

AAG2012

NEW YORK



ANNUAL MEETING PROGRAM

FEBRUARY 24-28, 2012 • NEW YORK, NEW YORK



AAG

ASSOCIATION of
AMERICAN GEOGRAPHERS

University of Michigan China Data Center

密西根大学中国信息研究中心 Booth: 234

Suite 205, 1007 E Huron St, Ann Arbor, MI 48104-1690, USA
TEL: (734)647-9610 / FAX: (734)763-0335 / EMAIL: chinadata@umich.edu

China Data Online

The China Data Online provides a primary source for the comprehensive and updated information on China's and economic development at national, provincial, city, county, and industrial levels, as well as population and business Census data:

Statistical Data Online:

- Monthly Statistics
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Census Data Online:

- 1982 Population Census
- 1990 Population Census
- 1995 Population Survey
- 2000 Population Census
- 2005 Population Survey
- 1995 Industrial Census
- 2004 Economic Census

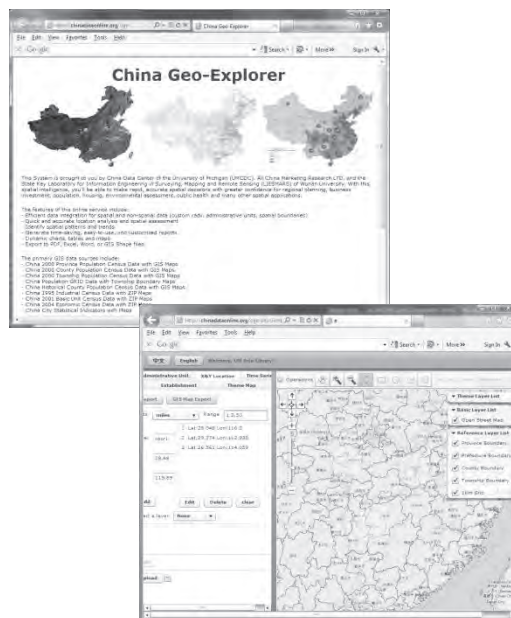


Spatial Data Online: China Geo-Explorer

With China Geo-Explorer, users can find the demographic, social and economic information of Mainland China on any place and any location, and get tables, maps, charts, reports and GIS data in a web-based delivery system with no requirement of professional skills. The online data service are available in both English and Chinese. Please contact the China Data Center at (734) 647-9610 or chinadata@umich.edu for the application or any question.

Primary Data Sources:

- ☐ China Population Census Data with GIS Maps:
 - "China 2000 Population Census Census Data with Province Maps"
 - "China 2000 Population Census Census Data with Prefecture Maps"
 - "China 2000 Population Census Census Data with County Maps"
 - "China 2000 Population Census Census Data with Township Maps"
 - "China Population GRID Data of 1953, 1964, 1982, 1990 and 2000"
- ☐ China Statistical Indicators with Administrative Maps:
 - "China Province Statistical Indicators with Maps"
 - "China City Statistical Indicators with Maps"
 - "China County Statistical Indicators with Maps"
- ☐ China 1995 Industrial Census Data with GIS Maps:
 - "China 1995 Industrial Census Data with Provincial Maps"
 - "China 1995 Industrial Census Data with Prefecture Maps"
 - "China 1995 Industrial Census Data with County Maps"
 - "China 1995 Industrial Census Data with ZIP Maps"
- ☐ China 2001 Basic Unit Census Data with GIS Maps:
 - "China 2001 Basic Unit Census Data with Province Maps"
 - "China 2001 Basic Unit Census Data with Prefecture Maps"
 - "China 2001 Basic Unit Census Data with County Maps"
 - "China 2001 Basic Unit Census Data with ZIP Maps"
- ☐ China 2004 Economic Census Data with GIS Maps:
 - "China 2004 Economic Census Data with Province Maps"
 - "China 2004 Economic Census Data with Prefecture Maps"
 - "China 2004 Economic Census Data with County Maps"
 - "China 2004 Economic Census Data with ZIP Maps"



THE ASSOCIATION OF AMERICAN GEOGRAPHERS



AAG

ASSOCIATION *of*
AMERICAN GEOGRAPHERS

2012 Annual Meeting

February 24 - 28, 2012

New York, New York

PROGRAM

The Association of American Geographers

1710 Sixteenth Street, NW

Washington, DC 20009-3198

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Presenting author(s) are indicated with an asterisk ().*

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GENERAL INFORMATION

ACCESSIBILITY

In support of the Americans with Disabilities Act, the AAG and its contracted facilities will accommodate reasonable requests for accessibility to the extent possible. Individuals requiring special accommodations are asked to make their specific needs known to the AAG or to the facilities.

ALCOHOL

The AAG expects all attendees to act responsibly when consuming alcoholic beverages. Consumption of alcohol by those under the age of 21 is prohibited.

BAGS/COATS/PACKAGES

For security reasons, the AAG is unable to hold attendees' bags, packages, briefcases, coats, laptops or other personal items at registration. For your own safety and the security of your belongings, we strongly recommend checking these items at a hotel bell stand.

CHILD CARE

The AAG will provide limited reimbursement to registered attendees to subsidize part of the necessary child care expenses incurred during the meeting at a licensed child care agency up to a maximum of \$300. Reimbursement forms should be submitted to the AAG after the conference, along with original receipts that clearly show the hourly or daily rate and the number of hours for each day and a check will be mailed to you. Total reimbursement is limited to \$300 per family.

Reimbursement is only available for childcare on-site in New York. No reimbursement is made for childcare at your home while you are in New York or for childcare provided by anyone other than a licensed childcare agency. All childcare arrangements should be made by the individual attendee. Licensed childcare agencies in the New York City area include: Pinch Sitters (212) 260-6005, A Choice Nanny (212) 246-KIDS, and The Baby Sitter's Guild (212) 682-0227, among others. AAG does not endorse, recommend, or promote any one agency. Responsibility for selection and investigation of an agency's credentials is the sole responsibility of the child's parent or guardian.

CONFERENCE VOLUNTEERS

Please report to the Conference Volunteer Desk next to the AAG Registration Desk located in the Second Floor Lobby of the Hilton New York no later than 20 minutes prior to your first scheduled shift. Upon check in you will receive all pertinent information and instructions regarding your duties.

EXHIBITS

A vital part of the AAG Annual Meeting is the exhibit hall, where AAG members and attendees can see the latest tools in teaching, field research, graphic applications, computer modeling, and data collection and analysis. Learn about the most recent technical advances in the field, including cartography, GIS, and GPS. You'll also be able to view and purchase geography-related textbooks and publications while meeting with publishers.

The AAG Annual Meeting Exhibit Hall is located in the Rhinelander Gallery on the Second Floor and Americas Hall I on the Third Floor of the Hilton New York.

EXHIBIT HALL HOURS

Saturday, February 25	
11:00 a.m. - 9:30 p.m.	Exhibit Hall Open
7:30 p.m. - 9:30 p.m.	<i>International Reception in the Exhibit Hall</i>
Sunday, February 26	
9:30 a.m. - 5:30 p.m.	Exhibit Hall Open
Monday, February 27	
9:30 a.m. - 3:30 p.m.	Exhibit Hall Open

INTERNET ACCESS

Wi-Fi internet access is available in the lobby of the Sheraton New York Hotel & Towers.

GENERAL INFORMATION

MEETING VENUES

Sessions, workshops and special events will take place in either the Hilton New York or the Sheraton New York Hotel and Towers. All field trips will depart from the rear exit, beside the parking garage at the Hilton New York.

Hilton New York

1335 Avenue of the Americas
New York City, NY 10019
(212) 586-7000

Sheraton New York Hotel & Towers

811 Seventh Avenue
New York City, NY 10019
(212) 581-1000

The AAG has two additional meeting rooms in the Schwarzman Building of the New York Public Library. To access these session rooms: depart near the Hilton Main Lobby. Take a right on Sixth Avenue (Avenue of the Americas). Continue to 42nd Street. Take a left on 42nd Street and proceed one block. Arrive at the Schwarzman Building at Fifth Avenue and 42nd Street.

Stephen A. Schwarzman Building

New York Public Library
Fifth Avenue & 42nd Street
New York City, NY 10018
(917) 275-6975

MOBILITY ASSISTANCE

A mobility assistance desk will be located near the parking garage in the Lobby of the Hilton. A mobility assistance volunteer will also be stationed in the lobby of the Sheraton.

NON-SMOKING POLICY

The AAG maintains a non-smoking policy in all meeting rooms, the exhibit area, and the registration area. Smoking is allowed only in designated smoking areas of the facilities.

PHOTOGRAPHY IN SESSIONS

Photos may not be taken during paper or poster presentations without the permission of the presenter. Anyone taking a photo without permission will be asked to leave the conference.

PRESENTATION CONTENT

The Annual Meeting of the Association of American Geographers is an open forum for sharing the results of research and teaching in geography and related specialties. The contents of annual meeting presentations by individuals or groups at the annual meeting are theirs alone. The Association of American Geographers neither endorses nor disclaims the conclusions, interpretations, or opinions expressed by speakers at its annual meeting.

PROFESSIONAL CONDUCT

Professional ideas and information are exchanged most effectively at the AAG Annual Meeting in an atmosphere free of abuse or harassment and characterized by courtesy and respect. To that end, the AAG expects all individuals who attend to conduct themselves in a manner that establishes an atmosphere free from discriminatory practices.

REGISTRATION

The AAG Registration Desk will be located in the Second Floor Lobby of the Hilton New York. Registration will be open during the following hours:

Thursday, February 23	4:00 p.m. - 7:00 p.m.
Friday, February 24	7:00 a.m. - 7:30 p.m.
Saturday, February 25	7:00 a.m. - 7:30 p.m.
Sunday, February 26	7:00 a.m. - 7:30 p.m.
Monday, February 27	7:00 a.m. - 5:30 p.m.
Tuesday, February 28	7:00 a.m. - 12:30 p.m.

SESSION CHAIRS

See instructions on page 76.

HILTON NEW YORK

Location of Rooms

See pages 78-79 for the Key to Room Numbers and Session Numbers.

Rooms by Level/Floor:

CONCOURSE LEVEL

Room Name	Session Room Code#
Concourse A	01
Concourse B	02
Concourse C	03
Concourse D	04
Concourse E	05
Concourse F	06
Concourse G	07

SECOND FLOOR

Room Name	Session Room Code#
Beekman Parlor	08
Bryant Suite	09
Clinton Suite	10
Gibson Suite	11
Gramercy Suite A (West)	12
Gramercy Suite B (East)	13
Madison Suite	15
Morgan Suite	16
Murray Hill Suite A (West)	17
Murray Hill Suite B (East)	18
Nassau A (West)	19
Nassau B (East)	20
Regent Parlor	21
Rhineland Gallery (AAG Exhibit Hall)	22
Second Floor Lobby (AAG Registration, Conference Volunteer Desk)	
Sutton Parlor Center	23
Sutton Parlor North	24
Sutton Parlor South	25

THIRD FLOOR

Room Name	Session Room Code#
Americas Hall I (AAG Exhibit Hall)	26
Grand Ballroom East	27
Grand Ballroom West	28
Mercury Ballroom	29
Mercury Rotunda	30
Petit Trianon	31
Rendezvous Trianon	32
Trianon Ballroom	33
Americas Hall II - A	82
Americas Hall II - B	83

FOURTH FLOOR

Room Name	Session Room Code#
Conrad Hilton Suite	34
East Suite	35
Green Room	36
Harlem Suite	37
Hilton Board Room	38
Holland Suite	39
Hudson Suite	40
Lincoln Suite	14
Midtown Suite	41
New York Suite	42

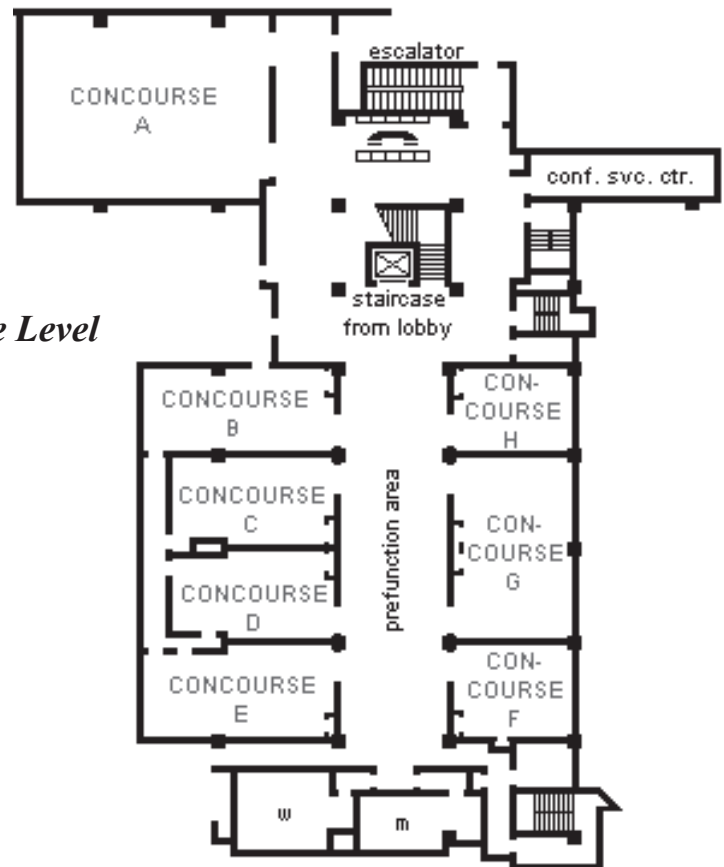
Rooms Alphabetically:

Room Name	Session Room Code#	Location
Americas Hall I	26	Third Floor
Americas Hall II - A	82	Third Floor
Americas Hall II - B	83	Third Floor
Beekman Parlor	08	Second Floor
Bryant Suite	09	Second Floor
Clinton Suite	10	Second Floor
Concourse A	01	Concourse Level
Concourse B	02	Concourse Level
Concourse C	03	Concourse Level
Concourse D	04	Concourse Level
Concourse E	05	Concourse Level
Concourse F	06	Concourse Level
Concourse G	07	Concourse Level
Conrad Hilton Suite	34	Fourth Floor
East Suite	35	Fourth Floor
Gibson Suite	11	Second Floor
Gramercy Suite A (West)	12	Second Floor
Gramercy Suite B (East)	13	Second Floor
Grand Ballroom East	27	Third Floor
Grand Ballroom West	28	Third Floor
Green Room	36	Fourth Floor
Harlem Suite	37	Fourth Floor
Hilton Board Room	38	Fourth Floor
Holland Suite	39	Fourth Floor
Hudson Suite	40	Fourth Floor
Lincoln Suite	14	Fourth Floor
Madison Suite	15	Second Floor
Mercury Ballroom	29	Third Floor
Mercury Rotunda	30	Third Floor
Midtown Suite	41	Fourth Floor
Morgan Suite	16	Second Floor
Murray Hill Suite A (West)	17	Second Floor
Murray Hill Suite B (East)	18	Second Floor
Nassau A (West)	19	Second Floor
Nassau B (East)	20	Second Floor
New York Suite	42	Fourth Floor
Petit Trianon	31	Third Floor
Regent Parlor	21	Second Floor
Rendezvous Trianon	32	Third Floor
Rhineland Gallery	22	Second Floor
Sutton Parlor Center	23	Second Floor
Sutton Parlor North	24	Second Floor
Sutton Parlor South	25	Second Floor
Trianon Ballroom	33	Third Floor

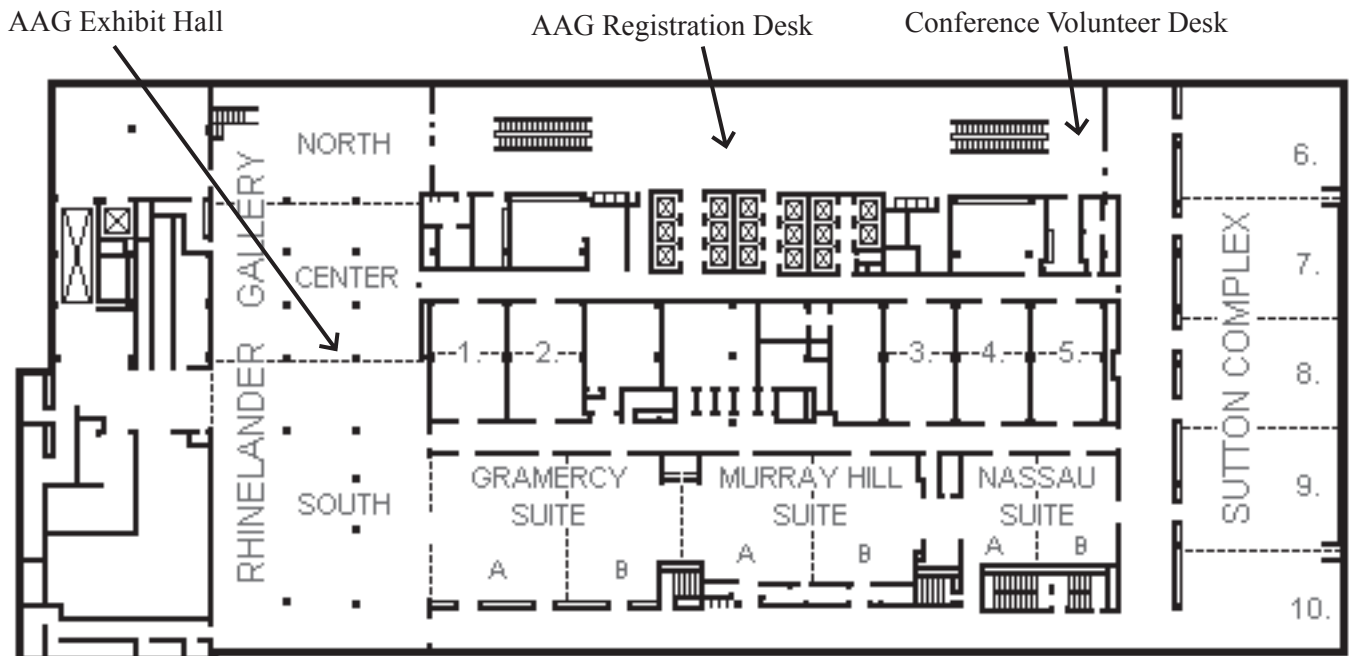
HILTON NEW YORK

Concourse Level and Second Floor

Concourse Level



Second Floor



1. BRYANT SUITE
2. MORGAN SUITE
3. MADISON SUITE
4. CLINTON SUITE
5. GIBSON SUITE

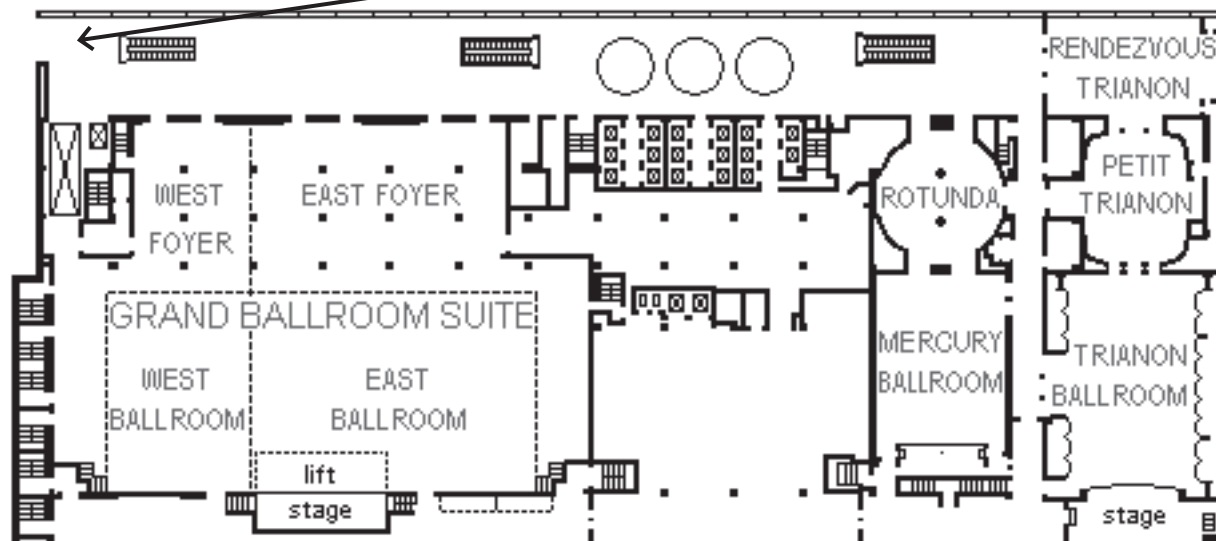
6. BEEKMAN PARLOR
7. SUTTON NORTH
8. SUTTON CENTER
9. SUTTON SOUTH
10. REGENT PARLOR

HILTON NEW YORK

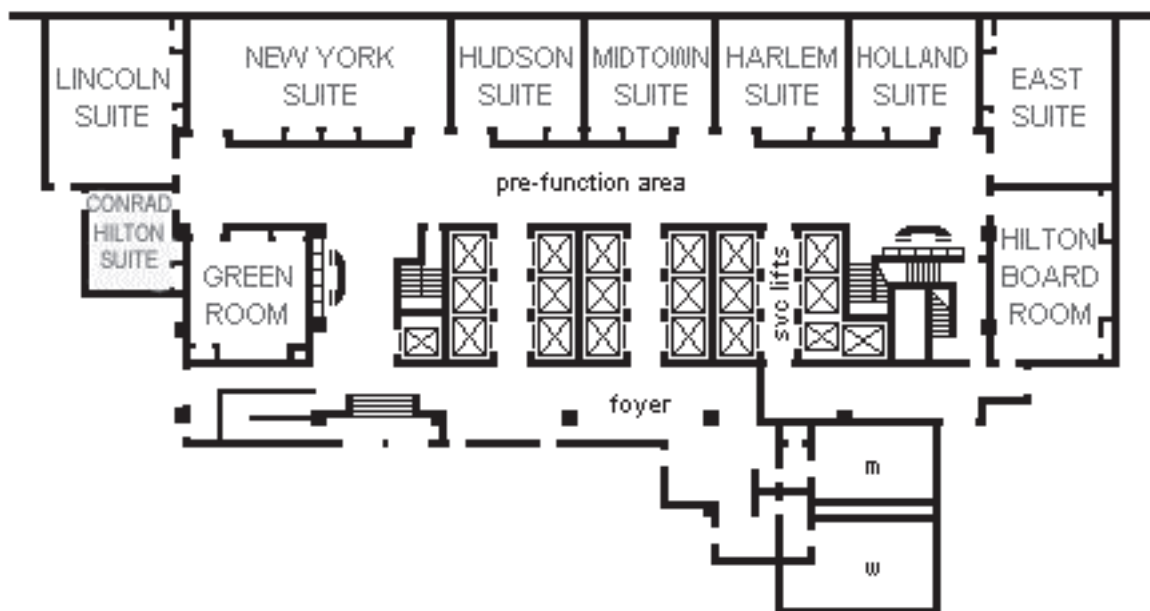
Third Floor and Fourth Floor

Third Floor

To Americas Hall I & II (AAG Exhibit Hall)



Fourth Floor



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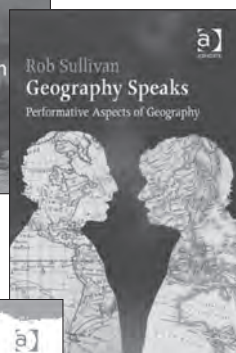
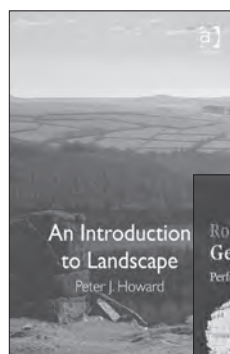
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Urban Maps

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SHERATON NEW YORK HOTEL & TOWERS

Location of Rooms

See pages 78-79 for the Key to Room Numbers and Session Numbers.

Rooms by Level/Floor:

LOWER LEVEL

Room Name	Session Room Code#
Conference Room A	43
Conference Room B	44
Conference Room C	45
Conference Room D	46
Conference Room E	47
Conference Room F	48
Conference Room G	49
Conference Room H	50
Conference Room I	51
Conference Room J	52
Conference Room K	53
Conference Room L	54
Executive Boardroom	55

SECOND FLOOR

Room Name	Session Room Code#
Central Park East	56
Central Park West	57
Empire Ballroom East	58
Empire Ballroom West	59
Lenox Ballroom	60

THIRD FLOOR

Room Name	Session Room Code#
Carnegie Suite East	61
Carnegie Suite West	62
Liberty 1	63
Liberty 2	64
Liberty 3	65
Liberty 4	66
Liberty 5	67
New York Ballroom East	68
New York Ballroom West	69
Riverside Ballroom	70
Riverside Suite	71

FIFTH FLOOR

Room Name	Session Room Code#
Madison Suite 2	72
Madison Suite 3	73
Madison Suite 4	74
Madison Suite 5	75
Madison Suite 6	76
Park Suite 1	77
Park Suite 2	78
Park Suite 3	79
Park Suite 4	80
Park Suite 5	81

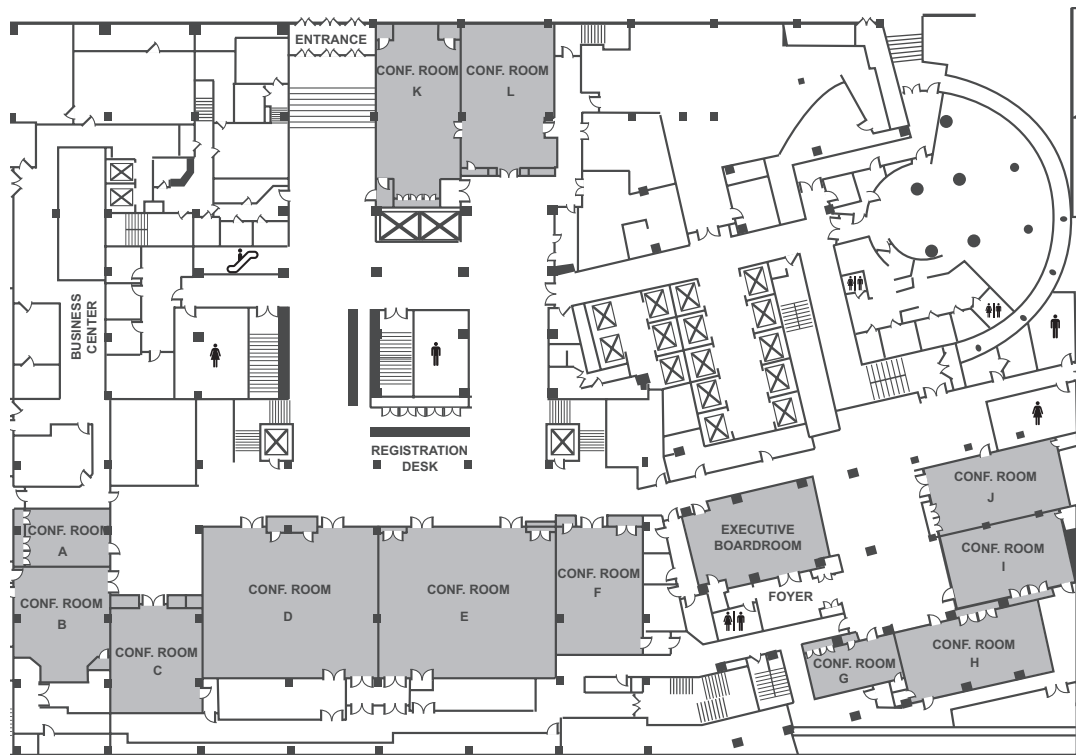
Rooms Alphabetically:

Room Name	Session Room Code#	Location
Carnegie Suite East	61	Third Floor
Carnegie Suite West	62	Third Floor
Central Park East	56	Second Floor
Central Park West	57	Second Floor
Conference Room A	43	Lower Level
Conference Room B	44	Lower Level
Conference Room C	45	Lower Level
Conference Room D	46	Lower Level
Conference Room E	47	Lower Level
Conference Room F	48	Lower Level
Conference Room G	49	Lower Level
Conference Room H	50	Lower Level
Conference Room I	51	Lower Level
Conference Room J	52	Lower Level
Conference Room K	53	Lower Level
Conference Room L	54	Lower Level
Empire Ballroom East	58	Second Floor
Empire Ballroom West	59	Second Floor
Executive Boardroom	55	Lower Level
Lenox Ballroom	60	Second Floor
Liberty 1	63	Third Floor
Liberty 2	64	Third Floor
Liberty 3	65	Third Floor
Liberty 4	66	Third Floor
Liberty 5	67	Third Floor
Madison Suite 2	72	Fifth Floor
Madison Suite 3	73	Fifth Floor
Madison Suite 4	74	Fifth Floor
Madison Suite 5	75	Fifth Floor
Madison Suite 6	76	Fifth Floor
New York Ballroom East	68	Third Floor
New York Ballroom West	69	Third Floor
Park Suite 1	77	Fifth Floor
Park Suite 2	78	Fifth Floor
Park Suite 3	79	Fifth Floor
Park Suite 4	80	Fifth Floor
Park Suite 5	81	Fifth Floor
Riverside Ballroom	70	Third Floor
Riverside Suite	71	Third Floor

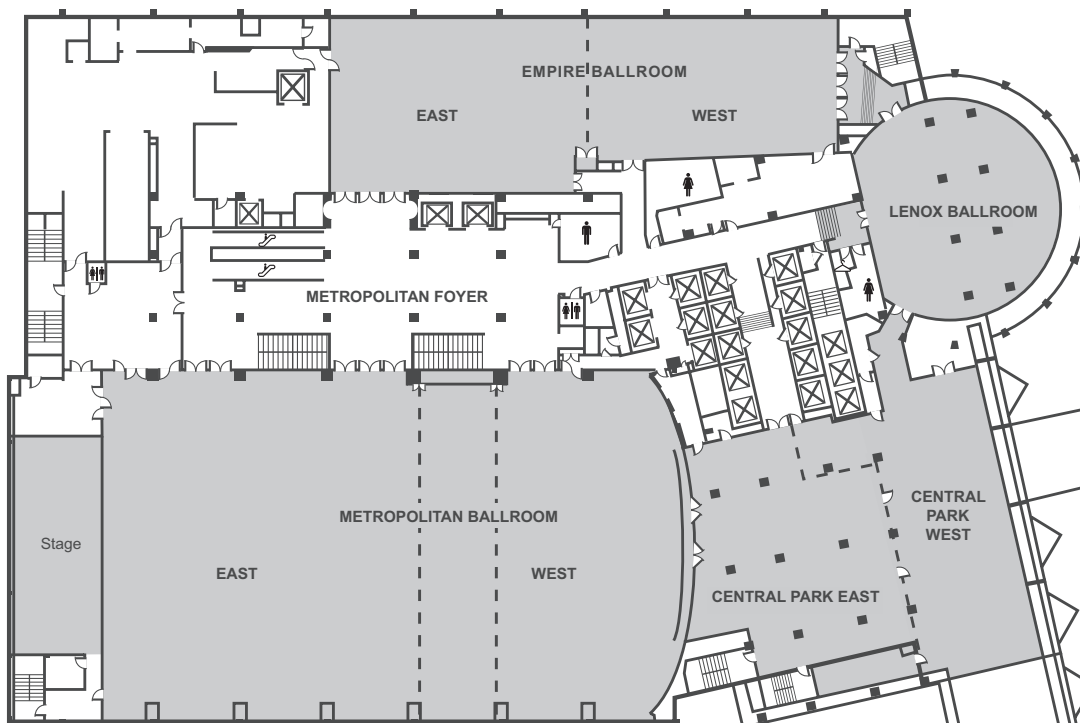
SHERATON NEW YORK HOTEL & TOWERS

Lower Level and Second Floor

Lower Level



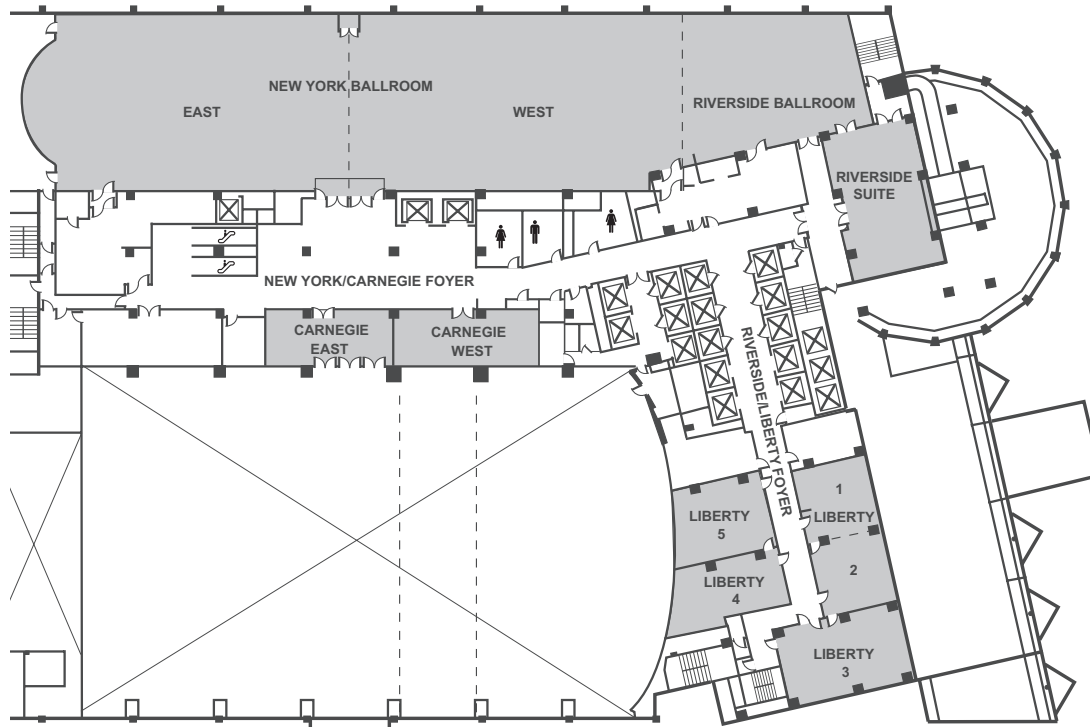
Second Floor



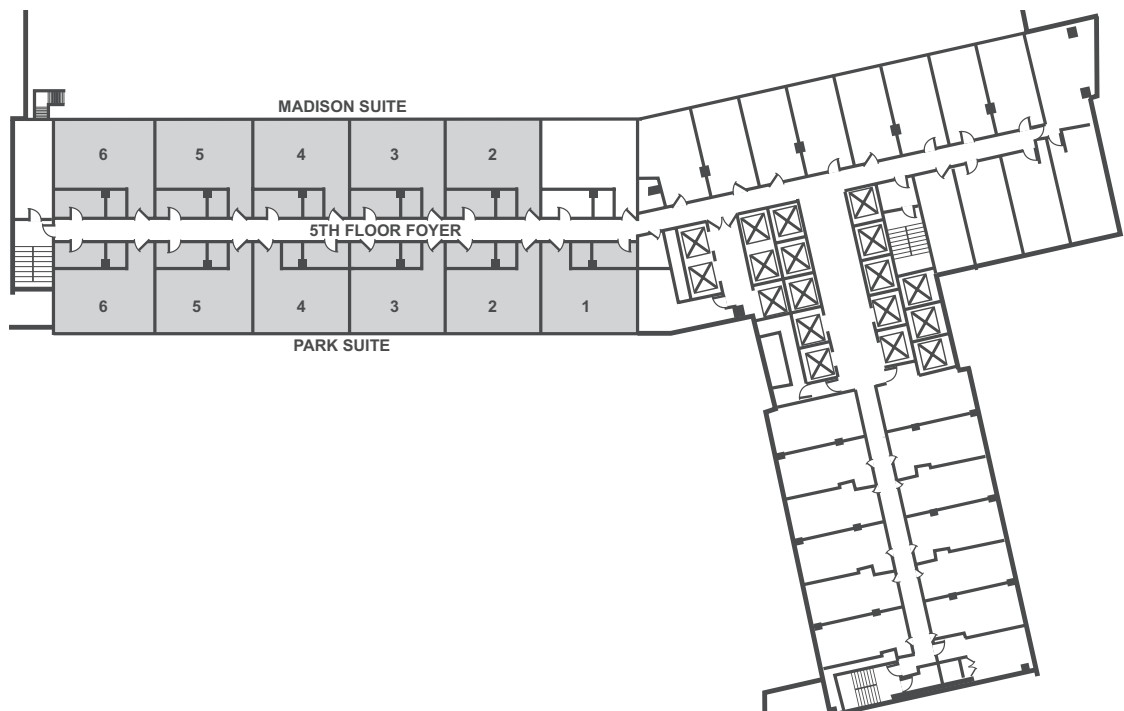
SHERATON NEW YORK HOTEL & TOWERS

Third Floor and Fifth Floor

Third Floor



Fifth Floor



YOU ARE INVITED TO ATTEND

Celebrate with the Year's Honorees at the AAG Awards Luncheon

Tuesday, February 28, 2012, 12:15 p.m. to 2 p.m.
Trianon Ballroom, Hilton New York

Join colleagues and friends for the AAG Awards Luncheon on Feb. 28 to celebrate and congratulate the recipients of the AAG Honors for their lifetime achievements and accomplishments in scholarship, service, publishing, and education. Several other awards also will be presented during the luncheon. They include: the AAG annual book awards, Burrill Award, Miller Award, Nystrom Award, Jackson Prize, AAG Enhancing Diversity Award, Specialty Group Awards, and many other awards. Members who have held 50 years of continuous membership will be recognized for their enduring support and contributions to the Association.

Individual seats for the luncheon are only \$55, including service and tax. Tables for parties of ten can also be purchased for \$495.

GET YOUR TICKETS AT THE AAG CUSTOMER SERVICE DESK

On the Menu

- **Appetizer:** Shaved Fennel Bulb, Pomegranate, and Radish Salad; Citrus Vinaigrette
- **Entrée** (vegetarian available upon request): Crisp Organic Salmon; Beluga Lentils with Snap Bok Choy and Beet Vinaigrette
- **Dessert:** Orange Halva Cake; Chocolate Mousse, Mocha Sauce and Pistachio Dust

Non-Alcoholic beverages and wine upon request.



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PLENARY SESSIONS AND SPECIAL EVENTS

Visualization of Statistical and Spatial Data for Decision Making

Friday, February 24, 11:40 a.m. - 12:50 p.m.

Room: *Tranon Ballroom, Hilton, Third Floor*

Introduction: William Clark, UCLA

Speaker: **Robert M. Groves**, Director, US Census Bureau

The Geography of Knowledge Specialization/Relatedness and the Evolution of US Invention, 1975-2005

Regional Studies Association Annual Lecture 2012

Friday, February 24, 12:40 p.m. - 2:20 p.m.

Room: *Murray Hill Suite B, Hilton, Second Floor*

Sponsored by: Regional Studies Journal, Regional Studies Association

Organizer: Dieter Kogler, University College, Dublin

Chair: Arnoud Lagendijk, Radboud University, Nijmegen

Presenter: **David Rigby**, UCLA

Discussant: Maryann Feldman, University of North Carolina, Chapel Hill

U.S. patent data and patent citations are used to build a measure of technological relatedness between major patent classes. The relatedness measures form the links of a U.S. knowledge network, the evolution of which is tracked over time. Rates of patenting, citation flows between cities, and the direction of invention are examined with the technological relatedness measure.

This lecture is part of series of sessions on Evolutionary Economic Geography, Agglomeration, and Geographies of Knowledge Production that run from 8:00 a.m. on Friday, February 24 through Sunday, February 26.

Improving AAG Regional Meeting Participation

Friday, February 24, 12:40 p.m. - 2:20 p.m.

Room: *Lincoln Suite, Hilton, Fourth Floor*

Organizers: Ken Foote, AAG Past President, University of Colorado, Boulder

Bryon Middlekauff, Plymouth State University

Jim Ketchum, Association of American Geographers

Chair: Ken Foote, AAG Past President, University of Colorado, Boulder

Panelists: Jo Beth Mullens, Keene State College

Richard Groop, Michigan State University

Jennifer Collins, University of South Florida

Cathleen McAnneny, University of Maine at Farmington

Zoe Pearson, Ohio State University

Thomas Maraffa, Youngstown State University

Join panelists to discuss how regional meeting participation and effectiveness can be improved. The panel includes graduate and undergraduate faculty as well as current, future, and recent regional division meeting organizers.

AAG OPENING SESSION

Friday, February 24, 6:30 p.m. - 8:00 p.m.

Room: *Sutton Parlor Center, Hilton, Second Floor*

Welcoming remarks:

Douglas Richardson, AAG Executive Director

Audrey Kobayashi, AAG President, Queen's University

Presidential Plenary: The City Beyond Symbolism

Organizer: **Audrey Kobayashi**, AAG President, Queen's University

Speakers: **Frances Fox Piven**, CUNY Graduate Center

Grace Lee Boggs

Scott Kurashige, University of Michigan

Don Mitchell, Syracuse University

Ruth Wilson Gilmore, CUNY Graduate Center

Since the AAG last met in New York City more than a decade ago, geographers have had plenty of reason to re-assess their understanding of urban life. New York City itself has of course become a symbolic focus of what it means to be safe and secure in a modern urban environment. Cities throughout the world have seen a decade of unprecedented change and challenge.

Geographers are attuned to these transformations, and achieving social justice in the contemporary city will be the theme of the 2012 AAG Presidential Plenary. AAG President **Audrey Kobayashi** will welcome five individuals whose work is synonymous with the quest for social justice in cities, and whose engagement as scholar-activists and public intellectuals has gone beyond symbolic, academic or political rhetoric to make a real difference in urban life.

PLENARY SESSIONS AND SPECIAL EVENTS

Frances Fox Piven is an original thinker and tireless activist whose many books have helped us to understand the intertwined dynamics of poverty, politics, and racism. They include *Poor People's Movements: Why they Succeed, How they Fail* (with Richard Cloward, 1977), *Why Americans Still Don't Vote: And Why Politicians Want it That Way* (2000), and most recently *Keeping Down the Black Vote: Race and the Demobilization of American Voters* (2009).

Grace Lee Boggs is a much honored philosopher and public intellectual whose major writings include *Revolution and Evolution in the Twentieth Century* (with James Boggs 2008[1974]); *Conversations in Maine: Exploring Our Nation's Future* (with James Boggs, Freddy Paine, and Lyman Paine 1978); *Living for Change: An Autobiography* (1978); and recently, *The Next American Revolution: Sustainable Activism for the Twenty-first Century* (with Scott Kurashige, 2011). At 95, Grace remains much in demand as a public speaker, exceptional community activist, and weekly columnist for the *Michigan Citizen*.

Scott Kurashige, Director of Asian/Pacific Islander American Studies at the University of Michigan, has worked with Boggs for a number of years as both author and community activist. He has also published *The Shifting Grounds of Race: Black and Japanese Americans in the Making of Multiethnic Los Angeles* (2008).

Don Mitchell is a Distinguished Professor of Geography at Syracuse University whose many publications have influenced the field of social justice profoundly. They include *The Right to the City: Social Justice and the Fight for Public Space* (2003), *The People's Property?: Power, Politics, and the Public* (with Lynn Staeheli, 2008), and *Justice, Power and the Political Landscape* (edited with Kenneth Olwig, 2009).

Ruth Wilson Gilmore is Professor of Earth and Environmental Sciences at the City University of New York Graduate Center. In addition to *Golden Gulag: Prisons, Surplus, Crisis, and Opposition in Globalizing California*, she is currently working on three book projects: *Life in Hell: Or How Capitalism Saving Capitalism from Capitalism Must Fire our Political Imaginations*; *Big Things: Landscape, State Form, and the Infrastructure of Feeling*; and a collection of essays on race, polity, and place.

Department Chairs Symposium: Developing Effective Strategic Plans and Program Reviews

Saturday, February 25, 8:00 a.m. - 11:40 a.m.
Room: Mercury Ballroom, Hilton, Third Floor

Organized by: Ken Foote, Stuart Aitken, Ines Miyares, Benjamin Ofori-Amoah, and Dan Shrubsole

This symposium focuses on strategies for developing strategic

plans as well as responding to department and program reviews. Although listed as two separate panels, the two have been organized together as a single event to allow ample time for presentations, panel discussions, and small group breakouts. Although the symposium is offered as a means of providing time department leaders to meet and share strategies during the annual meeting, the symposium is open to ALL geographers wishing to participate. The session is particularly well suited for individuals who may soon assume leadership positions and would like to network with other chairs and leaders.

There is a \$35 registration fee to cover coffee breaks during the Symposium and a meal during the AAG Department Chairs Luncheon (see below) immediately following the Symposium. Please see the AAG Registration Desk, if you wish to sign-up to attend this event.

AAG Department Chairs Luncheon

Saturday, February 25, 11:40 a.m. - 2:00 p.m.
Room: Mercury Ballroom, Hilton, Third Floor

Chair: **Eric Sheppard**, University of Minnesota

There is a \$35 registration fee to cover a meal during the Chairs Luncheon Meeting immediately following the Department Chairs Symposium. Please see the AAG Registration Desk, if you wish to sign-up to attend this event.

AAG Specialty and Affinity Group Chairs Meeting

Saturday, February 25, 11:40 a.m. - 12:50 p.m.
Room: Petit Trianon, Hilton, Third Floor

Specialty and Affinity Group Discussion, Training and Tech Support

Following the formal business of the Chairs session will be a discussion and dialogue with other Chairs on how to use the AAG Knowledge Communities and other topics for making the most of your group.

Landsat at 40 - Prime Productive Years or Mid-Life Crisis?

Saturday, February 25, 11:40 a.m. - 12:50 p.m.
Room: Trianon Ballroom, Hilton, Third Floor

Organized by: Association of American Geographers

Introduction: Marilyn Raphael, UCLA

Speaker: **Anne Castle**, Assistant Secretary for Water & Sciences, US Department of the Interior

PLENARY SESSIONS AND SPECIAL EVENTS

James Anderson Distinguished Lecture in Applied Geography

Land Classification Research: Retrospective and Prospects

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by: Applied Geography Specialty Group

Organized by: Lucy Stanfield, US Environmental Protection Agency

Introduction: William A. Dando, Indiana State University

Speaker: **Michael N. DeMers**, New Mexico State University

The James R. Anderson Distinguished Lecture in Applied Geography is the feature session of the Applied Geography Specialty Group (AGSG) at the Annual Meeting of the Association of American Geographers (AAG). The objectives of the lecture series are: to recognize the contribution of Dr. James Anderson to applied geography; to provide a national speaking venue for recipients of the Anderson Medal; and, to serve and promote the field of applied geography as a central and dynamic component of geographic teaching, research and practice in academia, business and government. Anderson Lectures are presented by recipients of the Anderson Medal, which is awarded in recognition of outstanding contributions to the field of applied geography. The Anderson Lecture series was approved in 2001 by the AGSG Board, and was launched in 2002 at the Los Angeles meetings of the AAG. Anderson Lecturers to date are: Jack Dangermond (2002); Brian Berry (2003); Tom Wilbanks (2004); Barry Wellar (2005); T. R. Lakhshmanan (2006); William L. Garrison (2007); Marilyn Brown (2008); Kingsley Haynes (2009), and, Robert B. Honea (2011).

AAG ATLAS AWARD: Mary Robinson

Mapping the Future of Climate Change

Saturday, February 25, 6:30 p.m. - 7:30 p.m.

Room: Sutton Parlor Center, Hilton, Second Floor

Opening Remarks: Douglas Richardson, AAG Executive Director

Speaker: **Mary Robinson**, Mary Robinson Foundation/Trinity College, former President of Ireland, former UN High Commissioner for Human Rights

Dr. **Mary Robinson**, a world-renowned advocate for human rights and a former President of Ireland (1990-1997), will receive the AAG Atlas Award and deliver an address on climate justice and international efforts to combat climate change, most recently at the COP17 in Durban.

AAG INTERNATIONAL RECEPTION in the Exhibit Hall

Saturday, February 25, 7:30 p.m. - 9:30 p.m.

Room: AAG Exhibit Hall: Rhinelander Gallery, Hilton, Second Floor and Americas Hall I, Hilton, Third Floor

This reception is an opportunity to see old friends and meet colleagues at the outset of the AAG Annual Meeting. The reception is held in the Exhibit Hall where attendees will be able to see the variety of products and services available to AAG Annual Meeting attendees. See pages 64-68 for a list of exhibitors and an exhibit hall floor plan. Free drink ticket (provided in your registration packet).

AAG HONORARY GEOGRAPHER: Saskia Sassen

Analytic Tactics: Geography as Obstacle

Sunday, February 26, 11:40 a.m. - 12:50 p.m.

Room: Sutton Parlor North, Hilton, Second Floor

Sponsored by: Elsevier

Organized by: Association of American Geographers

Introduction: John Agnew, University of California, Los Angeles

Speaker: **Saskia Sassen**, Columbia University

Saskia Sassen is the Robert S. Lynd Professor of Sociology and Co-Chair of The Committee on Global Thought at Columbia University (www.saskiasassen.com). Her recent books are *Territory, Authority, Rights: From Medieval to Global Assemblages* (Princeton University Press 2008), *A Sociology of Globalization* (W.W.Norton 2007), and the 4th fully updated edition of *Cities in a World Economy* (Sage 2011). She was named one of the 100 Top 2011 Global Thinkers by *Foreign Policy* magazine.

Questions Without Borders: Why Future Research Will Be Interdisciplinary and How We Can Foster It

Sunday, February 26, 11:40 a.m. - 12:50 p.m.

Room: Trianon Ballroom, Hilton, Third Floor

Organized by: Association of American Geographers

Introduction: Douglas Richardson, AAG Executive Director

Speaker: **Myron P. Gutmann**, Assistant Director, NSF Directorate for Social, Behavioral, & Economic Science

PLENARY SESSIONS AND SPECIAL EVENTS

Snapshots: Geography in the World Today

Sunday, February 26, 2:40 p.m. - 6:20 p.m.

Room: *Nassau B, Hilton, Second Floor*

Organizers: Kenneth E. Foote, University of Colorado
Douglas Richardson, AAG Executive Director

Chair: Kenneth E. Foote, University of Colorado

Brief (5- minute) presentations from leaders of geography organizations and societies from around the world. This panel session will provide an excellent opportunity to gain a brief overview on the status of geography in many other countries and to meet leaders of international geographical societies.

Opening Remarks:

Douglas Richardson, AAG Executive Director
Ron Abler, President, International Geographical Union

Argentina, Susana Sassone; **Australia**, Lesley Head; **Bolivia**, Javier Nuñez-Villalba; **Brazil**, Nelson Rego; **Canada**, Anne Godlewska; **China**, Weidong Liu; **Colombia**, Jorge Ruiz; **Costa Rica**, Liliam Quiros Arias; **Czech Republic**, Tadeusz Siwek; **EIS-Africa**, Sives Govender; **Finland**, Markku Tykkyläinen; **France**, Yves Boquet; **Ghana**, James Eshun; **Hong Kong**, Donggen Wang; **Ireland**, Frances Fahy; **Israel**, Izhak Schnell; **Italy**, Margherita Azzari; **Jamaica**, Kevon Rhiney; **Mexico**, Jose L. Silvan-Cardenas; **The Netherlands**, Henk Ottens; **Nicaragua**, Alfonso Jirón-García; **Portugal**, Dulce Pimentel; **Romania**, Ioan Ianos; **Slovakia**, René Matlovič; **South Africa**, Cecil Seethal; **U.S (GTU)**, Randy Bertolas; **U.S. (NCGE)**, Richard B. Schultz; **U.S. (AAG)**, Douglas Richardson.

AAG PAST PRESIDENT'S ADDRESS

Building Community, Changing Culture by Kenneth E. Foote

Sunday, February 26, 6:30 p.m. - 7:30 p.m.

Room: *Sutton Parlor Center, Hilton, Second Floor*

Opening Remarks: Douglas Richardson, AAG Executive Director

Signing of US-China (AAG-GSC) Cooperative MOU

Introduction: Audrey Kobayashi, AAG President, Queen's University

Speaker: **Kenneth E. Foote**, AAG Past President, University of Colorado

In his Past President's Address at the 2012 Annual Meeting, **Kenneth Foote** will focus on issues he sees as vital to sustaining and expanding geography's role in science and society. These involve building a strong sense of community and changing our disciplinary culture in ways that respond to changing opportunities and challenges. Geography's contributions to science, scholarship, education, government, and business will always be the hallmarks of our success. But continuing to make such contributions means taking a close look at the way

we nurture new talent, cultivate leaders, promote innovation in education and research, and respond creatively to the changing demands of science and society.

This means, in part, creating a stronger sense of community by providing more and better support for department leaders, for international students and faculty, and for part-time and contingent faculty. It is important to do more to make sure that all geographers - at whatever career stage and of whatever background - have the support they need to succeed in these careers.

Foote will elaborate on what he believes building community implies, such as: looking beyond the department, responding effectively to changing trends in the economy, taking a big-picture approach to geography as a discipline. To achieve this, Foote will argue that geography needs good chairs and leaders, that we should continue to consider ways of improving geography curricula and programs at all levels, and to challenge, at times, the fundamental assumptions of our trade.

Preceding the Past President's Address will be a ceremonial signing of a US-China (AAG-GSC) Memorandum of Understanding. Concluding the address will be the presentation of the AAG Presidential Achievement Award to **Laura Pulido**, University of Southern California and **Dawn Wright**, Esri by AAG Past President Kenneth Foote.

Geography and Sustainable Development

Monday, February 27, 11:40 a.m. - 12:50 p.m.

Room: *Trianon Ballroom, Hilton, Third Floor*

Organized by: Association of American Geographers

Introduction: Juha Uitto, UN Development Programme

Speaker: **Jeffrey Sachs**, Director, Earth Institute at Columbia University

Diversity, Inclusion, and Participation in Geography

Monday, February 27, 12:40 p.m. - 6:20 p.m.

Room: *Harlem Suite, Hilton, Fourth Floor*

Organized by: Association of American Geographers ALIGNED Project

Chairs: Patricia Solís, AAG Director of Outreach & Strategic Initiatives

Inés Miyares, Hunter College

Diversity, Inclusion, and Participation in Geography (*Paper Session 4437, 12:40 p.m.*)

The AAG ALIGNED Planning Toolkit for Enhancing Diversity in Departments (*Workshop Session 4537, 2:40 p.m.*)

PLENARY SESSIONS AND SPECIAL EVENTS

Diverse Experiences in Diversity at the Geography Department Scale (*Panel Session 4637, 4:40 p.m.*)

This set of three sessions of varied formats will explore studies, demonstrate tools, and convene a discussion about efforts to enhance diversity, promote inclusion, and broaden participation in the discipline. The featured paper session is designed to provide an overview and background on national level demographics from the US Census, higher education statistics, and disciplinary data as context. The workshop will introduce the AAG's ALIGNED Toolkit developed to consolidate and develop resources that support departments in their efforts to enhance diversity. The suite of online materials includes a clearinghouse of information as well as a mechanism to query spatial data and geo-referenced demographic data on undergraduates.

Discussions with an experienced panel of ALIGNED pilot department representatives will assist users to create or improve plans for engaging a more diverse community of potential students as well as for supporting underrepresented students currently enrolled in their programs. All are welcomed to attend part or all of the three sessions, although free registration to the workshop is recommended. Presentations and discussions across the sessions will draw upon the intellectual wealth of the discipline to inform and transform ways in which departments envision and realize their own goals to enhance diversity using locationally-informed and place-specific strategies and insights. The AAG's ALIGNED project is supported by the NSF.

Mapping the News in the Age of Visualizations: the Art and Science of the NY Times Graphics Department

Monday, February 27, 12:40 p.m. - 2:20 p.m.
Room: Murray Hill Suite B, Hilton, Second Floor

Sponsored by: Applied Geography Specialty Group; Cartography Specialty Group; Geographic Information Science and Systems Specialty Group

Organized by: Lucy Stanfield, US Environmental Protection Agency; Verna Delauer

Chair: Lucy Stanfield, US Environmental Protection Agency

Panelists:

Matthew Bloch, *The New York Times*
Matthew Ericson, *The New York Times*
Archie Tse, *The New York Times*
Jeremy White, *The New York Times*

Discussant: **Alexander Murphy**, University of Oregon

How can maps increase the geographic literacy of the public? How do maps help the media tell a story at multiple spatial and temporal scales? The expanding role and sophistication of maps now includes animated visualizations and infographics, even allowing readers to interact and create their own maps and stories. This session will feature four panelists from the award-winning New York Times Graphics Department (@nytgraphics),

who will highlight their work and discuss their cartographic research, design, and analysis processes. This session will continue the AAG's engagement with the media, following the success of the 2004 Mapping the News conference.

Reflections on Geographic Information Science: Paper Session in Honor of Michael Goodchild

Monday, February 27, 2:40 p.m. - 4:20 p.m.
Room: Murray Hill Suite B, Hilton, Second Floor

Sponsored by: Geographic Information Science and Systems Specialty Group; Spatial Analysis and Modeling Specialty Group; Esri

Organized by: Karen Kemp and Nina Lam, Louisiana State University

Chair: Karen Kemp

This paper session features research papers in honor of Michael F. Goodchild.

Reflections on Geographic Information Science: Panel Session in Honor of Michael Goodchild

Monday, February 27, 4:40 p.m. - 6:20 p.m.
Room: Murray Hill Suite B, Hilton, Second Floor

Sponsored by: Geographic Information Science and Systems Specialty Group; Spatial Analysis and Modeling Specialty Group; Esri, Cyberinfrastructure Specialty Group

Organized by: May Yuan, University of Oklahoma; Tom Cova, University of Utah

Chair: Mark Kumler, University of Redlands

Opening Remarks: Douglas Richardson, AAG Executive Director

The panel session celebrates the scholarship and contributions of Dr. Michael Goodchild to GIScience and Geography by his students, colleagues, and friends upon his retirement.

A reception in honor of Michael Goodchild will follow in Murray Hill Suite A, Hilton, Second Floor.

Building the National 9/11 Memorial: A Site of Memory and Remembrance

Monday, February 27, 6:30 p.m. - 7:30 p.m.
Room: New York Ballroom, Sheraton, Third Floor

Organized by: Association of American Geographers

Introduction: **Kenneth E. Foote**, AAG Past President, University of Colorado

Speaker: **Michael Arad**, Architect and Designer of the National 9/11 Memorial in NYC

PLENARY SESSIONS AND SPECIAL EVENTS

Michael Arad is an architect and the winner of the international competition held in 2003 to design the 9/11 Memorial at the World Trade Center site. His design, "Reflecting Absence," was selected from more than 5,000 entries.

On selecting the design, the Memorial Jury stated, "Of all the designs submitted, we have found that 'Reflecting Absence' by Michael Arad, in concert with landscape architect Peter Walker, fulfills most eloquently the daunting but absolutely necessary demands of this memorial. In its powerful, yet simple articulation of the footprints of the Twin Towers, 'Reflecting Absence' has made the voids left by the destruction the primary symbols of our loss."

The American Institute of Architects named Arad one of six recipients of the Young Architects Award in 2006. Arad, a native of Israel, has lived in Israel, the U.K., the United States, and Mexico. He earned a Bachelor's degree from Dartmouth College in 1994 and a Master of Architecture in 1999 from the Georgia Institute of Technology.

Panel Session Featuring Nicholas Kristof and Salil Shetty

Tuesday, February 28, 10:00 a.m. - 11:40 a.m.

Room: *Petit Trianon, Hilton, Third Floor*

Organized by: Douglas Richardson, AAG Executive Director

Introductions: Audrey Kobayashi, AAG President, Queen's University

Jessica Wyndham, Associate Director of the Scientific Responsibility, Human Rights, and Law Program, AAAS

Speakers: **Douglas Richardson**, AAG Executive Director

Nicholas Kristof, Columnist, *The New York Times*

Salil Shetty, Secretary General, Amnesty International

Ivan Simonovic, Assistant Secretary-General for Human Rights, Office of the UN High Commissioner for Human Rights

Nicholas Kristof and **Salil Shetty** will discuss themes surrounding human rights, social justice, and the role that media plays in reporting on and bringing light to these issues. Douglas Richardson will provide opening remarks on the AAG's Geography and Human Rights Program and will moderate this session with introductions by Audrey Kobayashi and Jessica Wyndham. Audience and panelist discussion will conclude this session, with a reception to follow.

AAG AWARDS LUNCHEON

Tuesday, February 28, 12:15 p.m. - 2:00 p.m.

Room: *Trianon Ballroom, Hilton, Third Floor*

Join colleagues and friends in honoring recipients of AAG Honors and other awards and prizes. The Awards Luncheon will be held on Tuesday, February 28 in the Trianon Ballroom of the Hilton, Third Floor, from 12:15 p.m. - 2:00 p.m.

The following Honors will be presented:

AAG Lifetime Achievement Honors
Kevin Cox, The Ohio State University

AAG Lifetime Achievement Honors
James C. Knox, University of Wisconsin, Madison

AAG Distinguished Scholarship Honors
Richard Walker, University of California at Berkeley

AAG Gilbert Grosvenor Honors for Geographic Education
Robert Morrill, Virginia Tech

AAG Ronald F. Abler Distinguished Service Honors
David Unwin, Birkbeck College (emeritus)

AAG Distinguished Teaching Honors
Briavel Holcomb, Rutgers University

AAG Publication Award
Routledge

In addition to AAG Honors, the Burrill Award, Miller Award, Nystrom Award, Jackson Prize, AAG Enhancing Diversity Award, AAG Globe and Meridian Book Awards, Specialty Group Awards, and others will be presented.

The following individuals have held 50 years of continuous AAG membership, a measure of support for the Association that will be recognized at the AAG Awards Luncheon:

Yukiko Bedford	Ronald G. Knapp
William B. Beyers	David E. Kromm
Larry S. Bourne	Ronald A. Larson
James R. Carter	Richard Lewis
Kenneth E. Corey	Brian J. Murton
Louis De Vorse, Jr.	Peter W. Rees
Thomas H. Eighmy	Gerard Rushton
Robert E. Frenkel	James W. Simmons
Robert W. Hutton	Julian Wolpert

The cost of the luncheon is \$55, including service and tax. A complete table of ten is also available at \$495. Tickets may be purchased at the AAG Registration Desk.

AAG BUSINESS MEETING

Tuesday, February 28, 2:30 p.m. - 3:40 p.m.

Room: *Harlem Suite, Hilton, Fourth Floor*

The AAG's annual Business Meeting will be held in the Harlem Suite, on Tuesday, February 28, from 2:30 p.m. - 3:40 p.m. AAG officers will present their annual reports. All are welcome to attend.

SPECIAL SESSION TRACKS

Geography and the Humanities

The 2012 AAG Annual Meeting in New York will feature a special set of 40 paper or panel sessions exploring new interdisciplinary research and practice taking place at the intersections of geography and a broad range of humanities and arts disciplines. These interdisciplinary sessions will be held throughout the day on Saturday, Sunday, and Monday and will engage a variety of topics including literature, history, cinema, popular culture, performance art, comedy, curatorial practice, geographic imagination, painting and photography and their relation to place, space, landscape, scale, cartography, or other aspects of geography.

This special sequence is part of the AAG's ongoing initiative exploring creative new scholarship and related practices taking place at the crossroads of geography and a wide range of disciplines in the arts and humanities. Significant milestones for this initiative have included the AAG's interdisciplinary Geography & the Humanities Symposium, held at the University of Virginia in June of 2007; the establishment of the AAG's Historical GIS Clearinghouse and Forum at www.aag.org; and the publication of two new edited books, *Envisioning Landscapes, Making Worlds: Geography and the Humanities* (Routledge, 2011), and *GeoHumanities: Art, History, Text at the Edge of Place* (Routledge, 2011), featuring more than 50 original contributions by renowned scholars, artists, activists, and others currently working at the fertile intersections of geography and the humanities.

Session numbers in this track: 2102, 2202, 2203, 2402, 2403, 2502, 2503, 2602, 2603, 3101, 3102, 3103, 3201, 3202, 3203, 3401, 3402, 3403, 3501, 3502, 3601, 3602, 4101, 4104, 4201, 4202, 4240, 4401, 4402, 4403, 4501, 4502, 4503, 4530, 4601, 4602.

A schedule of sessions in this track is available at www.aag.org/humanities.

International Finance and Economics

Geographies pertaining to finance, economics, development and global markets have been the focus of public interest and (at times) great concern in recent years and are of interest to geographers, economists, financial analysts, and political scientists, among others. This special track of sessions will examine world economic and financial fluctuations and reactions to them.

This track will feature a panel session on the Euro Crisis scheduled on Friday, February 24, from 4:40 p.m. - 6:20 p.m. in Concourse E, Hilton, Concourse Level, and the Roepke Lecture in Economic Geography, to be presented by Harvard University professor **Dani Rodrik** on Saturday, February 25, at 2:40 p.m. in the Trianon Ballroom, Hilton, Third Floor. Former AAG President John Agnew of UCLA will serve as discussant.

The track will begin Friday afternoon, and paper sessions will run through Sunday evening. Distinguished guest **Jeffrey Sachs** will speak as part of this theme in a special session scheduled for 11:40 a.m. on Monday, February 27 in the Trianon Ballroom, Hilton, Third Floor.

Sessions in this track include: 1405, 1505, 1605, 2104, 2204, 2404, 2504, 2604, 3104, 3204, 3404, 3504, 3604, and 4333.

A schedule of sessions in this track is available at www.aag.org/internationalfinance.

The United Nations

With headquarters in midtown Manhattan, the United Nations is one of the world's most important international organizations. This special track of sessions will address the UN's multifaceted work around the world, including its efforts to promote development, provide peacekeeping, and address humanitarian needs.

The track will feature two sessions on the UN and Rio+20 scheduled on the afternoon of Saturday, February 25 from 12:40 p.m. - 2:20 p.m. and 2:40 p.m. - 4:20 p.m. in Concourse E, Hilton, titled The UN and Sustainable Development: 20 Years After Rio, and Preparations for Rio+20 and Beyond. The panel sessions will provide perspectives on sustainable development and its practices since 1992 from panelists representing UNDP, the World Bank and GEF as well as a discussion of plans for Rio+20 under the MyCOE partnership and other initiatives by representatives from Esri, UNEP, USGS, and others. A third featured session in this track is on Science in Support of Sustainable Development and Human Rights in East Africa in which African and U.S. panelists will showcase the application of geography and its tools in situations ranging from emergency humanitarian aid or response efforts, to urban planning and development, impacts of human activities on the environment, and sustainable development more broadly. This session will take place on February 25 from 4:40 p.m. - 6:20 p.m. in Concourse E, Hilton.

The track will begin Friday morning and run through Sunday morning. The AAG Atlas Award Ceremony honoring **Mary Robinson** will be held at 7:00 p.m. on Saturday, February 25, in Sutton Parlor Center, Hilton, Second Floor, and should be of special importance to those interested in this particular theme.

Sessions in this track include: 1104, 1204, 1404, 1504, 1604, 2105, 2205, 2405, 2505, 2605, 2723, 3106, 3516 and 3517.

A schedule of sessions in this track is available at www.aag.org/unitednations.

SPECIAL SESSION TRACKS

Social Justice, Media, and Human Rights

As recent events have shown, media coverage and the use of social media and technology can have substantial impacts upon social justice movements and human rights abuses around the world, as well as our geographical perspective on them. These issues are of great interest and importance to geographers, political scientists, journalists, sociologists, legal scholars, and others, and will be focused on in this track.

The track will begin Sunday morning, with paper sessions running in two concurrent rooms through Monday evening. The AAG Atlas Award ceremony, honoring **Mary Robinson**, will be held at 7:00 p.m. on Saturday, February 25 in Sutton Parlor Center, Hilton, Second Floor, and should be of special importance to those interested in this particular theme. Another featured session in this track is on Science in Support of Sustainable Development and Human Rights in East Africa in which African and U.S. panelists will showcase the application of geography and its tools in situations ranging from emergency humanitarian aid or response efforts, to urban planning and development, impacts of human activities on the environment, and sustainable development more broadly. This session will take place on Feb. 25 from 4:40 – 6:20 p.m. in Concourse E, Hilton. Also, a special panel session featuring **Nicholas Kristof** of *The New York Times*, **Salil Shetty**, Secretary General of Amnesty International and **Ivan Simonovic**, UN Assistant Secretary-General for Human Rights, will take place at 10:00 a.m. on Tuesday, February 28 in the Petit Trianon Ballroom, Hilton, Third Floor, and is included as part of the track.

Sessions in this track include: 2605, 3106, 3205, 3206, 3405, 3406, 3505, 3506, 3605, 3606, 4104, 4105, 4204, 4205, 4404, 4405, 4504, 4505, 4604, 4605, and 5231.

A schedule of sessions in this track is available at www.aag.org/socialjustice.

Contributions of Physical Geography to Sustainable Development

These specially highlighted sessions will focus on ways in which physical geography is being applied to interdisciplinary challenges across the spectrum of sustainable development. Themes will include but are not limited to: climate change, urbanization, and community/economic planning; natural disaster reduction; biofuels and renewable energy; forest, agricultural, and marine environmental management.

Sessions in this track include: 1454, 1552, 1658, 2108, 2180, 2280, 2451, 2464, 2512, 2601, 2642, 3452, 3552, 3652, 4568, 4581, 4603, 4611, and 4667.

A schedule of sessions in this track is available at www.aag.org/physicalgeography.

GIScience, Cyberinfrastructure, and Social Media

This special track will feature sessions on GIScience and cyberinfrastructure research focused on new developments in these rapidly changing areas. These will include real-time GIS, high-performance distributed computing with large spatial datasets, the geospatial web, and multi-scale spatio-temporal analysis. Also included are sessions that address the integration of GIScience and social media in the democratization of information.

Sessions in this track include: 1247, 1248, 1447, 1448, 1547, 1548, 1647, 1648, 2147, 2148, 2247, 2248, 2447, 2448, 2547, 2548, 2647, 2648, 3148, 3247, 3248, 3447, 3448, 3547, 3548, 3647, 4147, 4148, 4247, 4248, 4447, 4448, 5147, 5148, 5247, 5248, 5447, 5448, 5547, and 5548.

A schedule of sessions in this track is available at www.aag.org/cyberinfrastructure.

New York Public Library Special Sessions: Working Digitally with Historical Maps

AAG members, and the New York Public Library are co-sponsoring five special sessions on *working with digital archives of historical maps*, as part of the 2012 AAG Annual Meeting in New York. These sessions will be held at the New York Public Library on Saturday, February 25, beginning at 10:00 a.m. All registered meeting attendees are welcome to attend.

This special set of sessions will conclude with a keynote presentation featuring **David Rumsey**, President, Cartography Associates, **Humphrey Southall**, University of Portsmouth, and **Petr Pridal**, Moravian Library. This presentation launches the Old Maps Online project, which provides a universal search portal for historic maps designed to complement libraries' own search interfaces, and also aims to develop best practices for defining persistent Uniform Resource Identifiers for historic maps - URIs not URLs. The portal is an enhanced version of an interface already developed for the David Rumsey Collection.

Old maps are the clearest possible record of geographical change, of how nations, cities and neighborhoods used to be. However, access to historical maps has often has been limited. The recent growth of digital map collections is beginning to change that, and the last ten years have seen the creation of substantial digital map libraries. These five co-sponsored sessions will celebrate that achievement and explore what geographers and librarians can do with these growing digital collections.

These sessions will be held in the New York Public Library's main lecture theatre, only a ten minute walk from the AAG conference hotels.

Session numbers in this track: 2285, 2485, 2585, 2686 and 2785.

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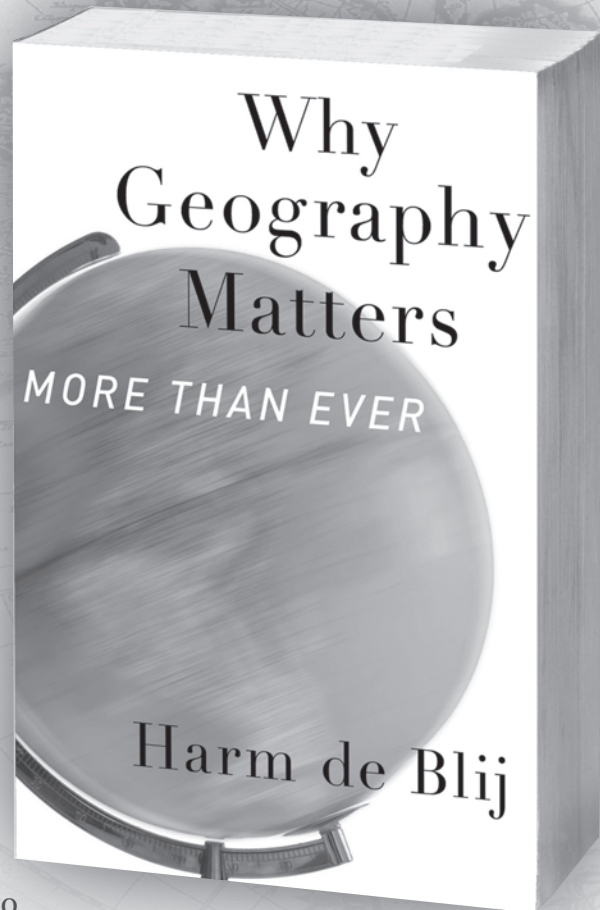
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Journal of Economic Geography

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The Journal of Economic Geography and the
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THE GEOGRAPHIES OF AUSTERITY

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SPECIALTY GROUP HIGHLIGHTED SESSIONS

AAG Specialty Groups are invited to highlight one special session each year. These sessions are listed below and include session number, time and location.

Applied Geography Specialty Group

4130 From Applying Geography to Applied Geography (Sponsored by Applied Geography Specialty Group)

Monday, February 27, 8:00 a.m. - 9:40 a.m.

Room: Mercury Rotunda, Hilton, Third Floor (Panel Session)

Asian Geography Specialty Group

2103 Debating the Asian Century: The Promise and the Reality (Sponsored by Asian Geography Specialty Group)

Saturday, February 25, 8:00 a.m. - 9:40 a.m.

Room: Concourse C, Hilton, Concourse Level (Panel Session)

Bible Geography Specialty Group

2213 Faith-Based Decisions: Impacting Water, Famine, War and Land Use (Sponsored by Bible Geography Specialty Group)

Saturday, February 25, 10:00 a.m. - 11:40 a.m.

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

China Specialty Group

2277 China's High-Speed Rail Controversy (Sponsored by China Specialty Group, Transportation Geography Specialty Group, Asian Geography Specialty Group)

Saturday, February 25, 10:00 a.m. - 11:40 a.m.

Room: Park Suite 1, Sheraton, Fifth Floor (Panel Session)

Climate Specialty Group

2558 Climate Specialty Group Plenary Speaker James Hansen (Sponsored by Climate Specialty Group)

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

Coastal and Marine Specialty Group

2439 Coastal Response to Sea Level Changes (Sponsored by Coastal and Marine Specialty Group)

Saturday, February 25, 12:40 p.m. - 2:20 p.m.

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

Communication Geography Specialty Group

3236 Communication Geography: A View from across the Interdisciplinary Divide (Sponsored by Communication Geography Specialty Group)

Sunday February 26, 10:00 a.m. - 11:40 a.m.

Room: Green Room, Hilton, Fourth Floor (Panel Session)

Cultural and Political Ecology Specialty Group

1531 Annual CAPE Plenary Lecture, by Tom Bassett (Sponsored by Cultural and Political Ecology Specialty Group)

Friday, February 24, 2:40 p.m. - 4:20 p.m.

Room: Petit Trianon, Hilton, Third Floor (Panel Session)

Cultural Geography Specialty Group

3513 CGSG Marquee Address: Julian Brash on Bloomberg's New York (Sponsored by Cultural Geography Specialty Group, Urban Geography Specialty Group)

Sunday February 26, 2:40 p.m. - 4:20 p.m.

Room: Gramercy Suite B, Hilton, Second Floor (Panel Session)

Cyberinfrastructure Specialty Group

4148 Mapping Cyberspace and Social Networks I (Sponsored by Cartography Specialty Group, Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group)

Monday, February 27, 8:00 a.m. - 9:40 a.m.

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

Disability Specialty Group

5511 Whither Disability Geography? (Sponsored by Disability Specialty Group)

Tuesday, February 28, 4:00 p.m. - 5:40 p.m.

Room: Gibson Suite, Hilton, Second Floor (Panel Session)

Economic Geography Specialty Group

2533 Roepke Lecture in Economic Geography (Sponsored by the Economic Geography Specialty Group)

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Room: Trianon Ballroom, Hilton, Third Floor (Paper Session)

Energy and Environment Specialty Group

2516 "If Not Now, When? Geography, Energy Studies and the Spatialities of Energy Transition" The Energy and Environment Specialty Group First Annual Plenary Lecture, Dr. Gavin Bridge (Sponsored by Energy and Environment Specialty Group)

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Room: Morgan Suite, Hilton, Second Floor (Panel Session)

Ethnic Geography Specialty Group

4237 Ethnic Geography Specialty Group Distinguished Scholar Lecture: Wei Li (Sponsored by Ethnic Geography Specialty Group, Urban Geography Specialty Group, Population Specialty Group)

Monday, February 27, 10:00 a.m. - 11:40 a.m.

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

Geographic Perspectives on Women Specialty Group

5135 Rethinking the Terrain of Geopolitics I: (In)Security, Violence, and the State (Sponsored by: Geographic Perspectives on Women Specialty Group, Political Geography Specialty Group)

Tuesday, February 28, 8:00 a.m. - 9:40 a.m.

Room: East Suite, Hilton, Fourth Floor (Paper Session)

Geography Education Specialty Group

2678 Teaching quantitative methods and numeracy in Geography: challenges, opportunities and new ways of learning (Sponsored by: Geography Education Specialty Group, Spatial Analysis and Modeling Specialty Group)

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Room: Park Suite 2, Sheraton, Fifth Floor (Interactive Short Paper Session)

Geography of Religions and Belief Systems Specialty Group

3168 Islam and the Art of Mosque construction in Western Europe: The 4th Annual GORABS Lecture (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Sunday, February 26, 8:00 a.m. - 9:40 a.m.

Room: New York Ballroom East, Sheraton, Third Floor (Panel Session)

SPECIALTY GROUP HIGHLIGHTED SESSIONS

Geographies of Food and Agriculture Specialty Group

4312 Geographies of Food and Agriculture Specialty Group Business Meeting (Sponsored by Geographies of Food and Agriculture Specialty Group)

Monday, February 27, 11:50 a.m. - 12:30 p.m.

Room: Gramercy Suite A, Hilton, Second Floor (Meeting Session)

Graduate Student Affinity Group

1615 GSAG plenary session with Dr. Kate Swanson: "How I survived graduate school and landed a tenure-track position (and had a baby)" (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education Project)

Friday, February 24, 4:40 p.m. - 6:20 p.m.

Room: Madison Suite, Hilton, Second Floor (Panel Session)

Hazards Specialty Group

3417 Building Resilience to Environmental Hazards: Space, Time, and Scale (Sponsored by Hazards Specialty Group)

Sunday, February 26, 12:40 p.m. - 2:20 p.m.

Room: Murray Hill Suite A, Hilton, Second Floor (Panel Session)

Human Dimensions of Global Change Specialty Group

4613 HDGC PLENARY: Synergies and Divergences between Land Change Science and Political Ecology (Sponsored by: Human Dimensions of Global Change Specialty Group, Cultural and Political Ecology Specialty Group)

Monday, February 27, 4:40 p.m. - 6:20 p.m.

Room: Gramercy Suite B, Hilton, Second Floor

Indigenous Peoples Specialty Group

2659 IPSG Plenary Session Featuring Oren Lyons: Indigenous Perspectives on Climate Change, Agriculture, Sustainability and Territory (Sponsored by: Indigenous Peoples Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Rural Geography Specialty Group, Cultural Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Room: Empire Ballroom West, Sheraton, Second Floor

Landscape Specialty Group

5479 Landscape as Framework for Integrating Physical and Social Science Approaches in Human-Environment Interaction Research (Sponsored by Landscape Specialty Group and Human Dimensions of Global Change Specialty Group)

Tuesday, February 28, 2:00 p.m. - 3:40 p.m.

Room: Park Suite 3, Sheraton, Fifth Floor 6 (Panel Session)

Political Geography Specialty Group

2520 Political Geography Specialty Group Plenary Lecture (Sponsored by Political Geography Specialty Group)

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Room: Nassau B, Hilton, Second Floor (Paper Session)

Private/Public Practice Affinity Group

4278 ISO Guidelines on Social Responsibility: What Geographers Can Add to the Discussion (Sponsored by Private/Public Practice Affinity Group)

Monday, February 27, 10:00 a.m. - 11:40 a.m.

Room: Park Suite 2, Sheraton, Fifth Floor (Panel Session)

Rural Geography Specialty Group

1639 Migration and Economic Restructuring in Rural America: Papers in Memory of Alex Vias (Sponsored by Population Specialty Group, Rural Geography Specialty Group)

Friday, February 24, 4:40 p.m. - 6:20 p.m.

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

Russian, Central Eurasian, & East European Specialty Group

3259 RCEEE Keynote with Bruce Grant: Locating Eurasia, Thinking Eurasianly (Sponsored by Russian, Central Eurasian, & East European Specialty Group, European Specialty Group)

Sunday, February 26, 10:00 a.m. - 11:40 a.m.

Room: Empire Ballroom West, Sheraton, Second Floor (Panel Session)

Socialist and Critical Geography Specialty Group

2660 James Blaut Memorial Award and Lecture (Sponsored by the Socialist and Critical Geography Specialty Group)

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Room: Lenox Ballroom, Sheraton, Second Floor (Panel Session)

Spatial Analysis and Modeling Specialty Group

2620 Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Room: Nassau B, Hilton, Second Floor (Paper Session)

Study of the American South Specialty Group

4468 Study of the American South SG Plenary Panel: Sundown Towns, The Geography and History of Racial Exclusion in the South (Sponsored by Study of the American South Specialty Group)

Monday, February 27, 12:40 p.m. - 2:20 p.m.

Room: New York Ballroom East, Sheraton, Third Floor (Panel Session)

Transportation Geography Specialty Group

3459 High Speed Rail in America: Promise and Peril (Sponsored by Transportation Geography Specialty Group)

Sunday, February 26, 12:40 p.m. - 2:20 p.m.

Room: Empire Ballroom West, Sheraton, Second Floor (Panel Session)

Water Resources Specialty Group

2841 Water Resources Specialty Group Business Meeting (Sponsored by Water Resources Specialty Group)

Saturday, February 25, 7:30 p.m. - 8:30 p.m.

Room: Midtown Suite, Hilton, Fourth Floor (Meeting Session)

Dr. William L. Graf, University of South Carolina, will receive the Water Resources Specialty Group's Distinguished Career Award at its business meeting for his outstanding long-term contributions to the field. Past recipients have been Drs. Gilbert White and Jerry Galloway.

Wine Specialty Group

2239 Wine Specialty Group Plenary Session - Wine Politics: Power, Terroir and Critics in France and America by Tyler Colman (Sponsored by Wine Specialty Group)

Saturday, February 25, 10:00 a.m. - 11:40 a.m.

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)



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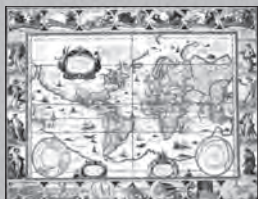


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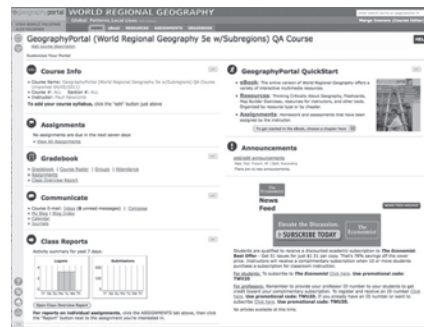
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WORLD GEOGRAPHY BOWL

Monday, February 27, 7:00 p.m.

The World Geography Bowl Committee would like to thank the AAG for sponsoring the 2012 national competition through its contributions to the student travel fund, which assists regional divisions in sending student team members to compete at the AAG Annual Meeting. The Committee would also like to thank the National Geographic Society for sponsoring the competition through its generous donations of prizes and awards.

Student teams from the AAG's regional divisions will compete in a round robin tournament starting at 7:00 p.m. in Beekman Parlor, Regent Parlor, Sutton Parlor Center, Sutton Parlor North, Sutton Parlor South in the Hilton New York. The Championship Round will begin at approximately 10:00 p.m.

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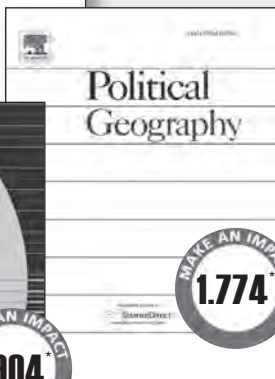


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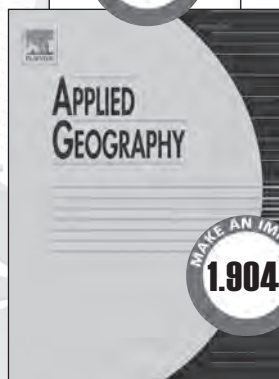


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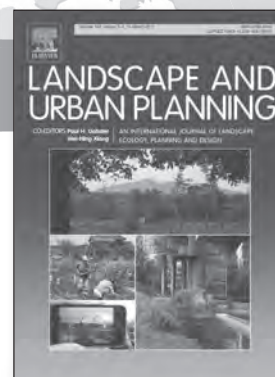
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New Associate Editors:

- **Mark McDonnell**, *University of Melbourne, Australia*
- **Bradley F. Blackwell**, *National Wildlife Research Center, USA*

<http://bit.ly/landurbanplanning>



Innovating Content

Exciting new developments in Elsevier Geography journals include the introduction of graphical abstracts, video content and the integration of Google Maps.

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JOBS IN GEOGRAPHY (JIG)

Jobs In Geography (JIG) Center

The Jobs in Geography (JIG) Center will be located in the Americas Hall I, Hilton New York, Third Floor. The JIG Center will feature numerous job postings in all fields of geography for students and job seekers and an exhibit of available jobs with opportunities to meet with employers.

The Jobs in Geography Center will be open:

Saturday, February 25, 11:00 a.m. - 4:00 p.m. (careers in business)
 Sunday, February 26, 11:00 a.m. - 4:00 p.m. (careers in government and nonprofits)
 Monday, February 27, 11:00 a.m. - 3:00 p.m. (careers in academia)

AAG Diversity Ambassadors

Volunteers share their experiences and give advice about college life, graduate school, job searches, networking, navigating the annual meeting, and more with graduate or undergraduate students. Faculty or employers who are looking to implement activities to achieve greater diversity in their programs and workforces, or who wish to converse about ideas and experiences, are also welcomed. This informal venue seeks to provide an open forum to share success stories and to engage in conversations regarding recruiting and retention strategies, understanding student and faculty mentoring needs, improving departmental climate, and other insights from the unique perspectives of the ambassadors. Volunteers will be available on Sunday, February 26, from 11:00 a.m. to 4:00 p.m. in the Jobs in Geography (JIG) Center.

Co-sponsored by the Association of American Geographers' ALIGNED Project and the AAG Enhancing Diversity Committee.

AAG Career Mentors

Whether you're looking for your first job, considering graduate school, or changing careers, the advice of a mentor can help prepare you for success in today's competitive job market. Researchers from the AAG's EDGE Project (Enhancing Departments and Graduate Education in Geography) have assembled a team of experienced geography professionals and faculty members to provide one-on-one and small-group consultation about careers in a variety of industries and employment sectors. Topics for discussion could include creating resumes and cover letters that will grab an employer's attention, finding jobs where you can put your geography skills and training to work, developing your personal and professional networks, and long-term career planning. You can also get information about the AAG's EDGE project and the numerous career-related sessions that will be held during this year's Annual Meeting. Mentors will be available in the Jobs in Geography (JIG) area on Saturday, February 25, from 1:00 - 4:00 p.m. (focus on careers in business and the private sector); Sunday, February 26, from 1:00 - 4:00 p.m. (focus on careers in government and nonprofits); and Monday, February 27, from 1:00 - 3:00 p.m. (focus on academic careers).

GISCI Certification

Did you know you can earn GISP credits by participating in the AAG Annual Meeting? Attending provides several ways to earn necessary points for the "Contributions to the Profession" and "Education" components of becoming a GISP. For more information, stop by the GIS Certification Institute (GISCI) booth (#1129) in the Rhinelander Gallery (Hilton, Second Floor) or visit <http://www.gisci.org/>.

JOBS IN GEOGRAPHY (JIG)

Career and Professional Development Sessions at the AAG Annual Meeting

There are also many special sessions at the AAG Annual Meeting on careers in geography, professional development, and employment opportunities. These sessions are listed below and include session number, time and location.

Friday, February 24

1115: Welcome to the AAG Annual Meeting! Navigating and Making the Most of the Conference

Friday, February 24, 8:00 a.m. - 9:40 a.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by Graduate Student Affinity Group, AAG EDGE Project

Workshop 3: Resume Roundtable

Friday, February 24, 12:40 p.m. - 2:20 p.m.

Room: Grand Ballroom West, Hilton

Advance registration required. Cost: \$5.

Sponsored by AAG EDGE Project

1507: Practicing Geography: Careers for Enhancing Society and the Environment Interactive Short Paper Session

Friday, February 24, 2:40 p.m. - 4:20 p.m.

Room: Concourse G, Hilton, Concourse Level

Sponsored by AAG EDGE Project

1615: How I Survived Graduate School and Landed a Tenure-Track Position (and Had a Baby) -- GSAG Plenary with Dr. Kate Swanson

Friday, February 24, 4:40 p.m. - 6:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by Graduate Student Affinity Group, AAG EDGE Project

Saturday, February 25 (Spotlight on Business Careers)

2115: Beyond the Ivory Tower A: Preparing Geographers for Business and Private Sector Careers

Saturday, February 25, 8:00 a.m. - 9:40 a.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Applied Geography Specialty Group, Private/Public Affinity Group

2465: Curriculum Development in Business Geography

Saturday, February 25, 12:40 p.m. - 2:20 p.m.

Room: Liberty 3, Sheraton, Third Floor

Sponsored by Business Geography Specialty Group, Applied Geography Specialty Group, Geography Education Specialty Group

Career Mentoring Session in Jobs in Geography Center

Saturday, February 25, 1:00 p.m. - 4:00 p.m.

Room: AAG Exhibit Hall, Rhinelander Gallery and Americas Hall I, Hilton

Sponsored by AAG EDGE Project

2615: The Geospatial Job Market

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Applied Geography Specialty Group

Sunday, February 26 (Spotlight on Government and Non-profit Careers)

3116: Beyond the Ivory Tower B: Preparing Geographers for Careers in Government and Nonprofits

Sunday, February 26, 8:00 a.m. - 9:40 a.m.

Room: Morgan Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Applied Geography Specialty Group, Private/Public Affinity Group

Diversity Ambassadors in Jobs in Geography Center

Sunday, February 26, 11:00 a.m. - 4:00 p.m.

Room: AAG Exhibit Hall, Rhinelander Gallery and Americas Hall I, Hilton

Sponsored by AAG ALIGNED Diversity Project

Career Mentoring Session in Jobs in Geography Center

Sunday, February 26, 1:00 p.m. - 4:00 p.m.

Room: AAG Exhibit Hall, Rhinelander Gallery and Americas Hall I, Hilton

Sponsored by AAG EDGE Project

3616: Diversity in the Geographic Workforce

Sunday, February 26, 4:40 p.m. - 6:20 p.m.

Room: Morgan Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, AAG ALIGNED Diversity Project, Ethnic Geography Specialty Group

3641: Civilian Geographers Working for the US Army Geospatial Center [AGC]

Sunday, February 26, 4:40 p.m. - 6:20 p.m.

Room: Midtown Suite, Hilton, Fourth Floor

Sponsored by Military Geography Specialty Group, Private/Public Affinity Group, Cartography Specialty Group

(continued on next page)

JOBS IN GEOGRAPHY (JIG)

Monday, February 27 (Spotlight on Academic Careers)

4115: Networking and Professionalization Opportunities for Early Career Biogeographers

Monday, February 27, 8:00 a.m. - 9:40 a.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by Biogeography Specialty Group

4215: Internships and Work-Based Learning as Career Preparation

Monday, February 27, 10:00 a.m. - 11:40 a.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Applied Geography Specialty Group, Private/Public Affinity Group

4415: Optimizing your Curriculum Vitae

Monday, February 27, 12:40 p.m. - 2:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by Biogeography Specialty Group

Career Mentoring Session in Jobs in Geography Center

Monday, February 27, 1:00 p.m. - 3:00 p.m.

Room: AAG Exhibit Hall, Rhinelander Gallery and Americas Hall 1, Hilton

Sponsored by AAG EDGE Project

4515: Getting Your First Academic Job

Monday, February 27, 2:40 p.m. - 4:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Geography Faculty Development Alliance (GFDA)

4536: Researching and Improving Geography Graduate Education for STEM Careers

Monday, February 27, 2:40 p.m. - 4:20 p.m.

Room: Green Room, Hilton, Fourth Floor

Sponsored by AAG EDGE Project, Graduate Student Affinity Group

4567: China Specialty Group: How to Get an Academic Job

Monday, February 27, 2:40 p.m. - 4:20 p.m.

Room: Liberty 5, Sheraton, Third Floor

Sponsored by China Specialty Group

4615: The Academic Job Market for Geographers

Monday, February 27, 4:40 p.m. - 6:20 p.m.

Room: Madison Suite, Hilton, Second Floor

Sponsored by AAG EDGE Project, Graduate Student Affinity Group, Geography Faculty Development Alliance (GFDA)

Tuesday, February 28

5215: Working Abroad: International Job Opportunities for Geographers

Tuesday, February 28, 10:00 a.m. - 11:40 a.m.

Room: Madison Suite, Hilton, Second Floor

For resources and information on
geography careers,
visit us online:

www.aag.org/careers

Sponsored by AAG EDGE Project

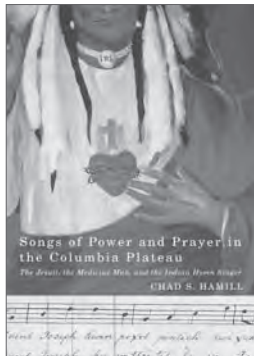


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Songs of Power and Prayer in the Columbia Plateau

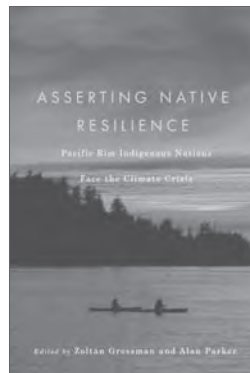
The Jesuit, the Medicine Man, and the Indian Hymn Singer

By Chad S. Hamill

Explores the role of song as a transformative force in the twentieth century, tracing a cultural, spiritual, and musical encounter that upended notions of indigeneity and the rules of engagement for Indians and priests in the Columbia Plateau.

Paper, 6 x 9, \$21.95

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Asserting Native Resilience

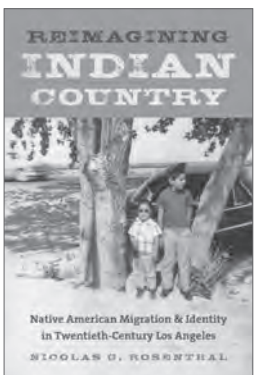
Pacific Rim Indigenous Nations Face the Climate Crisis

Edited by Zoltán Grossman and Alan Parker

Presents a rich variety of perspectives on Indigenous responses to the climate crisis, reflecting the voices of more than twenty contributors, including tribal leaders, Native and non-Native scientists, scholars, and activists from the Pacific Northwest, British Columbia, Alaska, and Aotearoa/New Zealand.

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Reimagining Indian Country

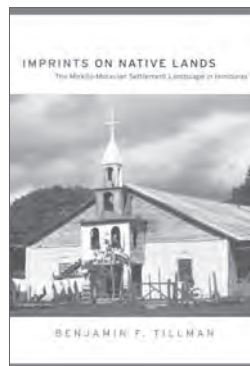
Native American Migration and Identity in Twentieth-Century Los Angeles

By Nicolas G. Rosenthal

This book reorients our understanding of the experience of American Indians by tracing their migration to cities, exploring the formation of urban Indian communities, and delving into the shifting relationships between reservations and urban areas from the early twentieth century to the present.

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Imprints on Native Lands

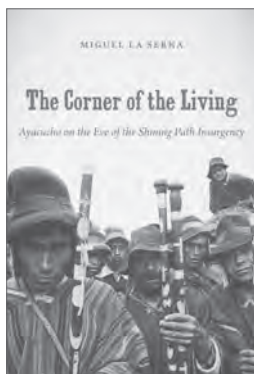
The Miskito-Moravian Settlement Landscape in Honduras

By Benjamin F. Tillman

Tillman documents Moravian contributions to the Miskito settlement landscape in sixty-four villages of eastern Honduras through field observations of material culture, interviews, and primary sources in archives. Tillman maps a hierarchy of Moravian centers, illustrating spatially varying degrees of influence.

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The Corner of the Living

Ayacucho on the Eve of the Shining Path Insurgency

By Miguel La Serna

Peru's Indigenous peoples played a key role in the tortured tale of Shining Path guerrillas. Emphasizing the years 1980 to 2000 when 69,000 people lost their lives, La Serna asks why some Andean peasants chose to embrace Shining Path ideology and others did not.

Paper, 6.125 x 9.25, \$29.95

Cloth, 6.125 x 9.25, \$65.00

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Eating the Landscape

American Indian Stories of Food, Identity, and Resilience

By Enrique Salmon

Traversing a range of Indigenous communities, this book journeys through the southwest United States and northern Mexico. Salmon weaves historical and cultural knowledge with stories American Indian farmers have shared with him to illustrate how traditional Indigenous foodways are rooted in environmental stewardship.

Paper, 6 x 9, \$19.95

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Spaces between Us

Queer Settler Colonialism and Indigenous Decolonization

By Scott Lauria Morgensen

Explores the intimate relationship of non-Native and Native sexual politics in the United States, explaining how relational distinctions of "Native" and "settler" define the status of being "queer."

Paper, 5.5 x 8.5, \$25.00

Cloth, 5.5 x 8.5, \$75.00

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A Chosen People, a Promised Land

Mormonism and Race in Hawai'i

By Hokulani K. Aikau

Using the words of Native Hawaiian Latter-Day Saints to illuminate the intersections of race, colonization, and religion, this book examines Polynesian Mormon faith and identity within a larger political context of self-determination.

Paper, 5.5 x 8.5, \$22.50

Cloth, 5.5 x 8.5, \$67.50

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SPECIAL EVENTS AND MEETINGS SUMMARY

(See pages 40-41 for a listing of Specialty and Affinity Group Business Meetings)

WEDNESDAY, FEBRUARY 22

AAG Committee on Committees Meeting

Wednesday, February 22, 10:00 a.m. - 12:00 p.m.
(Hudson Suite, Hilton, Fourth Floor)

AAG Finance Committee Meeting

Wednesday, February 22, 11:00 a.m. - 2:30 p.m.
(New York Suite, Hilton, Fourth Floor)

AAG Council Meeting

Wednesday, February 22, 3:00 p.m. - 7:00 p.m.
Thursday, February 23, 8:00 a.m. - 4:00 p.m.
Friday, February 24, 8:00 a.m. - 1:00 p.m.
(New York Suite, Hilton, Fourth Floor)

THURSDAY, FEBRUARY 23

Community Economies Collective Workshop

Thursday, February 23, 9:00 a.m. - 5:00 p.m.
(Green Room, Hilton, Fourth Floor)

Applied Geography Conference Board of Directors Meeting

Thursday, February 23, 7:30 p.m. - 8:30 p.m.
Friday, February 24, 5:30 p.m. - 6:30 p.m.
(Hilton Board Room, Hilton, Fourth Floor)

FRIDAY, FEBRUARY 24

Robert Groves, Director, US Census Bureau, "Visualization of Statistical and Spatial Data for Decision Making"

Friday, February 24, 11:40 a.m. - 12:50 p.m.
(Trianon Ballroom, Hilton, Third Floor)

Improving AAG Regional Meeting Participation

Friday, February 24, 12:40 p.m. - 2:20 p.m.
(Lincoln Suite, Hilton, Fourth Floor)

The Euro Crisis

Friday, February 24, 4:40 p.m. - 6:20 p.m.
(Concourse E, Hilton, Concourse Level)

AAG Presidential Plenary: "The City Beyond Symbolism"

Friday, February 24, 6:30 p.m. - 8:00 p.m.
(Sutton Parlor Center, Hilton, Second Floor)

Graduate Student Affinity Group Reception

Friday, February 24, 6:30 p.m. - 8:00 p.m.
(Madison Suite, Hilton, Second Floor)

SATURDAY, FEBRUARY 25

GTU Board Meeting

Saturday, February 25, 8:00 a.m. - 12:00 p.m.
(Americas Hall II-A, Hilton, Third Floor)

Cartography and Geographic Information Society (CaGIS) Board Meeting

Saturday, February 25, 9:00 a.m. - 5:00 p.m.
(Hilton Board Room, Hilton, Fourth Floor)

AAG Jobs in Geography (JIG) Center

Saturday, February 25, 11:00 a.m. - 4:00 p.m.
Sunday, February 26, 11:00 a.m. - 4:00 p.m.
Monday, February 27, 11:00 a.m. - 3:00 p.m.
(Americas Hall I, Hilton, Third Floor)

AAG Department Chairs Luncheon

Saturday, February 25, 11:40 a.m. - 2:00 p.m.
(Mercury Ballroom, Hilton, Third Floor)

AAG Specialty and Affinity Group Chairs Meeting and Group Discussion, Training and Tech Support

Saturday, February 25, 11:40 a.m. - 12:50 p.m.
(Petit Trianon, Hilton, Third Floor)

Anne Castle, Assistant Secretary for Water & Sciences, US Department of the Interior, "Landsat at 40 - Prime Productive Years or Mid-Life Crisis?"

Saturday, February 25, 11:40 a.m. - 12:50 p.m.
(Trianon Ballroom, Hilton, Third Floor)

African Geographical Review Editorial Board Meeting

Saturday, February 25, 12:00 p.m. - 2:00 p.m.
(Conference Room G, Sheraton, Lower Level)

The UN and Sustainable Development: 20 Years after Rio

Saturday, February 25, 12:40 p.m. - 2:20 p.m.
(Concourse E, Hilton, Concourse Level)

Preparations for Rio+20 and Beyond

Saturday, February 25, 2:40 p.m. - 4:20 p.m.
(Concourse E, Hilton, Concourse Level)

James Anderson Distinguished Lecture in Applied Geography, "Land Classification Research: Retrospective and Prospects", by Michael DeMers, New Mexico State University

Saturday, February 25, 2:40 p.m. - 4:20 p.m.
(Madison Suite, Hilton, Second Floor)

Roepke Lecture in Economic Geography, "Who Needs the Nation-State?" by Dani Rodrik, Harvard University

Saturday, February 25, 2:40 p.m. - 4:20 p.m.
(Trianon Ballroom, Hilton, Third Floor)

Science in Support of Sustainable Development and Human Rights in East Africa

Saturday, February 25, 4:40 p.m. - 6:20 p.m.
(Concourse E, Hilton, Concourse Level)

US National Committee to ICA

Saturday, February 25, 5:00 p.m. - 6:00 p.m.
(Americas Hall II - A, Hilton, Third Floor)

SPECIAL EVENTS AND MEETINGS SUMMARY

(See pages 40-41 for a listing of Specialty and Affinity Group Business Meetings)

Finding and Referencing Old Maps Online, featuring David Rumsey, Humphrey Southall, and Petr Pridal

Saturday, February 25, 6:00 p.m. - 7:00 p.m.
(New York Public Library, South Court Auditorium of the Schwarzman Building)

Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception

Saturday, February 25, 6:00 p.m. - 7:30 p.m.
(Nassau B, Hilton, Second Floor)

AAG Atlas Award to Mary Robinson: "Mapping the Future of Climate Change"

Saturday, February 25, 6:30 p.m. - 7:30 p.m.
(Sutton Parlor Center, Hilton, Second Floor)

Korean-American Association for Geospatial & Environmental Sciences Annual Meeting

Saturday, February 25, 6:30 p.m. - 7:30 p.m.
(Concourse E, Hilton, Concourse Level)

CPGIS (Chinese Professionals in Geographic Information Sciences) Business Meeting

Saturday, February 25, 6:30 p.m. - 9:00 p.m.
(Empire Ballroom West, Sheraton, Second Floor)

University of Maryland Department of Geographical Sciences Renaming Reception

Saturday, February 25, 7:00 p.m. - 9:00 p.m.
(Empire Ballroom East, Sheraton, Second Floor)

AAG International Reception in the Exhibit Hall

Saturday, February 25, 7:30 p.m. - 9:30 p.m.
(AAG Exhibit Hall: Rhinelander Gallery, Hilton, Second Floor & Americas Hall I, Hilton, Third Floor)

Texas State Geography Annual Reception

Saturday, February 25, 8:00 p.m. - 10:00 p.m.
(Gramercy Suite B, Hilton, Second Floor)

University of Delaware Alumni Reception

Saturday, February 25, 8:30 p.m. - 10:00 p.m.
(Concourse B, Hilton, Concourse Level)

SUNDAY, FEBRUARY 26

Organizational Meeting for a Geographers' Migration Research Network

Sunday, February 26, 8:00 a.m. - 9:40 p.m.
(Liberty 2, Sheraton, Third Floor)

Annals Editorial Board Meeting

Sunday, February 26, 10:00 a.m. - 11:00 a.m.
(Sutton Parlor Center, Hilton, Second Floor)

Geographical Analysis Editorial Board Meeting

Sunday, February 26, 11:30 a.m. - 1:30 p.m.
(Hilton Board Room, Hilton, Fourth Floor)

Supporting Women in Geography Roundtable Discussion

Sunday, February 26, 11:40 a.m. - 2:20 p.m.
(Americas Hall II - A, Hilton, Third Floor)

AAG Honorary Geographer Saskia Sassen: "Analytic Tactics: Geography as Obstacle"

Sunday, February 26, 11:40 a.m. - 12:50 p.m.
(Sutton Parlor North, Hilton, Second Floor)

Myron Gutmann, Assistant Director for SBE Sciences, NSF, "Questions without Borders: Why Future Research Will Be Interdisciplinary and How We Can Foster It"

Sunday, February 26, 11:40 a.m. - 12:50 p.m.
(Trianon Ballroom, Hilton, Third Floor)

Snapshots: Geography in the World Today

Sunday, February 26, 2:40 p.m. - 6:20 p.m.
(Nassau B, Hilton, Second Floor)

AAG Past President's Address: "Building Community, Changing Culture" by Kenneth E. Foote

Sunday, February 26, 6:30 p.m. - 7:30 p.m.
(Sutton Parlor Center, Hilton, Second Floor)

Retired Geographers Organization Reception

Sunday, February 26, 6:30 p.m. - 7:30 p.m.
(Carnegie Suite East, Sheraton, Third Floor)

Memorial Reception for James Wheeler

Sunday, February 26, 6:30 p.m. - 8:30 p.m.
(Empire Ballroom East, Sheraton)
Sponsors: Association of American Geographers (AAG), SouthEastern Division of the Association of American Geographers (SEDAAG), and University of Georgia's Department of Geography

Minnesota Reception

Sunday, February 26, 8:00 p.m. - 11:00 p.m.
(Petit Trianon, Hilton, Third Floor)

Universities of the Great Plains Joint Reception (Kansas State University, University of Kansas, University of Nebraska, South Dakota State University, University of North Dakota)

Sunday, February 26, 8:00 p.m. - 11:00 p.m.
(Trianon Ballroom, Hilton, Third Floor)

University of Buffalo Reception

Sunday, February 26, 8:00 p.m. - 12:00 a.m.
(Mercury Rotunda, Hilton, Third Floor)

University of Georgia Reception

Sunday, February 26, 8:30 p.m. - 11:30 p.m.
(Empire Ballroom West, Sheraton, Second Floor)

Ohio State Geography Reception

Sunday, February 26, 9:00 p.m. - 11:00 p.m.
(Rendezvous Trianon, Hilton, Third Floor)

SPECIAL EVENTS AND MEETINGS SUMMARY

(See pages 40-41 for a listing of Specialty and Affinity Group Business Meetings)

MONDAY, FEBRUARY 27

PG Editorial Board Meeting

Monday, February 27, 10:00 a.m. - 11:00 a.m.
(Hilton Board Room, Hilton, Fourth Floor)

Rex Honey's Contributions to Geographic Research and to the AAG

Monday, February 27, 10:00 a.m. - 11:40 a.m.
(Mercury Ballroom, Hilton, Third Floor)

Gender, Place, and Culture Jan Monk Lecture in Feminist Geography Reception

Monday, February 27, 11:40 a.m. - 12:30 p.m.
(Nassau A, Hilton, Second Floor)

Jeffrey Sachs, Director, Earth Institute at Columbia University, "Geography and Sustainable Development"

Monday, February 27, 11:40 a.m. - 12:50 p.m.
(Trianon Ballroom, Hilton, Third Floor)

Diversity, Inclusion, and Participation in Geography

Monday, February 27, 12:40 p.m. - 6:20 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Mapping the News in the Age of Visualizations: the Art and Science of the NY Times Graphics Department

Monday, February 27, 12:40 p.m. - 2:20 p.m.
(Murray Hill Suite B, Hilton, Second Floor)

AAG ALIGNED Planning Toolkit for Enhancing Diversity in Departments

Monday, February 27, 2:40 p.m. - 4:20 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Reflections on Geographic Information Science: Paper Session in Honor of Michael Goodchild

Monday, February 27, 2:40 p.m. - 4:20 p.m.
(Murray Hill Suite B, Hilton, Second Floor)

Reflections on Geographic Information Science: Panel Session in Honor of Michael Goodchild

Monday, February 27, 4:40 p.m. - 6:20 p.m.
(Murray Hill Suite B, Hilton, Second Floor)

Reception in Honor of Michael Goodchild

Monday, February 27, 6:30 p.m. - 7:30 p.m.
(Murray Hill Suite A, Hilton, Second Floor)

Technical Support and Help Desk for New Specialty Group Chairs

Monday, February 27, 4:40 p.m. - 6:20 p.m.
(Hudson Suite, Hilton, Fourth Floor)

Building the National 9/11 Memorial: A Site of Memory and Remembrance

Monday, February 27, 6:30 p.m. - 7:30 p.m.
(New York Ballroom, Sheraton, Third Floor)

Paleoenvironmental Change SG Plenary Session & Reception

Monday, February 27, 6:30 p.m. - 7:30 p.m.
(Empire Ballroom West - Sheraton, Second Floor)

Memorial Reception for Wes Dow

Monday, February 27, 6:30 p.m. - 8:00 p.m.
(East Suite, Hilton, Fourth Floor)

World Geography Bowl

Monday, February 27, 7:00 p.m. - 10:30 p.m.
(Beekman Parlor, Regent Parlor, Sutton Parlor South, Sutton Parlor Center, Sutton Parlor North, Hilton, Second Floor)

TUESDAY, FEBRUARY 28

Panel Session Featuring Nicholas Kristof, *The New York Times*, Salil Shetty, Amnesty International, and Ivan Simonovic, Office of the UN High Commissioner for Human Rights

Tuesday, February 28, 10:00 a.m. - 11:40 a.m.
(Petit Trianon, Hilton, Third Floor)

AAG Annual Awards Luncheon

Tuesday, February 28, 12:15 p.m. - 2:00 p.m.
(Trianon Ballroom, Hilton, Third Floor)

AAG Business Meeting

Tuesday, February 28, 2:30 p.m. - 3:40 p.m.
(Harlem Suite, Hilton, Fourth Floor)

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SPECIALTY AND AFFINITY GROUP BUSINESS MEETINGS

Africa Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Green Room, Hilton, Fourth Floor)

Animal Geography Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Conference Room D, Sheraton, Lower Level)

Applied Geography Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(New York Suite, Hilton, Fourth Floor)

Asian Geography Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Conference Room H, Sheraton, Lower Level)

Bible Geography Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Conference Room C, Sheraton, Lower Level)

Biogeography Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Conference Room D, Sheraton, Lower Level

Business Geography Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Concourse C, Hilton, Concourse Level)

Canadian Studies Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Green Room, Hilton, Fourth Floor)

Cartography Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Harlem Suite, Hilton, Fourth Floor)

China Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Liberty 5, Sheraton, Third Floor)

Climate Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Concourse A, Hilton, Concourse Level)

Coastal and Marine Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Liberty 5, Sheraton, Third Floor)

Communication Geography Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Liberty 5, Sheraton, Third Floor)

Community College Affinity Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Lenox Ballroom, Sheraton, Second Floor)

Cryosphere Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Concourse F, Hilton, Concourse Level)

Cultural and Political Geography Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Concourse B, Hilton, Concourse Level)

Cultural Geography Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Concourse B, Hilton, Concourse Level)

Cyberinfrastructure Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Conference Room E, Sheraton, Lower Level)

Developing Geographies Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Conference Room H, Sheraton, Lower Level)

Disability Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Green Room, Hilton, Fourth Floor)

Economic Geography Specialty Group Business Meeting

Monday, February 27, 11:50 a.m. - 12:30 p.m.
(Empire Ballroom East, Sheraton, Second Floor)

Energy and Environment Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Conference Room E, Sheraton, Lower Level

Environmental Perception and Behavioral Geography Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Morgan Suite, Hilton, Second Floor)

Ethics, Justice, and Human Rights Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Ethnic Geography Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Green Room, Hilton, Fourth Floor)

European Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Green Room, Hilton, Fourth Floor

Geographic Information Science and Systems Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Riverside Ballroom, Sheraton, Third Floor)

Geographic Perspectives on Women Specialty Group Business Meeting

Sunday, February 26, 11:50 a.m. - 12:30 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Geographies of Food and Agriculture Specialty Group Business Meeting

Monday, February 27, 11:50 a.m. - 12:30 p.m.
(Gramercy Suite A, Hilton, Second Floor)

Geography Education Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Concourse C, Hilton, Concourse Level)

Geomorphology Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Midtown Suite, Hilton, Fourth Floor)

SPECIALTY AND AFFINITY GROUP BUSINESS MEETINGS

Graduate Student Affinity Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Green Room, Hilton, Fourth Floor)

Hazards Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Health and Medical Geography Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
Harlem Suite, Hilton, Fourth Floor

Historical Geography Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Conference Room H, Sheraton, Lower Level)

History of Geography Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Conference Room H, Sheraton, Lower Level)

Human Dimensions of Global Change Specialty Group Business Meeting

Monday, February 27, 6:30 p.m. - 7:30 p.m.
(Gramercy Suite B, Hilton, Second Floor)

Indigenous Peoples Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Concourse A, Hilton, Concourse Level)

Landscape Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Holland Suite, Hilton, Fourth Floor)

Latin America Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Liberty 5, Sheraton, Third Floor)

Middle East Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Concourse A, Hilton, Concourse Level)

Military Geography Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Lenox Ballroom, Sheraton, Second Floor)

Mountain Geography Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Holland Suite, Hilton, Fourth Floor)

Paleoenvironmental Change Specialty Group Business Meeting

Monday, February 27, 11:50 a.m. - 12:30 p.m.
(Liberty 5, Sheraton, Third Floor)

Political Geography Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Conference Room H, Sheraton, Lower Level

Population Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Harlem Suite, Hilton, Fourth Floor)

Private/Public Affinity Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Mercury Rotunda, Hilton, Third Floor)

Qualitative Research Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Concourse F, Hilton, Concourse Level)

Recreation, Tourism, and Sport Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Liberty 5, Sheraton, Third Floor

Regional Development and Planning Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Mercury Rotunda, Hilton, Third Floor)

Remote Sensing Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Concourse D, Hilton, Concourse Level)

Retired Geographers Affinity Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Carnegie Suite East, Sheraton, Third Floor)

Rural Geography Specialty Group Business Meeting

Sunday, February 26, 8:00 p.m. - 9:00 p.m.
(Concourse C, Hilton, Concourse Level)

Russian, Central Eurasian, and East European Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Concourse D, Hilton, Concourse Level)

Sexuality and Space Specialty Group Business Meeting

Sunday, February 26, 7:00 p.m. - 8:00 p.m.
(Concourse C, Hilton, Concourse Level)

Socialist and Critical Geography Specialty Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Central Park East, Sheraton, Second Floor)

Spatial Analysis and Modeling Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Morgan Suite, Hilton, Second Floor)

Stand-Alone Geographers Affinity Group Business Meeting

Monday, February 27, 7:00 p.m. - 8:00 p.m.
(Holland Suite, Hilton, Fourth Floor)

Study of the American South Specialty Group Business Meeting

Saturday, February 25, 8:30 p.m. - 9:30 p.m.
(Midtown Suite, Hilton, Fourth Floor)

Transportation Geography Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Riverside Ballroom, Sheraton, Third Floor

Urban Geography Specialty Group Business Meeting

Monday, February 27, 8:00 p.m. - 9:00 p.m.
Central Park East, Sheraton, Second Floor

Water Resources Specialty Group Business Meeting

Saturday, February 25, 7:30 p.m. - 8:30 p.m.
(Midtown Suite, Hilton, Fourth Floor)

Wine Specialty Group Business Meeting

Monday, February 27, 11:50 a.m. - 12:30 p.m.
(Conference Room C, Sheraton, Lower Level)

SPECIAL DISPLAYS

CGSG Landscape Photography Exhibition

Saturday, February 25 - Monday, February 27

Location: Second Floor Lobby, Hilton (near AAG Registration Desk)

The Landscape Photography Exhibition has been part of CGSG programming since the 2009 meeting in Las Vegas. In its three years, it has showcased photographs with short descriptive captions from both fieldwork and more everyday encounters with cultural landscapes. Unique at the conference, it provides geographers opportunity to share images and stories that perhaps receive less attention in their paper presentations and panel comments. The exhibit will be located near the AAG Registration Desk in the lobby on the Second Floor of the Hilton, from Saturday February 25th through Monday February 27. Please contact Nick Crane (crane.61@osu.edu) or Ramin Zamanian (raminz@okstate.edu) with any questions about the exhibit.

The New School: “Layered SPURA” Exhibition and Field Trip

Curator Gabrielle Bendiner-Viani has extended the exhibition, “Layered SPURA: Spurring Conversations through Visual Urbanism” at the New School through Saturday, February 25, in order to coincide with the AAG Annual Meeting. She will lead an AAG field trip to the exhibition on Friday. Both events are part of the track of sessions on Geography & Humanities.

Gallery Tour of Torn in Two: the 150th Anniversary of the Civil War

Thursday, February 23, 3:00 p.m. - 4:00 p.m.

Friday, February 24, 10:00 a.m. - 11:00 a.m.

Friday, February 24, 2:00 p.m. - 3:00 p.m.

Ronald E. Grim, Ph. D. in historical geography and Curator of the Norman B. Leventhal Map Center at the Boston Public Library, will provide gallery tours of the Map Center’s map-focused exhibition, currently on display at The Grolier Club. This unique exhibition explores and illuminates the causes, conduct, and historical record of the Civil War through maps and other historic items. The display showcases 50 objects including maps, photographs, prints, diaries, political cartoons, music, and newspapers of the period. The overarching theme of the exhibition is the central role geography played in the causes, conduct, consequences, and commemoration of the American Civil War.

Directions: The Grolier Club is located at 47 East 60th Street. It is a fifteen minute walk (0.7 miles) from the conference hotel. Walk north on 6th Avenue, right on West 54th Street, left on 5th Avenue (notice the Gen. William T. Sherman memorial between 58th and 59th Streets on 5th Avenue), right on East 6th Street.

*To sign up for one of these tours, please visit the AAG Registration Desk located in the Second Floor Lobby of the Hilton.

New York Museums

Just two blocks from the Annual Meeting hotels, the Metropolitan Museum of Art recently re-opened its 30,000 square-foot American Wing following a massive renovation. The Met’s holdings of American Art are particularly rich in the works of the great masters, including Emanuel Gottlieb Leutze (*Washington Crossing the Delaware*), John Singleton Copley (*Daniel Crommelin Verplanck*), Gilbert Stuart (*George Washington*), Thomas Cole (*The Oxbow*), Church (*The Heart of the Andes*), Winslow Homer (*Prisoners from the Front*), Thomas Eakins (*Max Schmitt in a Single Scull*), and John Singer Sargent (*Madame X*). A walking guide, diagrams of the gallery space and more are available at www.metmuseum.org/collections/new-installations/american-wing.

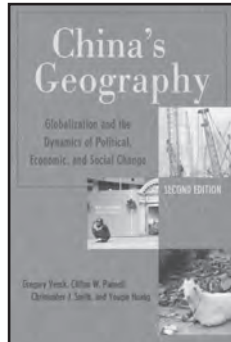
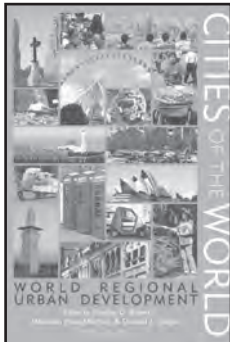
Numerous other New York museums, and galleries are within easy reach for conference-goers, including the Guggenheim Museum (www.guggenheim.org), the Museum of Modern Art (www.moma.org), the American Folk Art Museum (www.folkartmuseum.org), the American Museum of Natural History (www.amnh.org), the New Museum (www.newmuseum.org), the Brooklyn Museum (www.brooklynmuseum.org), the Whitney Museum of American Art (<http://www.whitney.org>), the New-York Historical Society (www.nyhistory.org), the Jewish Museum (www.thejewishmuseum.org), and the Paley Center for Media (formerly the Museum of TV and Radio, www.paleycenter.org). Listings of New York’s museums are available at www.ny.com/museums.

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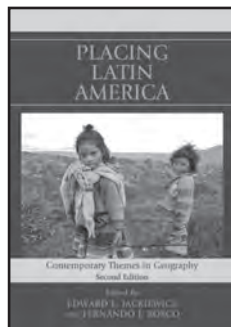
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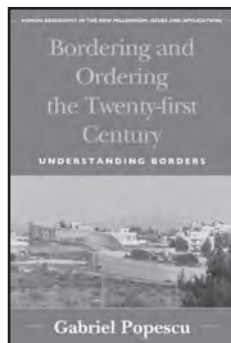
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NEWCOMERS'

Welcome to the Annual Meeting! This guide has been created by the Graduate Student Affinity Group and AAG staff to introduce you to the meeting and help you make the most of it!

General Tips

- ***Pace yourself!*** – With so much going on, you can't possibly do it all, so prioritize your activities. Get some rest so you can fully appreciate the conference's offerings, and set aside some time to explore the city, as this can be a valuable learning experience in itself.
- ***Finding sessions*** – Search the online conference program to identify topics, speakers, and sessions of interest. Each Specialty Group (SG) chooses one session to highlight in the program that showcases their focus or subdiscipline. Other high-profile sessions include plenary talks, keynotes, and sets of sessions organized around the conference themes. Consider making a schedule to print out or transfer to a smartphone.
- ***Session etiquette*** – Leave and enter quietly if you come or go in the middle of a session. If the room is full, find a seat on the floor or stand in the back.
- ***Food*** – Consider bringing snacks and beverages to save time and money during lunch breaks.
- ***Networking*** – If networking with specific people is high on your list of priorities for this meeting, try to attend their sessions, or email them ahead of time with a request to connect at the meeting. Bring business cards to give to new contacts.
- ***What to wear*** – “Business casual” attire is appropriate for all conference events.
- ***Presenting*** – Check out the room before you present. Have your presentation saved in two formats in case a computer can't read your file. Introducing yourself to your co-presenters is a good way to network and share ideas. Consider taking some “time off” before your session to maintain your focus. Be respectful of time limits and come well-prepared, having thoroughly rehearsed your presentation.

Session Types

- ***Paper sessions*** – Each presenter speaks for 15-20 minutes including Q&A. SGs often organize special paper sessions on specific topics of interest. You are not required to submit a copy of your paper.
- ***Panel sessions*** – After preliminary comments, the panelists engage in a discussion with Q&A from the audience.
- ***Poster sessions*** – Presenters are available to discuss their posters for the duration of the session.
- ***Illustrated paper sessions*** – Presenters give brief talks about their posters, and afterwards attendees can get a closer look and ask questions.
- ***Plenary sessions*** – Several plenary sessions featuring highly distinguished speakers are hosted by the AAG, and some specialty groups organize topical plenary talks.
- ***“Author meets critics” sessions*** – These sessions are organized like panel sessions, where audience members and panelists comment on a book and discuss it with its author.

Events for Students & Newcomers

Welcome to the AAG Annual Meeting! Navigating
and Making the Most of the Conference
An “orientation” panel session for first-time attendees
Friday, February 24
8:00-9:20 am

Graduate Student Affinity Group Plenary Session:
How I survived graduate school and landed a
tenure-track position (and had a baby)
Dr. Kate Swanson
(followed by a GSAG reception)
Friday, February 24
4:40-6:20 pm

International Reception
Rhineland and Americas Hall
Saturday, February 25
7:30-9:30pm

GUIDE TO THE AAG MEETING

Receptions

- The AAG hosts large receptions in the Exhibit Hall where you can interact with exhibitors and vendors while chatting with friends and colleagues and meeting new people. Free drink tickets are included in the registration packets.
- Several departments hold their own receptions, which are great networking opportunities. See the program and bulletin boards for details.
- SGs sometimes hold receptions, often following their plenary sessions. These are more intimate gatherings where you can meet people doing research in your areas of interest.
- If you haven't already, join listserves and AAG Knowledge Communities related to your areas of interest to receive announcements about other social activities and special events happening at the meeting.
- Winners of student awards and recipients of AAG honors are recognized at the Awards Luncheon, held on the last day of the conference. Tickets can be purchased in advance or at the On-Site Registration booth.

Events & Activities

- **Field trips & workshops** – See the program for opportunities to explore the city with knowledgeable guides and to find workshops on a variety of topics. Sign up early; these fill quickly.
- **Exhibit Hall** – The Exhibit Hall is a good place to mingle while browsing the booths of exhibitors and vendors (including major geography journal and book publishers). Books and journals are offered for sale and might be discounted for conference attendees.
- **Jobs in Geography (JIG) Center** – The JIG Center, located within the Exhibit Hall, offers career advice, job postings, resources, and networking opportunities for professionals, students, and job seekers.

- **Specialty & Affinity Group meetings** – Even if you are not yet a member, consider attending a SG business meeting. Although these are not information sessions, they offer the chance to learn more about that group's activities and to meet others who share your research interests.

Planning Ahead

- Conference fees are discounted for early registration, so register as soon as possible to reduce costs.
- If you plan to present a paper or poster at the Annual Meeting, remember that abstracts are due several months in advance. Deadlines and registration information can be found at: <http://www.aag.org/annualmeeting>.
- Many specialty groups give awards for outstanding student papers and posters presented during the Annual Meeting. Details vary by specialty group and may be posted on the SG websites, in SG newsletters, and in the *AAG Newsletter*.
- The AAG provides a subsidy to registered conference attendees for qualified child care expenses incurred during the meeting. For information and eligibility requirements, visit: <http://www.aag.org/annualmeeting/childcare>.
- Students and unemployed or underemployed geographers who are AAG members may apply to serve as conference volunteers to help offset their meeting registration costs. The application deadline is a few months prior to the Annual Meeting. More information is available at: http://www.aag.org/annualmeeting/get_involved/conference_volunteers.

Questions? Visit the AAG Booth or the Registration Desk to speak with a member of the AAG staff.

WORKSHOPS

THURSDAY, FEBRUARY 23

2. Open Source Tools for GIS: an Introduction

Thursday, February 23, 1:00 p.m. - 4:00 p.m.

Organizer: Albur Decatur, Clark University

Instructor: Tom Hamill, Clark University

Workshop Capacity: 20

Cost/person: \$26

Room: Midtown Suite, Hilton, Fourth Floor

What if you had access to a suite of geospatial technologies to help disaster relief efforts, correct and classify satellite imagery, and collaborate with colleagues to make and share maps across the internet? What if everyone had access to all these tools for Free? We do!

This workshop introduces open source GIS tools like Quantum GIS, GRASS GIS, and GDAL/OGR. Not only are these tools a Free alternative to commercial products, they are also a convenient way to batch repetitive tasks and create unique solutions to challenging problems. No programming experience required. Participants must have a laptop.

FRIDAY, FEBRUARY 24

19. Low Cost GPS Solutions

Friday, February 24, 8:00 a.m. - 10:00 a.m.

Organizer/Instructor: Stacey D. Lyle, Geographic and Land Information Society

Workshop Capacity: 30

Cost/person: \$19

Room: Grand Ballroom West, Hilton, Third Floor

This course will show users how to use low cost GPS to achieve highly accurate positioning for mapping. This is a fully digital course. Attendees will receive access to Free GPS processing software, map server software, and datasets. This course is intended to share available software to geospatial scientists.

25. Soil Water Content Measurement Methods and Field Applications

Friday, February 24, 8:00 a.m. - 10:00 a.m.

Organizer/Instructor: Jordan Tanasse, Dr. Colin Campbell, Decagon Devices, Inc.

Workshop Capacity: 30

Cost/person: \$16

Room: Grand Ballroom East, Hilton, Third Floor

Decagon Devices will give an overview of soil water content measurements, including the theory behind the measurement and appropriate methods for different types of field research. Dr. Campbell will give an overview of the main measurement techniques, including gravimetric sampling, dielectric methods including TDR, TDT, and FDR/capacitance, neutron probe, and dual needle heat pulse. Participants in the seminar will gain an understanding of the fundamentals behind each of the methods and in what situation each may apply. The practicum section of the workshop includes sensor calibration and interpreting TDR traces.

26. Measurement Methods for Plants and Canopies

Friday, February 24, 10:15 a.m. - 12:15 p.m.

Organizer/Instructor: Jordan Tanasse, Dr. Colin Campbell, Decagon Devices, Inc.

Workshop Capacity: 30

Cost/person: \$16

Room: Grand Ballroom East, Hilton, Third Floor

Decagon Devices will give an overview of light interception measurements at leaf, plant, and canopy scales. Radiation capture in plant canopies is closely tied to biomass production as well as energy partitioning. Light interception can also be used to determine leaf area index. Data collected using these measurement methods can be used in determining a variety of canopy cover values. Dr. Campbell will discuss leaf area index, radiation balance, and transmission coefficients. The practicum session of this workshop includes measurements of intercepted PAR, leaf area index, and NDVI.

3. Resume Roundtable

Friday, February 24, 12:40 p.m. - 2:20 p.m.

Organizer: Joy Adams, AAG

Workshop Capacity: 35

Cost/person: \$5

Room: Grand Ballroom West, Hilton, Third Floor

Sponsored by AAG EDGE Project

This workshop will help you develop a resume that will grab the attention of potential employers, communicate the value of your background in geography/geosciences, and effectively highlight your unique skills, experiences, and abilities. Panelists representing the business, government, nonprofit, and academic sectors will draw from their experiences as job seekers and as employers to discuss best practices before joining the workshop participants for small - group discussion and critique of their resumes. Participants are invited to circulate among the tables to receive feedback from multiple panelists, as they wish. Please bring five hard copies of your current resume to the workshop.

4. Web Mapping with GeoServer

Friday, February 24, 12:40 p.m. - 4:20 p.m.

Organizer/Instructor: Mike Pumphrey, OpenGeo

Workshop Capacity: 40

Cost/person: \$25 (includes wireless internet)

Room: Grand Ballroom East, Hilton, Third Floor

GeoServer is an open source software server that allows users to share and edit geospatial data on the web. At its core GeoSever is designed for interoperability; it can publish data from any major spatial data source using open standards. This workshop will teach you how to load, publish, and share geospatial data with GeoServer. Topics include navigating the GeoServer user interface, loading and publishing data, OGC web services, map creation and styling, and Google Earth integration. No prior experience with GeoServer is necessary, but familiarity with fundamental GIS concepts and/or web mapping is suggested.

WORKSHOPS

SATURDAY, FEBRUARY 25

5. Navigating the NIH: A Funding Opportunity & Grantsmanship Workshop for Geographers

Saturday, February 25, 8:00 a.m. - 9:40 a.m.

Organizers/Instructors: Regina M. Bures, Eunice Kennedy Shriver National Institute of Child Health and Human Development, Bethany Griffin Deeds, National Institute on Drug Abuse
Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

This workshop will provide an overview of the NIH grant application process and current funding opportunities for geographers at the National Institutes of Health (NIH). Participants will learn about the organizational structure of NIH, how to identify and contact the appropriate Program Officer, how to identify which mechanisms are most appropriate for their scientific ideas, and tips for working with Program Officers to prepare successful research proposals. They will also develop a better understanding of recent funding trends and the NIH Peer Review process and scoring system. There will be ample time for questions and discussion.

6. Starting and Expanding an Undergraduate Research Program & NSF Funding Opportunities in the Division of Undergraduate Education to Support Curriculum Improvement

Saturday, February 25, 8:00 a.m. - 11:40 a.m.

Organizer/Instructors: Jill Singer, Lydia Fox, Council on Undergraduate Research Geosciences Division
Workshop Capacity: 20

Cost/person: \$20

Room: Hudson Suite, Hilton, Fourth Floor

This interactive workshop is divided into two parts and is appropriate for graduate students seeking an academic position, early and mid-career faculty, and administrators. The first half of the workshop will cover topics related to establishing and expanding research opportunities for undergraduates either as part of coursework or through independent academic year and summer experiences. The second half of the workshop will provide advice about preparing proposals for submission to the NSF - TUES (Transforming Undergraduate Education in STEM) and general advice about writing successful proposals. The TUES program supports the acquisition of instrumentation, development of educational resources, and implementation of active learning pedagogies to improve undergraduate STEM education.

20. Funding Opportunities at the National Science Foundation (NSF) and the National Institutes of Health (NIH)

Saturday, February 25, 10:00 a.m. - 11:40 a.m.

Organizer/Instructor: Thomas Baerwald, NSF

Instructors: Antoinette WinklerPrins, NSF; David McGinnis, NSF; Bethany Deeds, NIH; Wilson Compton, NIH

Workshop Capacity: 40

Cost/person: Free

Room: New York Ballroom West, Sheraton, Third Floor

Representatives from NSF and NIH will make brief presentations regarding funding opportunities for geographers and scientists from related fields. They will discuss possibilities for support from a range of programs and competitions at NSF as well as different NIH institutes. Emphasis will be placed on descriptions of the kinds of research and related activity that each of these opportunities seeks to support. Opportunities will be provided to ask questions of speakers both in formal and informal settings.

21. Proposal - Writing Strategies for NSF Doctoral Dissertation Research Improvement (DDRI) Awards

Saturday, February 25, 12:40 p.m. - 2:20 p.m.

Organizer/Instructor: Antoinette WinklerPrins, NSF

Workshop Capacity: 40

Cost/person: Free

Room: New York Ballroom West, Sheraton, Third Floor

This is a workshop intended for graduate students and their advisor who wish to learn how to prepare proposals for a Doctoral Dissertation Research Improvement (DDRI) grant, which will provide up to \$16,000 to help fund doctoral dissertation research costs. Program officers from the Geography and Spatial Sciences Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They also will discuss the review process, including intellectual merit and broader impacts. The presentations will be followed by a question-and-answer opportunity.

7. Spatial Pattern Analysis: Mapping Trends and Clusters

Saturday, February 25, 12:40 p.m. - 2:20 p.m.

Organizer: Angela Lee, Esri

Instructor: Lauren Rosenshein, Esri

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

This session will introduce you to basic concepts of spatial pattern analysis using tools in the Spatial Statistics toolbox. It will demonstrate how these tools can help you summarize and evaluate geographic distributions, identify statistically significant spatial outliers and spatial clusters (hot spots), and assess broad geographic patterns and trends over time. With examples from a range of application areas such as epidemiology and demographics, the tools presented in this session will help you to find patterns and relationships in your data, facilitating discussion, contributing to research, and informing decision making.

WORKSHOPS

22. Proposal - Writing Strategies for NSF Faculty Early - Career Development (CAREER) Awards

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Organizer/Instructor: Thomas Baerwald, NSF

Workshop Capacity: 40

Cost/person: Free

Room: New York Ballroom West, Sheraton, Third Floor

This is a workshop intended for faculty members in geographer and related fields who are at assistant professors in tenure - track positions and who are interested in submitting a proposal for a CAREER grant. Program officers from the Geography and Spatial Sciences Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They also will discuss the review process, including intellectual merit and broader impacts. The presentations will be followed by a question - and - answer opportunity.

8. Uncork New York: A Taste of New York Wines

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Organizer: Greg Jones, AAG Wine Specialty Group, Jennifer Cooper, New York Wine & Grape Foundation

Instructor: Jim Trezise, New York Wine & Grape Foundation

Workshop Capacity: 40

Cost/person: TBD

Room: Americas Hall II-A, Hilton, Third Floor

New York is the third largest producer of grapes and wine in the United States, with more than 34,000 acres of vineyards, 309 wineries, and annual production of about 200 million bottles. The state grows more than 30 different winegrape varieties with Riesling being the "signature" variety (especially from the Finger Lakes region), and Merlot (especially from Long Island) the dominant red, but there are also many French - American and Native American varieties which remain very popular. Grapes are grown in nine American Viticultural Areas, with most of the production coming from the Finger Lakes but with all regions of the state growing. This workshop will provide an overview of New York's wine industry and a sampling of wines from around the state.

9. Modeling Spatial Relationships using Regression Analysis

Saturday, February 25, 2:40 p.m. - 4:20 p.m.

Organizer: Angela Lee, Esri

Instructor: Lauren Rosenshein, Esri

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

Regression analysis is a set of statistical methods used in many areas (e.g., business, health, natural resources, etc.). Ordinary least squares regression (OLS) and geographically weighted regression (GWR) allow you to examine, model, and explore data relationships to help answer "why?" questions such as "why do we see so much disease in particular areas?". Regression analysis also allows you to predict spatial outcomes for other places or time periods. This workshop will cover basic regression analysis concepts for the analysis of geographic data. You will learn how to build a properly specified OLS model and interpret the results and diagnostics.

23. Proposal - Writing Strategies for the NSF Geography and Spatial Sciences Program

Saturday, February 25, 4:40 p.m. - 6:20 p.m.

Organizer/Instructor: David McGinnis, NSF

Workshop Capacity: 40

Cost/person: Free

Room: New York Ballroom West, Sheraton, Third Floor

This is a workshop intended for faculty members and professional geographers (not graduate students) who engage in geographic research and who wish to learn how to prepare proposals for a regular research grants. Program officers from the Geography and Spatial Sciences Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They also will discuss the review process, including intellectual merit and broader impacts. The presentations will be followed by a question - and - answer opportunity.

SUNDAY, FEBRUARY 26

11. Free & Open Source GIS (FOSS4G) for Educators

Sunday, February 26, 8:00 a.m. - 11:40 a.m.

Organizer: Phil Davis, GeoTech Center

Instructor: Kurt Menke, Bird's Eye View & CNM

Workshop Capacity: 30

Cost/person: \$32 (includes handouts, coffee, DVDs)

Room: Americas Hall II-B, Hilton, Third Floor

The GeoTech Center, Central New Mexico Community College (CNM) & Bird's Eye View have created a complete course curriculum based on Free and Open Source Software for GIS (FOSS4G). This workshop will demonstrate the FOSS4G software and lesson materials available for educators to use in their classrooms immediately. If you have been interested in teaching a FOSS4G course or just want to know more about FOSS4G, but didn't know where to start, or where to find curriculum material, this workshop is for you. It is recommended that you bring a laptop. Live bootable FOSS4G DVD's will be provided.

WORKSHOPS

12. Using Cloud Computing to Teach Server GIS

Sunday, February 26, 12:40 p.m. - 2:20 p.m.

Organizer: Angela Lee, Esri

Instructor: Sterling Quinn, Esri

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

Teaching server GIS can be challenging in an environment where IT policies or lack of resources makes it impossible for each student to be apportioned his or her own physical machine. The Amazon Elastic Compute Cloud (EC2) can help solve this problem by allowing each student to run a public - facing virtual server on Amazon's hardware. This session demonstrates how to run Esri ArcGIS Server on Amazon EC2, with a focus on supporting the classroom. A case study describes how ArcGIS Server on Amazon EC2 is being used by Penn State University to teach online learners about GIS server administration.

13. A Viticultural and Enological Tour of New Jersey

Sunday, February 26, 2:40 p.m. - 4:20 p.m.

Organizer: Greg Jones, Southern Oregon University

Instructor: Daniel Ward, Rutgers Agricultural Research & Extension Center, Lawrence Coia, Coia Vineyards

Workshop Capacity: 40

Cost/person: TBD

Room: Americas Hall II-A, Hilton, Third Floor

New Jersey contains diverse cultural and environmental landscapes yielding diverse wine demand and wine production capabilities. From the mountains in the Northwest, to the 2.2 million acre outer coastal plain in the South, NJ spans four of the five Winkler climate regions. Many grape varieties are grown in NJ - the top five are: Chardonnay, Pinot Noir, Cabernet Sauvignon, Chambourcin, and Cabernet Franc. The favorable climates, excellent soils, and outstanding regional marketplace have positioned NJ to become the leader in high quality wine production for the Eastern US.

14. Publishing Maps and Resources using ArcGIS Online

Sunday, February 26, 2:40 p.m. - 4:20 p.m.

Organizer/Instructors: Angela Lee, Geri Pepe, Bern Szukalski, Esri

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

ArcGIS Online provides a platform for finding, sharing, and using maps and tools across the Web. Built on Esri's cloud infrastructure, it enables organizations to publish maps and data in a hosted environment managed by Esri, with no need for in - house server infrastructure. Attendees will get an overview of ArcGIS Online, including the types of resources that can be shared (maps, map tile and feature services, applications, code samples), and best practices for sharing. Resources can be organized within Groups, which can be either public or private, and can be useful for fostering collaboration around a common interest or project.

24. Speed - Dating with an NSF Program Officer

Sunday, February 26, 4:40 p.m. - 6:20 p.m.

Organizer/Instructors: David McGinnis, Antoinette WinklerPrins, Thomas Baerwald, Dr. Cheryl Evey, NSF; and recent NSF program officers

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-A, Hilton, Third Floor

This is a session designed to provide individuals or groups with informal opportunities to engage in discussions of up to 10 minutes in duration with a current or recent NSF program officer. The discussions should provide participants with the opportunity inquire about project ideas, proposal - writing strategies, funding opportunities, review processes, and other questions related to standing NSF programs like the Geography and Spatial Sciences (GSS) Program and the Dynamics of Coupled Natural and Human Systems (CNH) Program as well as special competitions like those in the Science, Engineering, and Education for Sustainability (SEES) initiative.

15. Creating Web Maps Using ArcGIS Web Mapping APIs

Sunday, February 26, 4:40 p.m. - 6:20 p.m.

Organizer/Instructor: Angela Lee, Geri Pepe, Esri

Workshop Capacity: 40

Cost/person: Free

Room: Americas Hall II-B, Hilton, Third Floor

The ArcGIS Web Mapping APIs make it simple for you to make your geographic data come to life as high - performing Web maps. Using Web Mapping APIs, you can mashup online services, GeoRSS and social media feeds, and tools and widgets to create custom web maps. Code samples and ready - to - deploy viewer applications that are Freely available through the ArcGIS Resource Centers enable you to create interactive maps for your own web site quickly and with little programming. The session highlights best practices and workflows for building fast and effective Web GIS applications to publish your information.

WORKSHOPS

MONDAY, FEBRUARY 27

16. School Attendance Boundary Information System: Unlocking the Potential of this New Data Resource

Monday, February 27, 8:00 a.m. - 11:40 a.m.
 Organizer/Instructor: David Van Riper, Minnesota Population Center
 Workshop Capacity: 20
 Cost/person: \$23
 Room: *Grand Ballroom East, Hilton, Third Floor*

The School Attendance Boundary Information System (SABINS) is a new NSF - funded data product that delineates school attendance areas, tabulates census data for the areas, and links the attendance areas to individual schools. SABINS is a powerful new resource for studying school segregation, residential and school choice, and impact of school quality on housing markets. This workshop provides an overview of SABINS and hands - on experience using the data. You will learn how to download SABINS data and use it in a geographic information system. Participants are required to bring a laptop with GIS software installed. Additional course information is available at <http://www.sabinsdata.org/news#AAGworkshop>

17. Travel Writing: Appreciation and Practice

Monday, February 27, 10:00 a.m. - 11:40 a.m.
 Organizer/Instructor: Susan Spano
 Workshop Capacity: 20
 Cost/person: \$13 (includes handouts)
 Room: *Grand Ballroom West, Hilton, Third Floor*
Sponsored by the Urban Geography Specialty Group

This workshop introduces participants to the art and craft of travel writing in an effort to awaken interest in the literature of geography and to sharpen the descriptive abilities of geographers. The practical aspects of travel writing - pitching, planning, research and note - taking, writing, re - writing, writing on assignment - will be explored and examples examined, including excerpts from pieces like:

The Incident in Naples, by Francis Steegmuller
Seasons at Eagle Pond, by Donald Hall
Between Meals: An Appetite for Paris, by A.J. Liebling
Mrs. Ma's Tigers, by Martha Gellhorn
Travels with a Donkey in the Cevennes, by Robert Louis Stevenson
Basin and Range, by John McPhee

27. Travel Writing: Appreciation and Practice (repeat of workshop #17)

Monday, February 27, 2:40 p.m. - 4:20 p.m.
 Organizer/Instructor: Susan Spano
 Capacity: 20
 Cost/person: \$13 (includes handouts)
 Room: *Grand Ballroom East*
 (see description for workshop #17)

10. AAG ALIGNED Planning Toolkit for Enhancing Diversity in Departments

Monday, February 27, 2:40 p.m. - 6:20 p.m.
 Organizer: Patricia Solis, AAG
 Instructor: Joy Adams, Astrid Ng, AAG
 Workshop Capacity: 20
 Cost/person: Free
 Room: *Harlem Suite, Hilton, Fourth Floor*

Where do we look to attract a more diverse group of students to our program? And what do we do once we find them? Undergraduate advisors, graduate program directors, department chairs, and others interested in broadening participation within geography/geoscience are welcomed to this Free demonstration and workshop session. The workshop will introduce the AAG's ALIGNED Toolkit developed by a project funded by the NSF to consolidate and develop resources that support departments in their efforts to enhance diversity. Participants should bring their own laptops to explore these online materials, including a clearinghouse of information as well as a mechanism to query spatial data and georeferenced demographic data. Discussions with an experienced panel of ALIGNED pilot department representatives will assist users to create or improve plans for engaging a more diverse community of potential students as well as for supporting underrepresented students currently enrolled in their programs.



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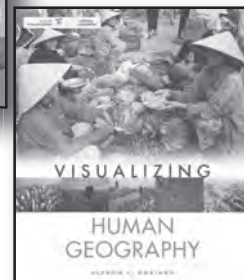
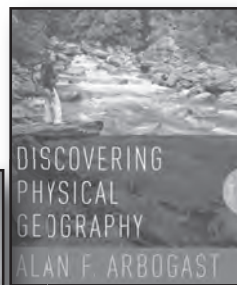
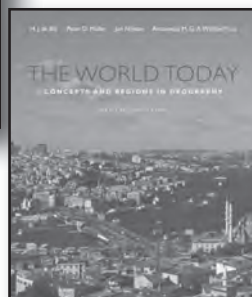
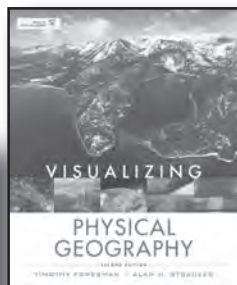
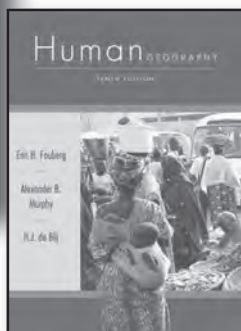
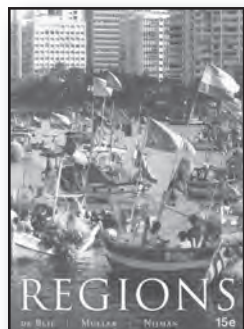
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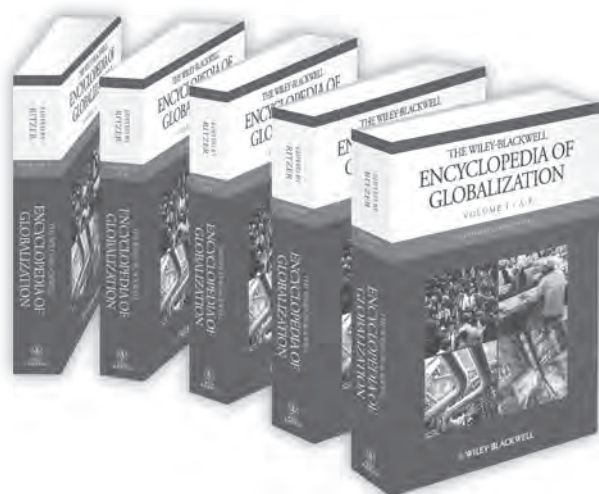
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FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

THURSDAY, FEBRUARY 23

1. The Hudson River Valley - "The Landscape that Defined America": History, Culture, Environmental Conservation and Urban Waterfront Revitalization

Thursday, February 23, 8:00 a.m. - 7:00 p.m.

Organizer/Leader: Harvey K. Flad, Vassar College

Co - Leader: Robert Henshaw, State University of New York Albany and New York State Department of Environmental Conservation

Trip Capacity: 35

Cost/person: \$118 (*includes transportation, coffee, lunch, admission fees, handouts*)

The Hudson River Valley National Heritage Area, declared by the US Congress in 1997 to be the "Landscape that defined America," has recently been proposed as the country's next National Park. This trip will travel north along the Hudson River from New York City to the middle Hudson Valley and the home, presidential library and museum of Franklin Delano Roosevelt in Hyde Park, NY. There will be ample opportunity to discuss the Hudson's many environmental challenges, including urban sewage disposal; transportation infrastructure; and electric power production, including nuclear. The valley's landscapes have been seminal in environmental conservation history as exemplified by Storm King Mountain and its legal case as the birth of the nation's environmental movement. The valley's history was a crucible of the American Revolution in the 18th century, while the landscapes and artists of the Hudson River School in the 19th century helped create America's cultural identity. After lunch at the FDR National Historic Site participants will have the opportunity to discuss many of these issues of land use conservation and national park planning with representatives from a number of non - profit preservation and environmental research organizations, as well as to visit FDR's museum, home and library. The trip will conclude with a stop in the City of Poughkeepsie to consider its revitalization activities on its Main Street and waterfront, and an end - of - day social hour. Bring: comfortable footwear, a warm jacket, camera and some change for drinks. For further information, see "The Hudson River Valley and the Geographical Imagination" in the May 2011 AAG Newsletter.

17. NOAA CREST program - Cooperative Remote Sensing Science and Technology Center at City College of New York, CUNY

Thursday, February 23, 8:15 a.m. - 5:15 p.m.

Organizer: Tom Fahy

Leader: Dr. Louis Uccellini, NOAA National Centers for Environmental Prediction

Trip Capacity: 50

Cost/person: Free (*includes bus transportation, lunch*)

Scholars and students will visit the CREST Center led by Dr. Louis Uccellini, Director of the NOAA National Centers for Environmental Prediction and President of the American Meteorology Society. Attendees will see a LIDAR demonstration from the Optical Remote Sensing Lab that focuses on the development of new technologies for remote sensing, and on the improvement of algorithms for the retrieval of geophysical parameters from the environmental monitoring of land, atmosphere and ocean, using remotely - sensed and ground - based data. Additionally, researchers will discuss the development of a global land emissivity product from the Advanced Microwave Scanning Radiometer - Earth Observing System (AMSR - E) data.

28. Fresh Kills in Transformation: From Dump to Park

Thursday, February 23, 10:00 a.m. - 2:30 p.m.

Organizer/Leader: Deborah Popper, College of Staten Island and Graduate Center, CUNY, Carrie Grassi, Fresh Kills Park

Trip Capacity: 20

Cost/person: \$5

At 2,200 acres, Fresh Kills Park will be almost three times the size of Central Park and the largest park developed in New York City in over 100 years. The transformation of what was formerly the world's largest landfill into a productive and beautiful cultural destination will make the park a symbol of renewal and an expression of how our society can restore balance to its landscape. In addition to providing a wide range of recreational opportunities, including many uncommon in the city, the park's design, ecological restoration and cultural and educational programming will emphasize environmental sustainability and a renewed public concern for our human impact on the earth.

While the full build-out will continue in phases for the next 30 years, development over the next several years will focus on providing public access to the interior of the site and showcasing its unusual combination of natural and engineered beauty, including creeks, wetlands, expansive meadows and spectacular vistas of the New York City region. Tour guides will discuss the site's history, engineering and landscape design, including the abundant flora and fauna that are returning to the area. The tour will take visitors to the tops of two of the site's four large landfill mounds, offering spectacular vistas of the expansive site as well as views of downtown Manhattan and all four of the Staten Island bridges. Participants should bring \$5 for subway fare (not included in the registration fee).

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

30. Gallery Tour of Torn in Two: the 150th Anniversary of the Civil War

Thursday, February 23, 3:00 p.m. - 4:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Boston Public Library

Trip Capacity: 25

Cost/person: Free

Ronald E. Grim, Ph. D. in historical geography and Curator of the Norman B. Leventhal Map Center at the Boston Public Library, will provide gallery tours of the Map Center's map-focused exhibition, currently on display at The Grolier Club. This unique exhibition explores and illuminates the causes, conduct, and historical record of the Civil War through maps and other historic items. The display showcases 50 objects including maps, photographs, prints, diaries, political cartoons, music, and newspapers of the period. The overarching theme of the exhibition is the central role geography played in the causes, conduct, consequences, and commemoration of the American Civil War.

Directions: The Grolier Club is located at 47 East 60th Street. It is a fifteen minute walk (0.7 miles) from the conference hotel. Walk north on 6th Avenue, right on West 54th Street, left on 5th Avenue (notice the Gen. William T. Sherman memorial between 58th and 59th Streets on 5th Avenue), right on East 6th Street).

FRIDAY, FEBRUARY 24

2. Challenges and Opportunities for Agriculture in a Rural - Urban Fringe Area

Friday, February 24, 7:00 a.m. - 6:00 p.m.

Organizer/Leader: Dawn M. Drake, Winona State University

Leader: Peggy Jackson, University of Tennessee

Trip Capacity: 25

Cost/person: \$106 (includes bus transportation, lunch, handouts, admission fees)

Sponsored by the AAG Rural Geography Specialty Group, Geographies of Food and Agriculture Specialty Group

As cities and suburbs continue to grow they threaten the viability of agricultural operations in expansion zones, but also provide new markets. This field trip will take participants to eastern Pennsylvania, allowing them to experience firsthand both challenges that farms face and opportunities they seize to grow their businesses. Stops will include Klein Farms, a producer of raw milk cheeses, the Farmhouse Restaurant for genuine farm - to - fork cuisine and a presentation from the Penn State Agricultural Extension, and Clover Hill Winery for a tour and tasting. Participants should dress to spend up to an hour in unheated areas during farm tours.

3. Queens County Farm Museum

Friday, February 24, 8:15 a.m. - 3:00 p.m.

Organizers: Jesse Abrams, Whitman College, Jill Clark, The Ohio State University

Organizer/Leader: Gina K. Thornburg, Kansas State University

Trip Capacity: 25

Cost/person: \$27 (includes admission fees, tasting fees- bring your own lunch and \$5 for public transportation)

Sponsored by the AAG Rural Geography Specialty Group, Geographies of Food and Agriculture Specialty Group

The museum sits on the longest continuously farmed site, dating from 1697, in New York state. The property houses historic farm buildings, a greenhouse complex, livestock, farm vehicles and implements, planting fields, an orchard, a vineyard, an herb garden, a wine shop, and a gift shop. The trip includes a one - hour farm tour, a farmhouse tour, animal feedings, and wine and cheese tasting. Bring a bagged lunch and beverage for consumption at the farm. Only 17 miles from the conference, this tour will provide a glimpse of the only working historical farm in NYC. For more information see <http://www.queensfarm.org/pdf/map.pdf>.

5. Jackson Heights: Where the World Comes Together

Friday, February 24, 8:30 a.m. - 12:00 p.m.

Organizer/Leader: Ines Miyares, Hunter College

Trip Capacity: 25

Cost/person: \$15 (includes subway fare, handouts)

Sponsored by the AAG Ethnic Geography Specialty Group, Latin America Specialty Group, and CLAG

Originally developed in the early 20th century as an exclusive community for white non - immigrant Protestants, Jackson Heights in Queens has become one of the most ethnically diverse immigrant neighborhoods in New York City and possibly the US. This subway and walking tour will examine the distinct ethnic economies along the route of the #7 train that serve immigrants from approximately 120 countries. The tour will focus on the contrasts between the economic landscapes of Latin America, the Indian Subcontinent, Korea and the Philippines, all of which radiate from the same intersection and subway station in the Jackson Heights neighborhood of Queens.

31. Gallery Tour of Torn in Two: the 150th Anniversary of the Civil War (repeat of field trip #30)

Friday, February 24, 10:00 a.m. - 11:00 a.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Boston Public Library

Trip Capacity: 25

Cost/person: free

See field trip #30 (Thursday) for description.

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

4. Flushing's Chinatown

Friday, February 24, 10:30 a.m. - 12:30 p.m.

Organizer/Leader: Jack Eichenbaum

Trip Capacity: 20

Cost/person: \$5

This immigrant destination and commercial center has come to rival its Manhattan antecedent. Taiwanese rather than Cantonese at its core, Flushing's Chinatown plays host to a variety of overseas Chinese groups and is adjacent to a Koreatown. Rezoning and greater land availability support unusual real estate developments including office buildings, hotels, residential condos, specialty shops, cultural institutions, and malls. Dine in more than 100 Asian restaurants. Participants will be provided with directions to the trip meeting point; please allow 45 - 60 minutes travel time.

Weather Advisory: Late February in NYC can be invigorating or downright nasty! This tour will be outdoors more than half the time. Wear layered clothing. Consider hats, scarves, gloves, footwear and umbrellas appropriate to weather conditions on the morning of the tour. *Cold weather meeting point - second floor of New World Mall on Roosevelt Ave. (Main St. last stop on #7 train)*

21. New York Public Library: The Lionel Pincus and Princess Firyal Map Division

Friday, February 24, 11:00 a.m. - 12:30 p.m.

Organizer/Leader: Matthew Knutzen, New York Public Library

Trip Capacity: 25

Cost/person: \$5

With more than 433,000 sheet maps and 25,000 atlases, The Lionel Pincus and Princess Firyal Map Division is the premier map research library collection in New York. This behind-the-scenes tour will highlight some of our most treasured collections as well as the division's glorious architecture.

32. Gallery Tour of Torn in Two: the 150th Anniversary of the Civil War (repeat of field trip #30)

Friday, February 24, 2:00 p.m. - 3:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Boston Public Library

Trip Capacity: 25

Cost/person: free

See field trip #30 (Thursday) for description.

33. Layered SPURA: Spurring Conversations through Visual Urbanism

Friday, February 24, 4:00 p.m. - 6:00 p.m.

Organizer/Leader: Gabrielle Bendiner-Viani, The New School & Buscoda

Trip Capacity: 25

Cost/person: \$8 (includes handout, bring money for metrocard)

Please join us for a tour and gallery talk at the Layered SPURA exhibit with exhibition curator Gabrielle Bendiner-Viani, a New School Urban Studies faculty member and co-founder of the interdisciplinary practice on place + dialogue, Buscoda.

The exhibition, a culmination of four years of student, faculty, and community collaboration, emerges from Bendiner-Viani's City Studio, a part of the New School's Urban Programs, and explores the Seward Park Urban Renewal Area (SPURA), a complex site of failed urban renewal and community concern on New York's Lower East Side. This exhibition does not suggest solutions for a place beleaguered by top-down planning, but rather hopes to spur new conversations amongst people with different points of view about SPURA's past, present and future. This field trip will include a tour of the exhibition and a discussion of the exhibition's hybrid art, urban geography, pedagogy and community collaborative approach. Each field trip attendee will also receive a takeaway artist's object for a self-guided tour of the contested New York neighborhood explored in this exhibition.

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

SATURDAY, FEBRUARY 25

26. Biting the Big Apple

Saturday, February 25, 8:00 a.m. - 8:00 p.m.

Organizer/Leader: Kevin Patrick, Indiana University of Pennsylvania

Trip Capacity: 25

Cost/person: \$120 (*includes lunch, admission fees, subway fare*)

This full-force feast on New York City is all about biting off more than can easily be chewed in a single day. Kevin Patrick offers up a platter full of Manhattan sights, sounds, smells, and tastes, covering the city from Central Park to Ground Zero by subway, foot, and fork. The trip highlights New York's cultural landscapes, built environments, and historical geography between bites of classic Big Apple cuisine that will include a traditional Irish breakfast, an impossibly stacked pastrami sandwich lunch, and a Little Italy pizza and wine supper, with some between meal bites of bagels, oysters, and cannoli. The trip will cover Midtown Manhattan with astounding views from the top of the GE Building at Rockefeller Center (weather permitting), and a walk-through examination of Times Square, 42nd Street, and Grand Central Station. The expedition will move on to explore the romantic landscapes of Olmsted and Vaux's Central Park, visit the Lower East Side origins of New York's modernist, mid-20th century housing projects, and then head Downtown to witness the World Trade Center rebuilding at Ground Zero. Our walk through the Financial District will briefly occupy Wall Street, the South Street Seaport, the Civic Center around City Hall Park, and the Brooklyn Bridge before crossing Chinatown for a sunset supper in Little Italy. The trip runs from 8am to 8pm, although subway bail-out points exist for those who have to leave early. Dress for the weather. The cost covers subway fares, meals, and a trip up to the Top of the Rock.

6. Pollution, Redevelopment and Gentrification: The Gowanus Canal on Foot

Saturday, February 25, 1:00 p.m. - 3:00 p.m.

Organizer/Leader: Jessica Miller, CUNY Graduate Center

Trip Capacity: 25

Cost/person: \$15 (*includes handouts, subway fare*)

This field trip will walk the group along and over the bridges of the Gowanus Canal, a man-made, formerly industrial canal in Brooklyn. It will focus on the history of the canal, from when the Dutch settled until now, a place in transition between an industrial zone to housing and commercial space. The tour will also discuss the extensive pollution found there, redevelopment plans, and gentrification currently taking place in the area.

7. The City by the Sea: An Immersion of Recreational Geography and Coastal Engineering in Long Beach, NY

Saturday, February 25, 11:00 a.m. - 3:00 p.m.

Organizer/Leader: Chelsea Gross, Frank Buonaiuto, Hunter College

Trip Capacity: 25

Cost/person: \$76 (*includes bus transportation, lunch*)

Long Beach is a high density, residential barrier island. The excursion will explore the coastal vulnerabilities facing this community as well as the interaction of the community from a recreational geography perspective. In September 2011, Long Beach hosted the largest professional surfing competition motivating the residents to preserve the current state of the coastline. However, Long Beach has historically been prone to coastal flooding and there are specific high cost recommendations by the Army Corps of Engineers to reduce storm impacts. Recently, during Hurricane Irene a forced evacuation was combined with surfers engaging in large swell events. An interesting infusion of nature, the community, and the purposeful engineered state of the shoreline.

SUNDAY, FEBRUARY 26

8. Birding and Nature Walk in Central Park

Sunday, February 26, 7:00 a.m. - 9:30 a.m.

Organizer/leader: Cathy Cooper, Texas State University - San Marcos, Gil Schrank, former President of The Linnaean Society of New York

Trip Capacity: 25

Cost/person: \$15 (*includes honoraria, taxi*)

Come join an expert birder as we look for winter birds of Central Park. We will taxi to 72nd Street and Central Park West and walk back to the hotels through the park. We will scan the lake and linger at the bird feeders and investigate various habitats. All skill levels are welcome. We'll talk a bit about the history of the park. Walk is about two miles on paved trails. Bring binoculars and dress for the weather.

9. Cultural Stones of Central Park

Sunday, February 26, 9:45 a.m. - 1:45 p.m.

Organizer/Leader: Gregory Pope, Montclair State University, Patricia Beyer, Bloomsburg University

Trip Capacity: 25

Cost/person: \$42 (*includes box lunch, handouts, park donation*)

Central Park is America's most famous urban park, with broad appeal to all ages in all aspects of nature, recreation, education, history, and the arts. This field trip touches on all of these aspects through the landscape architecture and geology of its "cultural stone": the natural and faux, the rustic and refined. The guided walking tour from the hotel is possible in all but the worst weather. Do as New Yorkers do and take in the park, but dress accordingly for the elements.

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

29. Landmarks of Brooklyn's Industrial Waterfront

Sunday, February 26, 12:00 p.m. - 4:00 p.m.

Organizer: Richard E. Hanley, Brooklyn Waterfront Research Center, New York City College of Technology, City University of New York

Trip Capacity: 50

Cost/person: \$70 (*includes boat transportation, handouts, narrator*)

By now everyone knows or should know that Brooklyn has been called the "Hottest City in the Country," even if it hasn't been an independent city since 1898. Nevertheless, a visit to New York can no longer be complete by simply staying in one New York City borough, Manhattan. For more than half a decade tour buses have been traveling to Brooklyn, crossing the Brooklyn Bridge, cruising through DUMBO, and maybe even venturing to Red Hook, the birthplace of Al Capone. What visitors don't often see is a view of the borough from the water. This field trip will be a two-hour sail that will allow us to trace both the borough's industrial history and its recent development. Our trip will start just north of the Brooklyn Navy Yard—an historic treasure that is simultaneously being preserved and transformed into a "green" industrial park. As we make our way south, we will pass the derelict piers and renovated warehouses of what is now called DUMBO that were central to sugar refining and coffee distribution into the twentieth century. As we proceed south, we will also pass the new Brooklyn Bridge Park, and then we will see the grittier, contested, and still working waterfront areas of Red Hook and Sunset Park. The emphasis of the trip will be on the industrial history of Brooklyn's waterfront and the ways in which it is, and might continue to be, a working waterfront. The trip will be narrated by Captain John Doswell, executive director of the Working Harbor Committee. You will be able to buy beverages on board, but you will have to bring snacks with you. The trip will occur rain or shine. If the conditions are dangerous, the captain will cancel the trip and payments will be refunded. The boat is wheelchair-accessible. Transportation to the boat: We will meet at the Hilton and take public transportation to the pier (\$2.50, not included in trip price). Some might prefer to take a taxi (about \$15).

MONDAY, FEBRUARY 27

23. Lower Manhattan, A Walking Tour of New Amsterdam

Monday, February 27, 9:00 a.m. - 12:00 p.m.

Organizer/Leader: Richard Quodomine, NYSDOT, Joyce Gold, Joyce Gold History Tours of New York

Trip Capacity: 40

Cost/person: \$29

Walk along through the history of America, in the Old Dutch portion of New York City known as New Amsterdam. See South St. Seaport, Wall Street, and the building of Freedom Tower! A must-see and as run by Joyce Gold History Tours, expect not just a tour of the architecture but an understanding of the depth of history in this great city.

10. Waterways / Commodity - Ways

Monday, February 27, 9:30 a.m. - 2:00 p.m.

Organizer/Leader: Elizabeth Sibilis, City University of New York, The Graduate Center, Elizabeth Knafo, City University of New York, Hunter College

Trip Capacity: 30

Cost/person: \$65 (*includes boat transportation, handouts, honoraria*)

Waterways / Commodity - Ways is a field trip designed to elucidate connections between the production and trade of commodities such as: coffee, sugar, oil, natural gas and grains with the development and use of New York City's waterways and waterfront. The production and shipping of these goods illustrate the larger mechanisms and geographies of colonization and imperialism and reveal the importance of waterways to facilitate the transformative patterns that ensue. Traveling by waterboat, we will share a three hour tour detailing the history and use of various NYC waterways and how the waterways, the commodities that were transported connected seemingly distant spaces to form a specific geography of development. Using interviews, images and maps along with anecdotes and personal research, we will discuss the connection these waterways have to the agricultural, mineral and energy products of the North American continent, the Caribbean, and the world. We will stop for bagels/coffee before heading to the boat; bring extra money if you would like to purchase.

24. The Backbones of New York: How New York's Infrastructure Came to Be

Monday, February 27, 10:00 a.m. - 2:00 p.m.

Organizer/Leader: Andrew Sydor, Freelance Tour Guide

Trip Capacity: 25

Cost/person: \$39 (*includes bus transportation, honoraria*)

This tour will demonstrate how a pair of American Indian hiking trails over the course of seven hundred years became the backbone for the complex network of New York City's roadways, highways, railways and subways. A bus will transport the group to three locations in Manhattan: City Hall Park, Grand Central Terminal, and the High Line Park. There, participants will be taken on walking tours that explain the significance of each of these locations in the making of New York City, and in connecting the City to the entire country beyond.

25. Yankee Stadium Tour Excursion

Monday, February 27, 10:00 a.m. - 2:00 p.m.

Organizer/Leader: Lee Schwartz, US Department of State

Trip Capacity: 30

Cost/person: \$20 (*includes admission fee*)

Visit the "New" Yankee Stadium in the Bronx and take in the sites of the surrounding neighborhood. Official tour includes Yankee lore, field access, a dugout visit, the press box, and Monument Park. For those who want to extend the visit, there is a lunch option (not

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

included in tour price) at the venerable Yankee Tavern, on 161st Street in the shadow of Yankee Stadium. Transport (not included in tour price) by subway to and from the Stadium.

11. GIS in action! A Field Trip to the GIS Unit of the New York City Fire Department

Monday, February 27, 12:30 p.m. - 5:00 p.m.

Organizer/Leader: Chung Chang, The Graduate Center, City University of New York

Trip Capacity: 25

Cost/person: \$10 (*includes subway fare*)

A unique chance for AAG members to network with the specialists of the New York City Fire Department's GIS Unit. This field trip will start with a historical review of how the GIS Unit started, and how 9 - 11 changed the GIS Unit from an administrative unit to an indispensable branch of the Department's daily operations. Attendees will also have the rare opportunity to see how some in-house GIS applications being used live and 24/7 at the Department's Operation Center.

12. Tasting the Wines of Slovenia

Monday, February 27, 2:00 p.m. - 5:00 p.m.

Organizer/Leader: Conrad "Mac" Goodwin, Independent Scholar, Maja Djorev, University of Tennessee

Trip Capacity: 50

Cost/person: \$40 (*includes subway fare, wine tasting fees*)

Sponsored by the AAG European Specialty Group and Wine Specialty Group

The central European country of Slovenia produces many fine wines, few of which are known in the United States. On this fieldtrip/workshop we will walk or take the subway to LeDu Wines, (Zagat's #1 wine store, NYC 2011/2012), where we will learn about Slovenia's winegrowing regions. Mr. Emil Gaspari, a wine expert from Slovenia, will preside over the tasting of 15 different wines from Slovenia. We will be able to talk with him, Mr. Jean - Luc Le Dû, and other Slovene wine experts and have the opportunity to order or purchase the wines.

19. Visit to the Korea Society

Monday, February 27, 2:00 p.m. - 4:00 p.m.

Organizer/Leader: Jeffrey Gower, University at Buffalo - SUNY

Trip Capacity: 25

Cost/person: \$5

Sponsored by the AAG Asian Studies Affinity Group and Graduate Studies Affinity Group

The Korea Society aids in offering resources for in-depth explorations of the social, cultural, economic, political, historical and security dimensions of the US - Korea relationship. Its objective is to foster a greater awareness, appreciation and understanding of

the complexity of these underlying factors, which fuels the power of imagination that is the indispensable wellspring of the capacity for empathy. While divergences of perspectives between Americans and Koreans on many fundamental issues may be inevitable, it is equally inevitable that these divergences must be brought within the realm of imagination to be channeled toward productive engagement based on mutual respect.

20. Food Cart Tour of Midtown

Monday, February 27, 2:00 p.m. - 4:00 p.m.

Organizer/Leader: Andrew Gustafson, Urban Oyster Tours

Trip Capacity: 25

Cost/person: \$27 (*includes meals, handouts*)

Take a strolling lunch in Midtown with geographer and Urban Oyster tour guide Andrew Gustafson to sample international cuisines from six different street vendors, observe the constructive genius that cram full kitchens into improbably small carts, and even talk to some of their proprietors. We will explore the history of the industry, the regulations affecting it today, how street food shapes public spaces, and the challenges of running these thriving but feverishly demanding small businesses. This is a special offering for the AAG Annual Meeting, and space is limited to 15 persons. To learn more about Urban Oyster, visit www.urban-oyster.com.

TUESDAY, FEBRUARY 28

13. All Day on Transit Tour

Tuesday, February 28, 8:30 a.m. - 4:00 p.m.

Organizer/Leader: Rich Quodmine, Jason Greenberg, Andrew Ryder, NYSDOT

Trip Capacity: 25

Cost/person: \$25 (*includes admission fee, MTA Subway and bus fare*)

Sponsored by the AAG Transportation Specialty Group

Come see New York's transportation past, present, and future! See the current Penn Station and the Farley Post Office Building, which gives a glimpse into this railroad hub's past and future. Visit the rebuilt PATH World Trade Center terminal, get a sneak peek at the new Fulton Street Interchange (under construction), and take a train from the new South Ferry station. We will also visit historic Grand Central Terminal and check out New York's version of Bus Rapid Transit on 2nd Avenue. Finally, we will have our own guided tour of the New York City Transit Museum in Brooklyn. We will travel on one of the world's largest transit systems to get from place to place, including portions of the original 1904 line that started it all. New York City's transit system is a story of the building of a city. Lunch is on your own at one of many local Brooklyn eateries near the Transit Museum (bring extra money).

FIELD TRIPS

All field trips will depart from the Lobby Level of the Hilton, near the exit for the parking garage.

14. Tour of New York City's Emergency Operations Center

Tuesday, February 28, 9:00 a.m. - 12:00 p.m.

Organizer/Leader: Lynn Seirup, New York City Office of Emergency Management

Trip Capacity: 25

Cost/person: \$10 (*includes public transportation*)

New York City's Office of Emergency Management (OEM) is the coordinating agency for emergency response in the city. During a large scale event, the city opens its emergency operations center (EOC) at OEM's headquarters in Brooklyn. This field trip will include a tour of the EOC and OEM's mobile mapping vehicle, as well as a discussion of how the city uses spatial data and analysis for emergency management, with an emphasis on unmet needs and challenges. Please note that for security purposes, participant names and affiliation will be provided to the Office of Emergency Management for prescreening.

22. Reimagining the Bronx: A Walk Down the Grand Concourse

Tuesday, February 28, 11:00 a.m. - 3:00 p.m.

Organizer/Leader: Bradley Gardener, CUNY Graduate Center

Trip Capacity: 10

Cost/person: \$5 (*bring cash for subway fare*)

The Bronx lives in infamy. It has been maligned as an urban nightmare in both academic and non - academic circles. Researchers have provided many explanations for the Bronx's perceived downfall. Most famously, Robert Caro and Marshall Berman have blamed the disinvestment of the Bronx on Robert Moses and the construction of the Cross Bronx Expressway.

On this field trip, we will go to the Bronx and walk down the Grand Concourse. Currently a middle class Latino neighborhood, this area was once two thirds Jewish in the 1940's, 1950's, and 1960's. On this walk we will pay close attention to how the landscape has changed over time, and contextualize disinvestment in the Bronx. We will see pastel colored art deco buildings, graffiti art, and synagogues that have been transformed into churches. The walk will end at Yankee stadium, where we will discuss how the relationship between the Yankees and the Bronx has changed over time.

Weather Advisory: February can be very cold in New York! We will likely be outside for about an hour. The organizer insists that you dress in the following fashion for this trip. Please wear a warm winter coat, or at the least several warm layers. You should be wearing a warm hat and gloves. Boots are recommended, but not necessary for the amount of water/snow that will be in the streets.

15. Science for Sustainable Development: A Tour of the Lamont Campus of Columbia University

Tuesday, February 28, 1:00 p.m. - 6:00 p.m.

Organizer: Robert S. Chen, CIESIN, Columbia University

Co - Leaders: Mark Becker, CIESIN, Columbia University and Elisabeth Sydor, CIESIN, Columbia University

Trip Capacity: 40

Cost/person: \$30 (*includes transportation, handouts, afternoon reception*)

More than a hundred years ago, John Torrey, the famous botanist, discovered abundant plant life atop a granite cliff overlooking the West side of the Hudson River, near Palisades, New York. Torrey Cliff, and the rolling landscape surrounding it, would later become the Lamont campus of Columbia University, home to four major research centers of the Earth Institute at Columbia University focused on developing and applying scientific knowledge to sustain the planet. Purchased in the 1920s by Wall Street financier Thomas Lamont and later donated to Columbia University, the campus provides an idyllic setting for world class research facilities just fifteen miles north of Manhattan.

The tour begins enroute to Lamont from Manhattan, with a glimpse of the lower Hudson Valley in winter via a woodsy stretch along the Palisades. A walking tour of the research facilities on campus (winter coats and footwear suggested) will be accompanied by short presentations by scientists and staff from the Lamont - Doherty Earth Observatory (LDEO, www.ldeo.columbia.edu) and the Center for International Earth Science Information Network (CIESIN, www.ciesin.columbia.edu) on some of their work on topics such as hazards, soils, climate change, remote sensing, poverty, and data and indicator development. The tour will conclude with an informal reception with Lamont staff.

16. A Night at a Private New York Jazz House with a Private Supper Excursion

Tuesday, February 28, 3:00 p.m. - 10:00 p.m.

Organizer/Leader: Rich Quodomine, NYSDOT, Gordon Polatnick, Big Apple Jazz

Trip Capacity: 25

Cost/person: \$160 (*includes dinner, jazz show, cab fare*)

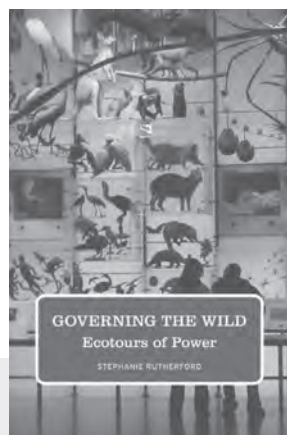
A rare New York City experience. Go to the historic Sugar Hill district, the Home of Harlem Jazz, and experience a private session with some of the world's best Jazz Musicians and a privately cooked meal.



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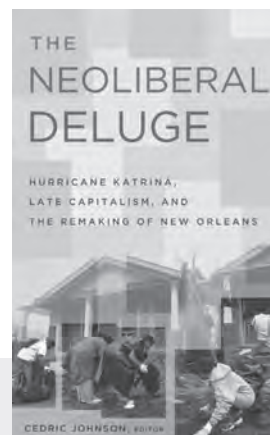
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Sibel Zandi-Sayek

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EXHIBIT HALL

Rhineland Gallery, Hilton, Second Floor

The 2012 AAG Annual Meeting Exhibitors will be located in two exhibit halls:

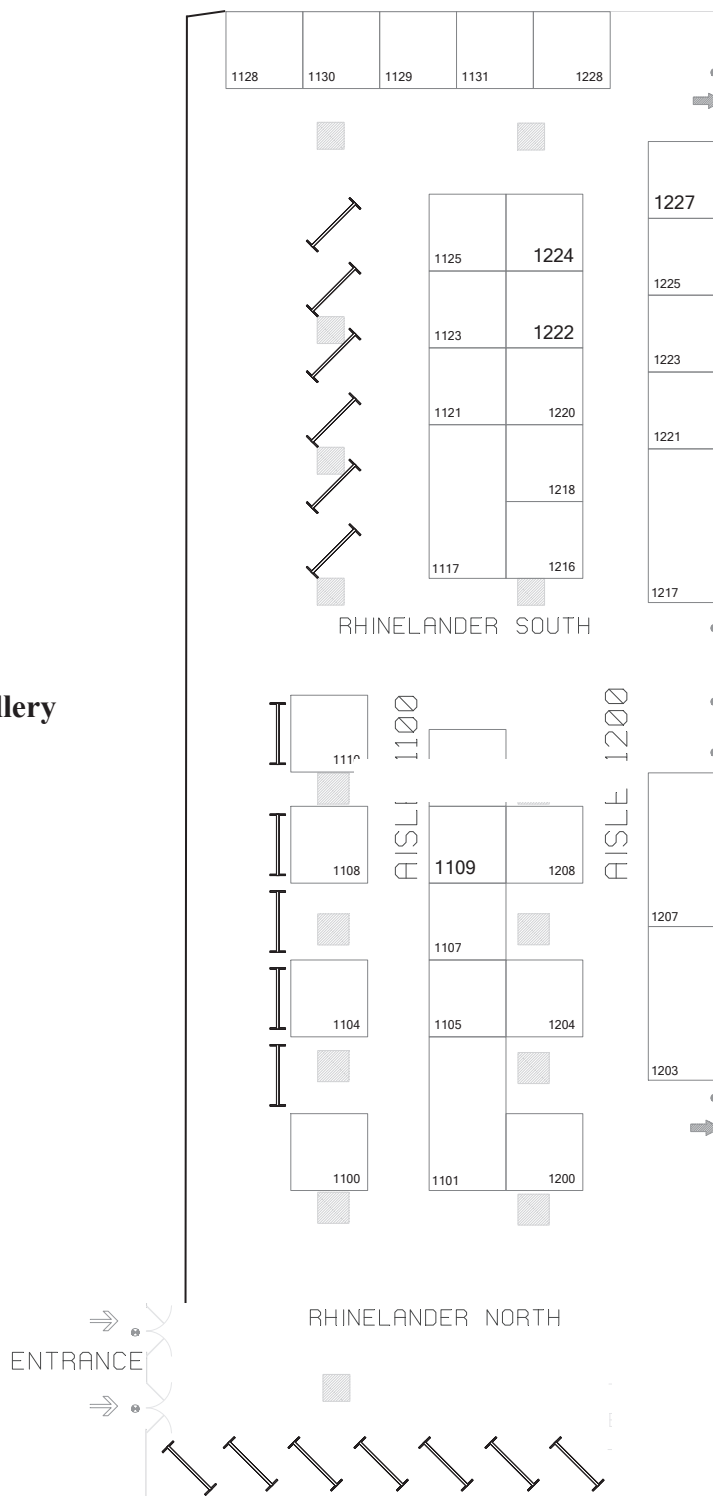
Rhineland Gallery, Hilton, Second Floor (below)

and

Americas Hall I, Hilton, Third Floor (see pages 66-67).

Exhibit Hall Hours are listed on page 6.

Rhineland Gallery



EXHIBITORS

Rhineland Gallery, Hilton, Second Floor

Sorted Alphabetically:

AAAS Science & Technology	1223
American Geological Institute	1128
American Institute for Yemeni Studies	1225
American Meteorological Society	1101
Avenza Systems, Inc.	1208
Blue Marble Geographics	1221
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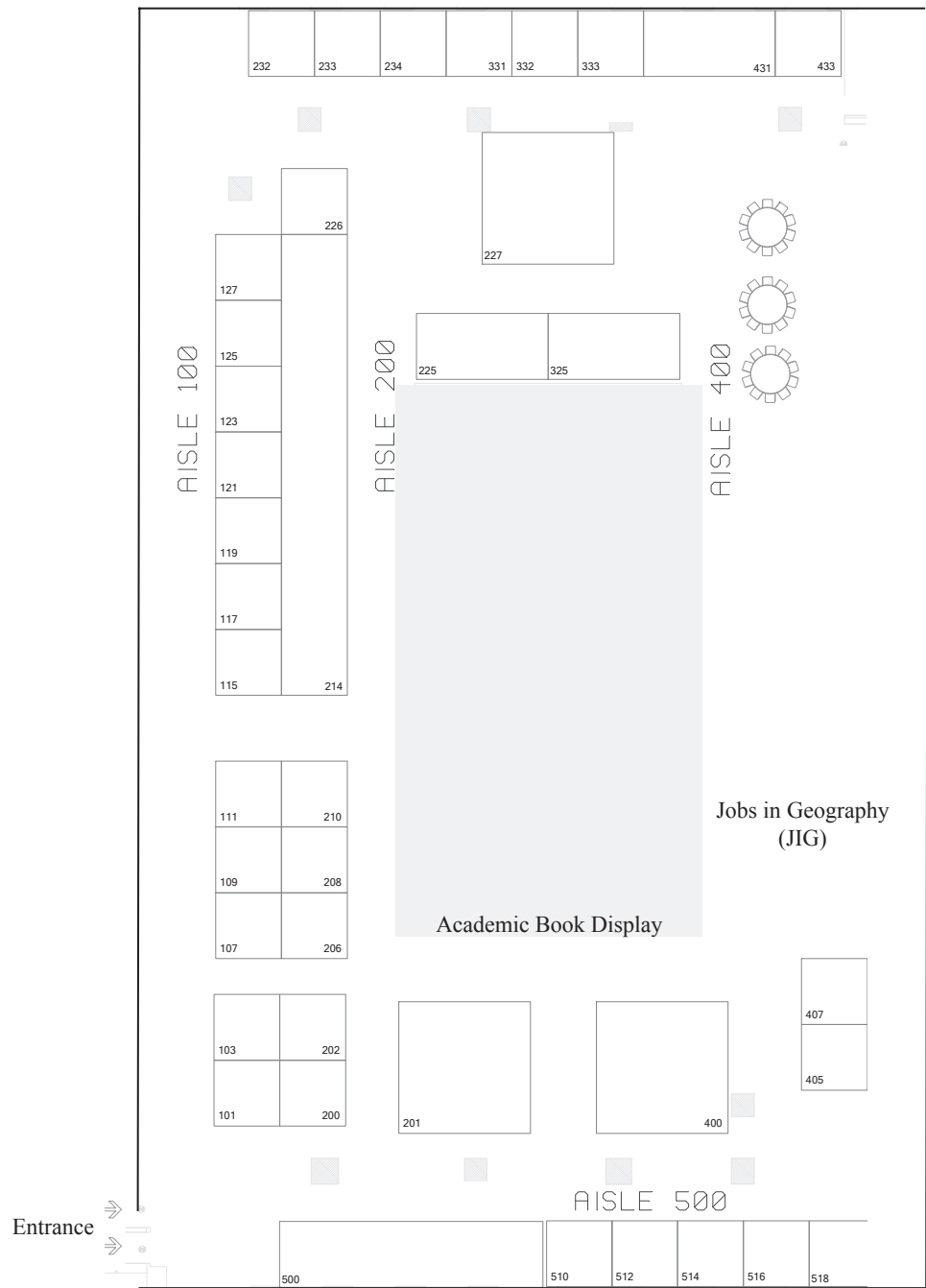
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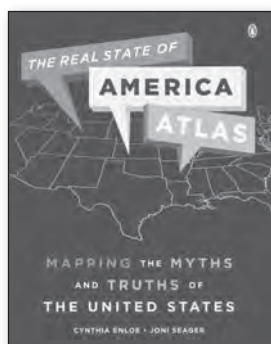
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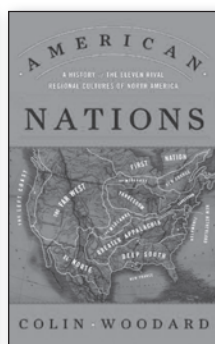
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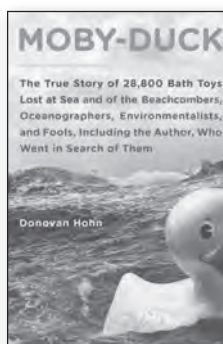
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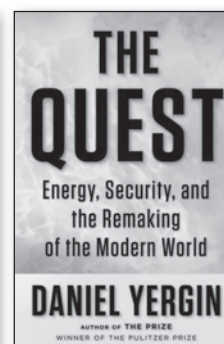
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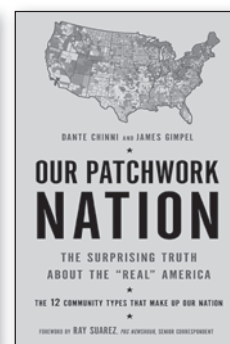
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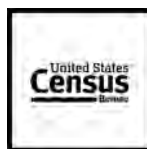
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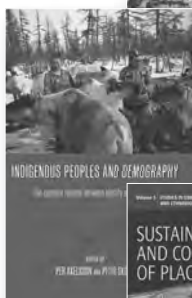
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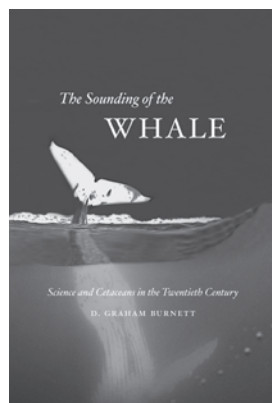
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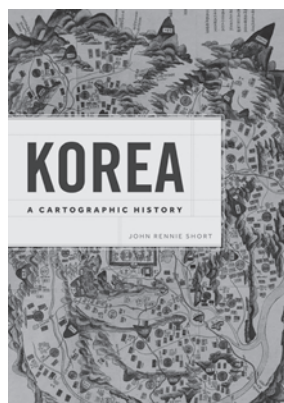
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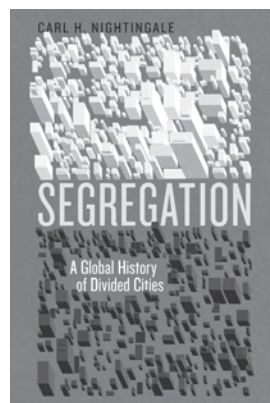
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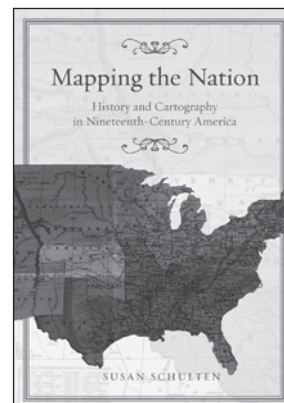
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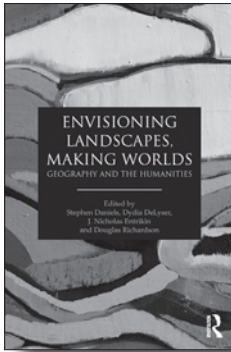
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INSTRUCTIONS TO SESSION CHAIRS

1. Adhere rigorously to the TIMES printed in the program. Each session presentation is assigned a specific time. If you have a no-show, use his or her time for a discussion of the preceding paper(s) or for a recess. Do not shift later papers into such voids. That is unfair to attendees who plan to hear a particular presentation.
2. Consult the program addenda for CANCELLATIONS in your session. Paper withdrawals are noted in the daily bulletin. Plan how you will use any free time for the benefit of the session.
3. Hold each individual to the TIME ALLOTTED. You will be given four signal sheets by the Conference Volunteer monitoring your room to alert each speaker to the time remaining (10 minutes, 5 minutes, 2 minutes, 1 minute and STOP). If a speaker continues after time has expired, rise, ask those present to join you in thanking the speaker, and announce the next presentation. Be polite but implacable. The audience and other speakers will respect and support strong direction on your part.
4. Note the location of the nearest HOUSE PHONE. Should a medical emergency or problem with room lighting, temperature, etc. arise, the house phone will connect you to the hotel and assistance will be provided. Secondly, should a problem arise with any audiovisual equipment, contact a Conference Volunteer or AAG Staff member for assistance. A Conference Volunteer will check on your session occasionally and may help you summon assistance, but you should be prepared to do so independently. Conference Volunteers are not trained or authorized to operate or repair audiovisual equipment.
5. If the SESSION ROOM FILLS QUICKLY and it looks like the session may be full or overfull, please make an announcement at the beginning of the session encouraging attendees to move toward the center of their row to make seats available. In addition, please have the Conference Volunteer assigned to your room call the AAG staff to assist with the crowd.

Geography and the Humanities



Envisioning Landscapes, Making Worlds

Geography and the Humanities

Edited by Stephen Daniels,
Dydia DeLyser, J. Nicholas Entrikin,
and Douglas Richardson
ISBN 978-0-415-58978-9

Envisioning Landscapes, Making Worlds examines the remarkable resurgence of intellectual interplay between geography and the humanities with

25 contributions by leading scholars. This book is essential reading for those interested in understanding the new synergies emerging from this broad intellectual engagement with meaning and geographic experience, including students, scholars, and interested general readers.

What people are saying about *Envisioning Landscapes*

"This book provides powerful evidence of geography's intellectual and moral affiliations with the humanities. It boasts an impressive cast of contributors, with elegant and compelling essays that show why creativity, imagination and reflection matter to geographers, and why the insights of geography matter to the humanities as never before."

— Professor Felix Driver, Royal Holloway,
University of London, UK

"For geography, this book vigorously promotes the significance of the powers of spatial and visual representation in evoking landscapes and places. For the humanities, it elegantly maps the variety of ways in which geographical concepts are helping respond to the so-called crisis of representation by grounding texts, performances, and visual art in landscapes and places."

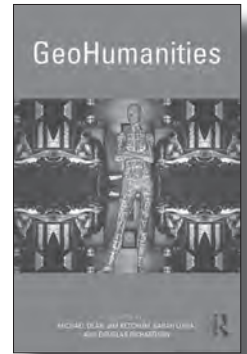
— Professor John Agnew,
UCLA, USA

GeoHumanities

Art, History, Text at the Edge of Place

Edited by Michael Dear, Jim Ketchum,
Sarah Luria, and Douglas Richardson
ISBN 978-0-415-58980-2

GeoHumanities is an exciting new book that examines the humanities' rapidly expanding engagement with geography's perspectives, technologies, and core metaphors. With 30 original contributions by well known scholars, artists, architects, activists, and scientists, this interdisciplinary book invites us to explore the many ways that geography has reestablished itself as relevant, exciting, and even inspiring in today's world.



What people are saying about *GeoHumanities*

"This volume stands at the forefront of one of the most exciting new fields of cross-disciplinary work. The editors have assembled a spectacular array of original contributions from an impressive group of authors, whose work opens new routes into the emerging field known as the geohumanities. It is bound to become a landmark book."

— Anthony J. Cascardi,
U.C. Berkeley, USA

"Making a compelling case for re-aligning geography with the humanities, *GeoHumanities* provides a series of richly-interwoven textual, visual and cartographic essays to demonstrate the creative potential of new forms of artistic, literary and historical engagement with place. Issuing a challenge to transcend disciplinary boundaries, to forge novel connections between past and present, and to re-imagine the world in novel ways, the contributors to *GeoHumanities* invite us to explore afresh the politics and poetics of place."

— Professor Peter Jackson,
University of Sheffield, UK

GEOGRAPHY & HUMANITIES SESSIONS DURING AAG ANNUAL MEETING

The 2012 AAG Annual Meeting will include a special track of sessions over three days exploring interdisciplinary work taking place at the intersections of geography and a wide range of humanities and arts disciplines. Sessions in this track will be held throughout the day on Saturday, Sunday, and Monday, with most scheduled for Concourse rooms A, B, and C in the Hilton Hotel. See www.aag.org/humanities for a full schedule of sessions in this track.

KEY TO SESSION NUMBERS

AAG's sessions are all numbered with a 4-digit code. The numbers represent the following information:

1st digit = day (see below)

2nd digit = time period (see below)

Last two digits = room code (see next page)

Key to days (**1st digit**) is as follows:

Friday = 1

Saturday = 2

Sunday = 3

Monday = 4

Tuesday = 5

Below are the keys to time slots (**2nd digit**):

Friday, February 24

<i>Session #</i>	<i>Time</i>
11xx	8:00 a.m. - 9:40 a.m.
12xx	10:00 a.m. - 11:40 a.m.
13xx	11:40 a.m. - 12:50 p.m.
14xx	12:40 p.m. - 2:20 p.m.
15xx	2:40 p.m. - 4:20 p.m.
16xx	4:40 p.m. - 6:20 p.m.
17xx	6:30 p.m. - 8:00 p.m.
	<i>(AAG Presidential Plenary)</i>

Saturday, February 25

<i>Session #</i>	<i>Time</i>
21xx	8:00 a.m. - 9:40 a.m.
22xx	10:00 a.m. - 11:40 a.m.
23xx	11:40 a.m. - 12:50 p.m.
24xx	12:40 p.m. - 2:20 p.m.
25xx	2:40 p.m. - 4:20 p.m.
26xx	4:40 p.m. - 6:20 p.m.
27xx	6:00 p.m. - 7:00 p.m. <i>or</i>
27xx	6:30 p.m. - 7:30 p.m.
28xx	7:30 p.m. - 8:30 p.m.
	7:30 p.m. - 9:30 p.m.
	<i>(AAG International Reception in the Exhibit Hall)</i>
29xx	8:30 p.m. - 9:30 p.m.

Sunday, February 26

<i>Session #</i>	<i>Time</i>
31xx	8:00 a.m. - 9:40 a.m.
32xx	10:00 a.m. - 11:40 a.m.
33xx	11:40 a.m. - 12:50 p.m. <i>or</i>
33xx	11:50 a.m. - 12:30 p.m.
34xx	12:40 p.m. - 2:20 p.m.
35xx	2:40 p.m. - 4:20 p.m.
36xx	4:40 p.m. - 6:20 p.m.
37xx	6:30 p.m. - 7:30 p.m.
	<i>(AAG Past President's Address)</i>
38xx	7:00 p.m. - 8:00 p.m.
39xx	8:00 p.m. - 9:00 p.m.

Monday, February 27

<i>Session #</i>	<i>Time</i>
41xx	8:00 a.m. - 9:40 a.m.
42xx	10:00 a.m. - 11:40 a.m.
43xx	11:40 a.m. - 12:50 p.m. <i>or</i>
43xx	11:50 a.m. - 12:30 p.m.
44xx	12:40 p.m. - 2:20 p.m.
45xx	2:40 p.m. - 4:20 p.m.
46xx	4:40 p.m. - 6:20 p.m.
47xx	6:30 p.m. - 7:30 p.m.
48xx	7:00 p.m. - 8:00 p.m.
49xx	8:00 p.m. - 9:00 p.m.

Tuesday, February 28

<i>Session #</i>	<i>Time</i>
51xx	8:00 a.m. - 9:40 a.m.
52xx	10:00 a.m. - 11:40 a.m.
53xx	12:15 p.m. - 2:00 p.m.
	<i>(AAG Awards Luncheon)</i>
54xx	2:00 p.m. - 3:40 p.m.
55xx	4:00 p.m. - 5:40 p.m.

Therefore, session 1402 would be held on Friday, February 24 (1402) from 12:40 p.m. - 2:20 p.m. (**1402**) in Concourse B of the Hilton (**1402**).

last two digits = Room code (See next page for list of room code numbers)

KEY TO ROOMS

Room Code (last two digits of session number):

<i>Session Room Code#</i>	<i>Room Name</i>	<i>Facility</i>	<i>Level/Floor</i>	<i>Session Room Code#</i>	<i>Room Name</i>	<i>Facility</i>	<i>Level/Floor</i>
01	Concourse A	Hilton	Concourse Level	43	Conference Room A	Sheraton	Lower Level
02	Concourse B	Hilton	Concourse Level	44	Conference Room B	Sheraton	Lower Level
03	Concourse C	Hilton	Concourse Level	45	Conference Room C	Sheraton	Lower Level
04	Concourse D	Hilton	Concourse Level	46	Conference Room D	Sheraton	Lower Level
05	Concourse E	Hilton	Concourse Level	47	Conference Room E	Sheraton	Lower Level
06	Concourse F	Hilton	Concourse Level	48	Conference Room F	Sheraton	Lower Level
07	Concourse G	Hilton	Concourse Level	49	Conference Room G	Sheraton	Lower Level
08	Beekman Parlor	Hilton	Second Floor	50	Conference Room H	Sheraton	Lower Level
09	Bryant Suite	Hilton	Second Floor	51	Conference Room I	Sheraton	Lower Level
10	Clinton Suite	Hilton	Second Floor	52	Conference Room J	Sheraton	Lower Level
11	Gibson Suite	Hilton	Second Floor	53	Conference Room K	Sheraton	Lower Level
12	Gramercy Suite A (West)	Hilton	Second Floor	54	Conference Room L	Sheraton	Lower Level
13	Gramercy Suite B (East)	Hilton	Second Floor	55	Executive Boardroom	Sheraton	Lower Level
14	Lincoln Suite	Hilton	Fourth Floor	56	Central Park East	Sheraton	Second Floor
15	Madison Suite	Hilton	Second Floor	57	Central Park West	Sheraton	Second Floor
16	Morgan Suite	Hilton	Second Floor	58	Empire Ballroom East	Sheraton	Second Floor
17	Murray Hill Suite A (West)	Hilton	Second Floor	59	Empire Ballroom West	Sheraton	Second Floor
18	Murray Hill Suite B (East)	Hilton	Second Floor	60	Lenox Ballroom	Sheraton	Second Floor
19	Nassau A (West)	Hilton	Second Floor	61	Carnegie Suite East	Sheraton	Third Floor
20	Nassau B (East)	Hilton	Second Floor	62	Carnegie Suite West	Sheraton	Third Floor
21	Regent Parlor	Hilton	Second Floor	63	Liberty 1	Sheraton	Third Floor
22	Rhineland Gallery	Hilton	Second Floor	64	Liberty 2	Sheraton	Third Floor
23	Sutton Parlor Center	Hilton	Second Floor	65	Liberty 3	Sheraton	Third Floor
24	Sutton Parlor North	Hilton	Second Floor	66	Liberty 4	Sheraton	Third Floor
25	Sutton Parlor South	Hilton	Second Floor	67	Liberty 5	Sheraton	Third Floor
26	Americas Hall I	Hilton	Third Floor	68	New York Ballroom East	Sheraton	Third Floor
27	Grand Ballroom East	Hilton	Third Floor	69	New York Ballroom West	Sheraton	Third Floor
28	Grand Ballroom West	Hilton	Third Floor	70	Riverside Ballroom	Sheraton	Third Floor
29	Mercury Ballroom	Hilton	Third Floor	71	Riverside Suite	Sheraton	Third Floor
30	Mercury Rotunda	Hilton	Third Floor	72	Madison Suite 2	Sheraton	Fifth Floor
31	Petit Trianon	Hilton	Third Floor	73	Madison Suite 3	Sheraton	Fifth Floor
32	Rendezvous Trianon	Hilton	Third Floor	74	Madison Suite 4	Sheraton	Fifth Floor
33	Trianon Ballroom	Hilton	Third Floor	75	Madison Suite 5	Sheraton	Fifth Floor
34	Conrad Hilton Suite	Hilton	Fourth Floor	76	Madison Suite 6	Sheraton	Fifth Floor
35	East Suite	Hilton	Fourth Floor	77	Park Suite 1	Sheraton	Fifth Floor
36	Green Room	Hilton	Fourth Floor	78	Park Suite 2	Sheraton	Fifth Floor
37	Harlem Suite	Hilton	Fourth Floor	79	Park Suite 3	Sheraton	Fifth Floor
38	Hilton Board Room	Hilton	Fourth Floor	80	Park Suite 4	Sheraton	Fifth Floor
39	Holland Suite	Hilton	Fourth Floor	81	Park Suite 5	Sheraton	Fifth Floor
40	Hudson Suite	Hilton	Fourth Floor	85	South Court Auditorium	NY Public Library	Schwarzman Building
41	Midtown Suite	Hilton	Fourth Floor	86	South Court Classrooms	NY Public Library	Schwarzman Building
42	New York Suite	Hilton	Fourth Floor				
82	Americas Hall II - A	Hilton	Third Floor				
83	Americas Hall II - B	Hilton	Third Floor				

Facility maps can be found on pages 8-10 (Hilton New York) and 12-14 (Sheraton New York Hotel & Towers).

Walking directions to the Schwarzman Building, NY Public Library, can be found on page 7.

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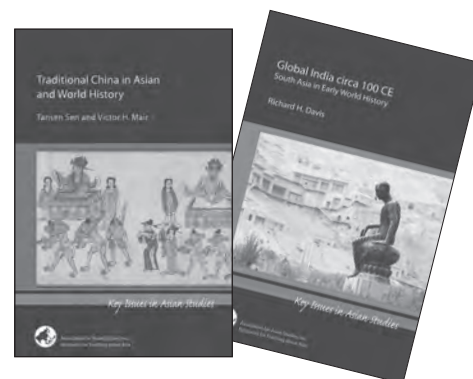
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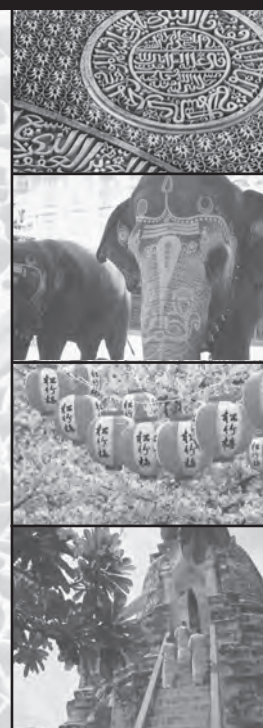


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Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

FRIDAY, FEBRUARY 24 • 8:00 AM - 9:40 AM • 1100**8:00 a.m. - 9:40 a.m.****1101. Educational Geospatial Tools**

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jan Ketil Rød, NTNU

8:00 Bill Hodge, GISP*, City of Midland, *Making the Brooms Dance: A Sweeping View of GISPs and the GISP Certification Program.*

8:20 Ann Johnson*, GeoTech Center, *Tools for.*

8:40 Lee A. Nolan*, Pennsylvania State University, *Digital Atlases: A Librarian's Dilemma.*

9:00 Eduarda Marques Da Costa*, CEG-IGOT- University of Lisbon; Nuno Marques da Costa, CEG-IGOT- University of Lisbon; Ana Louro, CEG-IGOT- University of Lisbon; Ana Rita Pedro, CEG-IGOT- University of Lisbon, *Visions of Europe - confront between the perspective of Portuguese Geography scholar textbooks and the perception of Portuguese university students.*

9:20 Jan Ketil Rød*, NTNU; Svein Andersland; Arne Frank Knudsen, *National Curriculum Mandates and the Promise of Web-Based GIS Applications.*

1102. Theorizing the Geoweb I (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Agnieszka Leszczynski, University of Washington; Matthew W. Wilson, University of Kentucky

CHAIR(S): Sarah Elwood, University of Washington

8:00 Christian Bittner*, University Erlangen-Nuremberg; Cate Turk, University Erlangen-Nuremberg, *Deconstructing web 2.0 maps.*

8:20 Craig Dalton*, UNC Chapel Hill, *Google, ergo sum: Consumer subjects and knowledges in the Google geo discourse.*

8:40 Jim Thatcher*, Clark University, *Troubling the Geoweb, Troubling Marx: Cyborgs, spatial technologies, and theory.*

9:00 Ryan Burns*, University of Washington, *Beyond Inclusion and Empowerment: Inequality in the Geoweb.*

9:20 Matthew W. Wilson*, University of Kentucky, *Continuous connectivity, handheld computers, and mobile spatial knowledge.*

1103. "Good Luck with That!" Toward Successful Communication of Climate Change Adaptation (Sponsored by Human Dimensions of Global Change Specialty Group, Communication Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Susanne Moser, Susanne Moser Research & Consulting; Maxwell Boykoff, University of Colorado

CHAIR(S): Susanne Moser, Susanne Moser Research & Consulting

Panelists: Maxwell Boykoff, University of Colorado; Sarah Burch, University of British Columbia; Susanne Moser, Susanne Moser Research & Consulting; Emily Boyd, University of Reading

1104. Climate change, environmental conflict and societal stability I (Sponsored by Political Geography Specialty Group, Human Dimensions of Global Change Specialty Group, Climate Specialty Group, United Nations Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Peter Michael Link, University of Hamburg;

Tracy Van Holt, East Carolina University

CHAIR(S): Jürgen Scheffran, Institute for Geography, University of Hamburg

8:00 Peter Michael Link*, University of Hamburg; Franziska Piontek, Potsdam Institute of Climate Impact Research,

Germany; Jürgen Scheffran, University of Hamburg, *On foes and flows: Water conflict and cooperation in the Nile River Basin in times of climate change.*

8:20 Shiloh Moates*, East Carolina University, *A Critical Path Analysis of Conflict Studies from 1945 to 2011.*

8:40 Tracy Van Holt*, East Carolina University; Jeffrey C. Johnson, Ph.D., East Carolina University; Shiloh Moates, Ph.D., East Carolina University; Kathleen Carley, Ph.D., Carnegie Mellon University; James Brinkley, M.S., East Carolina University, *Meta-network analysis of natural resources, climate, and conflict in Sudan.*

9:00 Basil R Mahayni*, University of Minnesota - Twin Cities, *Drying Springs and Arab Springs: Understanding Environmental Change, Development Crisis, and Uprisings in Syria.*

Discussant(s): Jeffrey Johnson, ECU

1105. Foreclosure: Causes and Consequences

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Daniel Hammel, University of Toledo

CHAIR(S): Daniel Hammel, University of Toledo

8:00 Lee Marisa Polonsky*, Edward J. Bloustein School of Planning and Public Policy, Rutgers University; Benjamin F. Teresa, Edward J. Bloustein School of Planning and Public Policy, Rutgers University; Kathe Newman, PhD, Edward J. Bloustein School of Planning and Public Policy, Rutgers University, *Understanding Foreclosure as a Process: the Sheriff Auction.*

8:20 Xueying Chen*, Rutgers, The State University of New Jersey; Daniel J. Hammel, The University of Toledo, *Examining the Patterns of Foreclosures and Foreclosure Counseling in New York.*

8:40 Benjamin F Teresa*, Rutgers University; Daniel J Hammel, PhD, University of Toledo, *Understanding Reasons for Mortgage Distress in New York City.*

9:00 Kristen Crossney*, West Chester University, *Exploring the role of gender in home mortgages, lender type, and foreclosure.*

Discussant(s): Jeff Crump, University of Minnesota

1106. Labour and the City I: Work, Employment and Urban Life (Sponsored by Urban Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Michelle Buckley, University of Oxford; Esther Rootham, School of Geography and the Environment

CHAIR(S): Michael Samers, University of Kentucky

8:00 Michelle Buckley*, University of Oxford, *From Kerala to Dubai and back again: construction migrants and the urban roots of the financial crisis.*

8:20 Paola Jiron*, Universidad De Chile, *Embodying the city under flexible/precarious working conditions in Santiago, Chile.*

8:40 Allen J Scott*, University of California - Los Angeles, *Symbolic Analysts and the New Servile Class: The Division of Labor and Social Stratification in the American Metropolis.*

1107. Peter Daniels: Service Industry Research Pioneer (Sponsored by Economic Geography Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): William Beyers, University of Washington

CHAIR(S): William Beyers, University of Washington

Panelists: William Beyers, University of Washington; Michael John Taylor, University of Birmingham; John Bryson, University of Birmingham; Brian Holly, U.S. Census Bureau; Thomas A. Hutton, University of British Columbia

FRIDAY, FEBRUARY 24 • 8:00 AM - 9:40 AM • 1100

1108. Techniques for Spatial Analysis

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sanglim Yoo, State University of New York, College of Environmental Science and Forestry

8:00 Edzer Pebesma*, Institute for geoinformatics, University of Münster, *R for reproducible geographical research.*

8:20 Grant Fraley*, TerraPan Labs LLC; Christopher Lippitt, TerraPan Labs LLC, *UAV terrain mapping: A comparison of LiDAR and automated photogrammetric coastline mapping using unmanned aerial vehicles.*

8:40 Christopher D Lippitt*, San Diego State University/ University of California Santa Barbara, *A Remote Sensing Communication Model.*

9:00 Jean Dube*, UQAR; Diego Legros, Université de Bourgogne, *On the use of spatial weight matrix in spatial econometric: The case of extreme geographic location.*

9:20 Sanglim Yoo*, State University of New York, College of Environmental Science and Forestry, *Amenity value of spatial configuration of urban open space: An application of three spatial econometrics methods for hedonic price modeling.*

1110. Hurricanes I: Climatology and Meteorology (Sponsored by Climate Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University; Harry Williams, University of North Texas

CHAIR(S): Michael Grossman, Department of Geography SIUE

8:00 Peter Yaukey, Ph.D.*, University of New Orleans, *Patterns of tropical cyclone intensification in the North Atlantic.*

8:20 Jay Hobgood*, Ohio State University, *Rapid Intensification of Tropical Cyclones.*

8:40 Kelsey N Scheitlin*, Longwood University, *Spatial climatologies of tropical cyclone intensities.*

9:00 Corene J Matyas, Ph.D.*, University of Florida, *The Influence of the Diurnal Cycle on Rain Field Size in Landfalling Tropical Cyclones.*

9:20 Jinwoong Yoo*, University of South Florida; Jennifer Collins, Ph. D., University of South Florida; Robert E. Hart, Ph. D., Florida State University, *Coupled WRF-HYCOM Model Development at USF: Current Status of the Development with a Case Study of Hurricane IKE (2008).*

1111. Evolutionary Economic Geography I - Shifting Agglomerations and the Evolution of Regions (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University College Dublin; David Rigby, UCLA

CHAIR(S): Dieter Franz Kogler, University College Dublin

8:00 Sean Tierney*, *Shifting power centers: a post-WWII economic tale using a Fortune 500 lens.*

8:15 Matthew Drennan, visiting professor*, UCLA; Hugh F. Kelly, Adjunct Professor, Schack Real Estate Institute NYU, *The Evolution of Agglomeration Economies in New York City, 1959 to 2009.*

8:30 Richard Shearmur*, Université du Québec, INRS-UCS, *Innovation outside of agglomerations: what does this tell us about agglomerations?.*

8:45 Emil Evenhuis*, Newcastle University, *Conceptualising the Evolution of Regions: Taking Stock and Moving Ahead.*

9:00 Celine Vacchiani-Marcuzzo*, UMR Géographie-cites, Paris / University of Reims; Fabien Paulus*, University of Strasbourg, *Innovative activities and economic trajectories of cities (USA, France).*

Discussant(s): Susan M. Christopherson, Cornell University

1112. Philanthrocapitalism and the New Development Knowledge

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Erica Kohl-Arenas, The New School

CHAIR(S): Erica Kohl-Arenas, The New School

8:00 Erica Kohl-Arenas*, The New School, *Self-Help for What? A Genealogy of Philanthropic Expertise.*

8:20 Nidhi Srinivas*, Milano The New School, *Social innovation, social business, social entrepreneurship: Envisioning the social and political in realms of civil society.*

8:40 Manjari Mahajan*, The New School University, *What Counts As A Development Problem? Accounting and Brokering in Global Health.*

9:00 Leigh Graham, PhD*, Milano the New School for International Affairs, Management & Urban Policy, *The Institutionalization of U.S. Community Development and the Crisis of Hurricane Katrina.*

1113. Debating Ideology I

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Michael Ekers, University of Toronto; Alex Loftus, Royal Holloway, University of London

CHAIR(S): Michael Ekers, University of Toronto

8:00 Martin Danyluk*, University of Toronto, *Dreaming Other Worlds: Metaphysics, Politics, and the Ideology of Inception.*

8:20 Alex Loftus*, Royal Holloway, University of London, *Against Speculative Leftism: Antonio Gramsci's optimism of the will.*

8:40 Kanishka Goonewardena*, University of Toronto, *Aesthetics, Politics, Ideology: Benjamin/Adorno/Ranciere.*

1114. Environmental and socio-economic impacts of large-scale wind farms I (Sponsored by Energy and Environment Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Michael Slattery, Texas Christian University

CHAIR(S): Michael Slattery, Texas Christian University

8:00 Amanda M Hale*, Texas Christian University; Kristopher B Karsten, California Lutheran University; Victoria J Bennett, Texas Christian University, *Recommendations for Fatality Monitoring Studies at Utility-Scale Wind Farms.*

8:20 Victoria J Bennett*, Texas Christian University; Amanda M Hale, Texas Christian University; Kristopher B Karsten, California Lutheran University, *Toward an Understanding of the Effects of Wind Turbines on Bats.*

8:40 Thomas K. Stevens, M. S. Candidate*, Institute for Environmental Studies, School of Geology, Energy, and the Environment, Texas Christian University; Amanda M. Hale, Primary Advisor, Department of Biology, Texas Christian University; Kristopher B. Karsten, Institute for Environmental Studies, School of Geology, Energy, and the Environment, Texas Christian University; Department of Biology, Texas Christian University; Victoria J. Bennett, Institute for Environmental Studies, School of Geology, Energy, and the Environment, Texas Christian University; Department of Biology, Texas Christian University, *The Effects of Wind Energy on Over-wintering Grassland Birds.*

9:00 Erin Hatchett*, Texas Christian University; Amanda M. Hale, Dr., Texas Christian University; Kristopher B. Karsten, Dr., Texas Christian University, *No Effect of Wind Turbines on Density and Nest Success of Dickcissels (Spiza americana) in North Texas.*

9:20 Jennifer Korstian*, Biology Department, Texas Christian University; Dean Williams, Biology Department, Texas Christian University; Amanda Hale, Biology Department, Texas Christian University; Victoria

FRIDAY, FEBRUARY 24 • 8:00 AM - 9:40 AM • 1100

J Bennett, Environmental Studies & Biology
Departments, Texas Christian University, *Population
Genetics of Migrating Eastern Red Bats (*Lasiurus
borealis*)*.

- 1115. Welcome to the AAG annual meeting! Navigating and making the most of the conference (Sponsored by AAG Diversity Ambassadors, Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))**

Room: *Madison Suite, Hilton, Second Floor* (Panel Session)
ORGANIZER(S): Zoe Pearson, The Ohio State University
CHAIR(S): Zoe Pearson, The Ohio State University
Discussant(s): Joseph J. Kerski, Esri
Panelists: Joy K. Adams, Association of American Geographers;
Kendra McSweeney, The Ohio State University;
Pamela Sertzen, University of Texas at Austin; JoAnn
(Jodi) Vender, Pennsylvania State Univ; Kerry Lyste,
Everett Community College; Zoe Pearson, The Ohio
State University

- 1116. Opening the Black Box of 'Creative' Policies 1 - Geographies of Difference (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)**

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Bas van Heur, Maastricht University; Iris
Dzudzek, Department of Human Geography, Geothe-
University Frankfurt a. M.
CHAIR(S): Peter Lindner, University of Frankfurt
8:00 Eleanor Rae, MA*, University of Toronto, *Condos in the
Creative City - The Toronto Case*.
8:20 Oli Mould*, University of Salford, *Hung, drawn and
Cultural Quartered: A critique of the cultural quarter
development policy in the UK*.
8:40 Alison Bain*, York University, *Planning for Suburban
Cultural Infrastructure*.
9:00 Deborah Leslie*, University of Toronto; Norma Rantisi*,
Concordia University, *Creativity and urban
regeneration: the role of La TOHU and the Cirque du
Soleil in the Saint-Michel neighbourhood in Montréal*.
9:20 Anne Lorentzen*, Aalborg University, *Culture and
creativity in regional development strategies. The case
of North Denmark*.

- 1117. Spatial Epidemiology I: Infectious Disease (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)**

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Eric Delmelle, UNC-Charlotte; Antonio Paez
CHAIR(S): Debarchana (Debs) Ghosh, University of Connecticut
8:00 James Tamerius, PhD*, Columbia University, *Absolute
Humidity and the Timing of Influenza Epidemics and
Pandemics*.
8:20 Jared Aldstadt*, University at Buffalo, *The relationship
between household entomological risk and dengue
infection in rural Kamphaeng Phet, Thailand*.
8:40 Cory Morin*, University of Arizona; Andrew Comrie,
University of Arizona, *Modeling climate and
environmental influences on Aedes aegypti populations
and dengue fever transmission*.
9:00 Jennifer L. Alexander*, University of Texas at Austin, *A
Search for Reliability in Environmental Prediction of
Vector-borne Disease Outbreaks*.
9:20 John DeGroot*, University of Northern Iowa; Ramanathan
Sugumaran, PhD, University of Northern Iowa,
*Development of a multi-scale predictive framework for
West Nile virus*.

- 1118. Geography 2.x: Applications; Innovations; and Implications (Sponsored by Geographic Information Science and Systems Specialty Group, Cultural Geography Specialty Group, Community College Affinity Group)**

Room: *Murray Hill Suite B, Hilton, Second Floor* (Panel Session)
ORGANIZER(S): Charles Thomsen, American River College
CHAIR(S): Charles Thomsen, American River College

- 1119. Squatting and Social Centers: Resistance and Production of Critical Spaces I (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: *Nassau A, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Pierpaolo Mudu, University of Rome; Miguel
A. Martinez, University Complutense of Madrid
CHAIR(S): Pierpaolo Mudu, University of Rome
8:00 Miguel A. Martinez, Dr.*. University Complutense of
Madrid; Lucy Finchett-Maddock*, *The Right to Squat
the City*.
8:20 Pierpaolo Mudu*, University of Rome, *The Italian Social
Centers: building spaces for autogestioni*.
8:40 Hans Pruijt*, Erasmus Universiteit Rotterdam, *The creative
city, revanchism, moral panics and culture wars. A
reconstruction of a decline of tolerance: the case of
Dutch anti-squatting legislation*.
9:00 Loredana Guerrieri*, Osservatorio Di Genere - Istituto
Storico Della Resistenza Di Macerata; Loredana
Guerrieri, Osservatorio di Genere, *Right-wing "Social
Centers": original or emulative phenomenon?*.
Discussant(s): Matthias Bernt, Institute for Regional development
and Structural Planning

- 1120. Epistemological and Social Theory Implications of Climate Change**

Room: *Nassau B, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): N. C. Christopher Couch, University of
Massachusetts - Amherst
8:00 Daniel Danza*, Rutgers University Dept. of Geography,
*Ontogenic Landscapes: hydro-fracking, potentiality,
and the assemblage of identity over the northeastern
Marcellus Shale*.
8:20 Aaron Strong*, Emmett Interdisciplinary Program in
Environment and Resources, Stanford University,
*Conceptualizing the Anthropogenic: Climate Change
Feedbacks, Free Will and the Epistemology of
Inference*.
8:40 Wiktor Glad*, Linköping University, *Socio-technical
ecology: the ideas of Hägerstrand as an analytical
framework for sustainability studies*.
9:00 Ivan Bialostosky*, University of Minnesota, *Futuricity of
the Sustainable City*.
9:20 N. C. Christopher Couch*, University of Massachusetts -
Amherst, Trinity College, School of Visual Arts, (Re)
*Terraforming Earth and Xenofarming the Planets:
Climate Change and Colonization in Paul J. McAuley's
Quiet War Duology*.

- 1121. Poverty and Space**

Room: *Regent Parlor, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Rene Peter Hohmann
8:00 Matthew Adams*, Institute for Children, Poverty,
and Homelessness, *Neighborhood Location and
Characteristics Associated with Family Homeless
Shelter Entry in New York City*.
8:20 Kate Schlott*, Student, *Racialized Space: An Historical
Examination of Conflicting Land-Use Ideologies
Shaping Contemporary Hawaiian Politics*.
8:40 Liam Riley*, University of Western Ontario, *Urban poverty
and the regulation of informal vending in Malawian
cities*.

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9:00 Stuart C. Aitken*, San Diego State University, *The Most Violent Vibrations Between Hope and Fear*.

9:20 Rene Peter Hohmann, PhD*, King's College London, *Something useful, something convenient, something useless: Evaluating processes of institutional change in area-based initiatives for deprived urban areas*.

1123. Geographic Issues in Yemen

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Charles Schmitz, Towson University

CHAIR(S): Charles Schmitz, Towson University

8:00 Steven Caton*, Harvard University; Steven Charles Caton, PhD, Harvard University, *A Political Life of Water*.

8:20 Nancy Um, PhD*, Binghamton University, *Negotiating Land and Sea: The Urban Form of the Port City of Mocha, Yemen*.

8:40 Stacey Philbrick Yadav*, Hobart & Wm. Smith Colleges, *On the Barricades: Collective Action and the Making of Post-Partisan Identity in Yemen*.

9:00 Charles Schmitz, PhD*, Towson University, *Understanding Tribes in Yemen*.

1124. The Urban Common(s) I: Public Space

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Amanda Huron, Graduate Center, CUNY

CHAIR(S): Amanda Huron, Graduate Center, CUNY

8:00 Christian Anderson*, The City University of New York - Graduate Center, *What do these have in common? Barcelona, New York, and space in-between*.

8:20 John M Crossan*, University of Glasgow, *This Land is Your Land, This Land is My Land: the struggle for Glasgow's common property*.

8:40 Manuel Lutz*, Center for Metropolitan Studies, Transatlantic Graduate Research Program, Berlin, *Uncommon claims to the commons: homeless tent cities in the US*.

9:00 Alessandro Angelini*, CUNY Graduate Center, *Lockdown and Mock-up: Pacification and Cultural Commons in Rio de Janeiro*.

1125. Research, Frameworks, and Methodologies

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lisa Butler Harrington, Kansas State University

8:00 Eve Bratman*, American University, *Overdevelopment: Limits and the Problem of Development*.

8:20 Jennifer L Johnson*, Laurentian University, *Is Supplication a Feminist Methodology? Research in Elite Spaces of Work*.

8:40 Rhodante Ahlers*, UNESCO IHE, *Connecting Neoliberal natures and comparative cases: comparisons that do political and analytical work*.

9:00 Lisa Butler Harrington*, Kansas State University; Guy M. Robinson, University of South Australia, *Building an International Community of Researchers: The Quadrennial Rural Geography Conferences*.

1129. Sounding Spatial Discipline

Room: Mercury Ballroom, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Max Ritts, University of Toronto; Lilian Radovac, McGill University

CHAIR(S): Max Ritts, University of Toronto

8:00 Katie Hemsworth*, Queen's University, *"Far from Folsom Prison": An exploration of aural geographies of prisons in Kingston, Ontario*.

8:20 Lilian Radovac*, McGill University, *Mic Check: On the Regulation of Acoustic Space in New York City*.

Introducer: Darren Roberts

9:00 Suzi Wiseman*, Texas State University - San Marcos, *Sound Census of an Urban Zoo*.

Discussant(s): Max Ritts, University of Toronto

1131. Land-Use and Ecosystem Service Delivery

Room: Petit Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Heather Sander, University of Iowa; Derric Pennington, University of Minnesota

CHAIR(S): Heather Sander, University of Iowa

8:00 Heather Sander*, University of Iowa; Derric Pennington, University of Minnesota, *Land Use and Ecosystem Service Delivery*.

8:20 Richard J Aspinall, Professor*, Independent; Marsaili A Aspinall, University of Aberdeen, *A Land Systems Approach to Ecosystem Services*.

8:40 Derric Pennington, PhD*, University of Minnesota; Brent Dalzell, PhD, University of Minnesota; Steve Polasky, PhD, University of Minnesota; David Mulla, PhD, University of Minnesota; Steve Taff, PhD, University of Minnesota, *Identifying optimum landscapes for water quality and ecosystem services in an agricultural watershed*.

9:00 Kristen Hychka*, U.S. Environmental Protection Agency; Walter Berry, U.S. Environmental Protection Agency; Marisa Mazzotta, EcoBenefits Research; Meghan Nightingale, U.S. Environmental Protection Agency, *Delivery of Ecosystem Benefits at the Urban-Suburban Interface: A Case Study of Flood Protection in the Woonasquatucket River Watershed*.

Discussant(s): Heather Sander, University of Iowa

1132. Brokering bodies across borders I: Intermediaries and the state in the age of mobility (Sponsored by Political Geography Specialty Group, Population Specialty Group, Economic Geography Specialty Group)

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia; Alison Mountz, Syracuse University

CHAIR(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia

8:00 Ishan Ashutosh*, The Ohio State University, *Re-drawing Divides: Assessing the nexus of state/non-state actors in migration management and border enforcement in South Asia*.

8:20 Jennifer Hyndman*, York University, *Managing Aid to Refugees: Whose Good Governance and Human Rights?*

8:40 Laura Madokoro, PhD Candidate*, Department of History, *Illegality Across Time and Space: Chinese Migrants in Australia, Canada and Hong Kong, 1949-1989*.

9:00 Nancy Hiemstra*, Emerson College, *The Chaos of U.S. Migrant Detention and Deportation: Relationships and Power within the 'Immigration Industrial Complex'*.

Discussant(s): Margaret Walton-Roberts, Wilfrid Laurier University

1133. Urban Change in North America and Asia

Room: Trianon Ballroom, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kian Goh, MIT

8:00 Murray H McKenzie, B.A.*, University of British Columbia, *(Re)remembering the Inner City: Appropriations of History and Myth in Vancouver's Creative Industries*.

8:20 Takashi Kirimura*, Ritsumeikan University, *Changes in the Structure of Residential Areas in 20th-Century Tokyo*.

8:40 Anne E Mosher, Ph.D*, Syracuse University, *'Threats to 'New York Supremacy': Infrastructure Remedies to Recurring Macro-Spatial Imaginaries of Fear under Protectionist Elitist Policy Regimes'*.

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- 9:00** Kyung-Min Kim*, Seoul Nat'l Univ, *What factors affect office suburbanization in Seoul metropolitan area?*
- 9:20** Kian Goh, AIA, LEED AP*, PhD Student, Massachusetts Institute of Technology, *ISLAND ? STATE: Politics and Urban Ecologies in Singapore and Manhattan.*
- 1135. Advances and Challenges in Digital Elevation Models I (Sponsored by Coastal and Marine Specialty Group, Spatial Analysis and Modeling Specialty Group, Geomorphology Specialty Group)**
Room: East Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Barry W Eakins, University of Colorado; Jeffrey J. Danielson, United States Geological Survey
 CHAIR(S): John Brock, USGS
8:00 Michael Kobrick*, Jet Propulsion Lab, *A New NASA Digital Topographic Data Set.*
8:20 David Meyer*, United States Geological Survey, *Validation of the ASTER GDEM version 2.*
8:40 Claudia C Carabajal*, Sigma Space Corp.@NASA/GSFC; Jean-Paul Boy, EOST/IPGS (UMR7516 CNRS-UdS), Strasbourg, France.; Vijay P. Suchdeo, Sigma Space Corp. @NASA/GSFC; David J. Harding, NASA Goddard Space Flight Center, *Evaluation of Aster GDEM2 Using ICESat Geodetic Control.*
9:00 Jeffrey J. Danielson*, United States Geological Survey, *The Global Multi-resolution Terrain Elevation Data (GMTED2010): Final Products and Accuracy Assessment.*
9:20 Charles E. Frye*, Esri; Peter Becker, Esri; Cody Benkelman, Esri, *Inside the ArcGIS World Elevation Services.*
- 1136. Academic Traditions, Socio-cultural Contexts, and French Geopolitics (Sponsored by Political Geography Specialty Group, European Specialty Group)**
Room: Green Room, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Guntram Herb, Middlebury College; David Kaplan, Kent State University
 CHAIR(S): Guntram Herb, Middlebury College
 Introducer: Guntram Herb
 Panelists: Frederick Douzet, French Institute of Geopolitics, University of Paris 8; Delphine Papin, IFG; Isabelle SAINT-MEZARD, Institut Français de Géopolitique; Charlotte Recoquillon, Center For Place, Culture and Politics, GC, CUNY; David Kaplan, Kent State University; Jouni Hakli, University of Tampere
- 1141. Networks and Accessibility in Transport (Sponsored by Transportation Geography Specialty Group)**
Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso
 CHAIR(S): Matthias Blondia, K.U.Leuven
8:00 Mari K Vaattovaara*, University of Helsinki; Tuuli Toivonen, University of Helsinki; Maria Salonen, University of Helsinki, *Question of accessibility in a polycentric urban agglomeration.*
8:20 Wan-Ju Lee*, National Taiwan University, *The Emerging Regional City Network in North-East Asia: from Taipei perspective.*
8:40 Mohammed Ibrahim Aldagheiri*, Qassim University, *Accessibility and Regional Economic Development in Al-Qassim Region in Saudi Arabia.*
9:00 Yuseung Kim*, Univ of Southern Maine; Charles Colgan, University of Southern Maine; Jack Kartez, University of Southern Maine, *Development and Application of Integrated Land Use and Transportation Model in the Greater Portland Area in Maine.*
9:20 Matthias Blondia*, K.U.Leuven; Erik De Deyn*, K.U.Leuven, *Networks and nodes in peri-urban regional public transport systems: research by design in the Flemish nebular city.*
- 1144. The University and the City 1 (Sponsored by Applied Geography Specialty Group, Urban Geography Specialty Group)**
Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Andrew Karvonen, University of Manchester; James Evans, University of Manchester
 CHAIR(S): Bas van Heur, Maastricht University
8:00 Tom Becker*, University of Luxembourg, *Building a campus from scratch: the urban and regional dimension of the 'Cité des Sciences' in Esch-Belval/Sanem, Luxembourg.*
8:20 Jan Fischer, PhD*, Oxford Brookes University, *Housing, Parking, and Marketing: Conflict over City Space in Oxford.*
8:40 Heike Joens*, Loughborough University; Mike Heffernan, University of Nottingham, *After Redbrick: Debating the Location of British Universities in the 1960s.*
9:00 Darren P Smith, Dr*, Loughborough University, *The changing studentscapes of university towns.*
9:20 Brian Ackerman*, Federal University of Rio de Janeiro; Brian William Ackerman, M.Sc. Geography, Federal University of Rio de Janeiro, *Bridges to Favelas: How campus planners are trying to integrate the campus of the Federal University of Rio de Janeiro with its surrounding neighborhoods.*
- 1145. Getting Around: Transportation and the Built Environment (Sponsored by Urban Geography Specialty Group, Transportation Geography Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Julie Cidell, University of Illinois
 CHAIR(S): Lucy A Mahoney, University of Oxford
8:00 Julie Clark, Ba(Hons), MPhil, MRes, PhD*, University of Glasgow, *Densification and Desirable Urban Neighbourhoods: Travel choices and social interaction.*
8:20 Yunwoo Nam*, University of Nebraska-Lincoln, *Active community, Built environment features and Social interaction.*
8:40 Emily Talen, PhD*, Arizona State University; Julia Koschinsky, PhD, Arizona State University, *Affordable Housing and Walkable Neighborhoods: A National Urban Analysis.*
9:00 Rebekah Dommel*, Northeastern Illinois University, *Evaluating bicycling accessibility in Chicago, IL.*
9:20 Lucy A Mahoney*, University of Oxford, *If you build it, they will come: Travel Behaviour change in Response to Walking and Cycling Interventions.*
- 1147. National Geographic Geography Intern Program**
Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Karen Gibbs, National Geographic Society
 CHAIR(S): Karen Gibbs, National Geographic Society
- 1148. Droughts and Heatwaves**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Assaf A Alhawas, King Saud University
8:00 Michael Pease*, Central Washington University, *Model Water Transfer Mechanisms as a Drought Preparation System.*
8:20 Robert V Rohli*, Louisiana State University; Luigi Romolo, Louisiana State University, *Dry Spell Climatology and Associated Synoptic Controls in the Southeastern United States.*
8:40 Shama Perveen*, Columbia University; Naresh Devineni, Columbia University; Upmanu Lall, Columbia University, *Development of a Demand Sensitive Drought Index and its Paleo-Reconstruction and*

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Forecasting for Climate Adaptation and Water Management with Applications in the US.

- 9:00** Ruopu Li*, University of Nebraska-Lincoln; Qingfeng Guan, University of Nebraska-Lincoln; Jinfu Leng, University of Nebraska-Lincoln; Kelly Smith, University of Nebraska-Lincoln; Scott Owen, Concentric Corporation; Michael Hayes, University of Nebraska-Lincoln; Denise Gutzmer, University of Nebraska-Lincoln; Mark Svoboda, University of Nebraska-Lincoln; Deborah Wood, University of Nebraska-Lincoln; Melissa Widhalm, Purdue University, *Exploring the relationships between drought intensity and drought impacts in the United States: A spatio-temporal perspective.*
- 9:20** Assaf A Alhawas*, King Saud University, *Daily Water Consumption Fluctuations in response to heat waves and Dust Storms in the City of Riyadh, Saudi Arabia.*

1150. Nuanced Human Landscapes of the American South: Movements and Communities (Sponsored by Study of the American South Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Aretina Hamilton, University of Kentucky; G. Rebecca Dobbs, University of North Carolina at Chapel Hill

- CHAIR(S): Aretina Hamilton, University of Kentucky
- 8:00** LeeAnn Lands, Ph.D.*, Kennesaw State University, *Poor People's Campaigns in the Deep South.*
- 8:20** Robert Cassanello*, University of Central Florida, *Public Space, the Public Sphere and the Discourse of Citizenship in the Age of Emancipation: Urban Antebellum Protest against Jim Crow, 1840-1890.*
- 8:40** Aretina R. Hamilton*, University of Kentucky, *(Somewhere) A Place for Us: Citizenship and Territoriality Among African American Lesbians in Atlanta.*
- 9:00** LaToya E. Eaves*, *Carryin' On: Narrating Community Formations of Black Queer Women in the Rural U.S. South.*

Discussant(s): Barbara Ellen Smith, Virginia Tech

1151. Nightscapes: Discourses on Nocturnal Labor, Recreation and Leisure, Nighttime Infrastructural Landscapes and Spatialization (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Joseph Palis, North Carolina State University; Tamara M Johnson, University of North Carolina - Chapel Hill

- CHAIR(S): Lisa Marshall
- Discussant(s): Joseph Palis, North Carolina State University
- Panelists: Karen M Johnston, Massey University; Lisa Marshall; Ben Gallan, University of Wollongong; Lusi Morhayim; Tamara M Johnson, University of North Carolina - Chapel Hill

1153. Critical Geographies of Young People - Globalization, Space and Time I: Global Discourses (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Tracey Skelton, National University of Singapore; Jared Wong, National University of Singapore

- CHAIR(S): Tracey Skelton, National University of Singapore
- 8:00** Jared Wong*, National University of Singapore, *Young People's Presence, Participation and (Re)presentation in the 2010 Youth Olympic Games.*
- 8:20** Deborah Durham, Ph.D.*, Sweet Briar College, *A Lost Continent? Youth and the Loss of Adulthood across Africa.*

8:40 Karen Wells*, Birkbeck College, *Fostered, Trafficked, or Migrating? Shifting Discourses of Child Migration.*

9:00 Anandini Dar*, Department of Childhood Studies, Rutgers University, *Amidst the material, the everyday, and the global: childscapes of diasporic South Asian childhoods.*

9:20 Tara Woodyer*, University of Exeter, *Bratitute and Potter Mania: examining children's engagements with global brands.*

1154. Environmental Governance and Change in India and South Asia (Sponsored by Asian Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Sya B Kedzior, Humboldt State University
 CHAIR(S): Sya B Kedzior, Humboldt State University

- 8:00** Bryan R. Bushley*, University of Hawai'i at Manoa; Dil Raj Khanal, Federation of Community Forest Users, Nepal (FECOFUN), *Selling the Carbon Commons: Decentralization, Commercialization, Forest Tenure and Carbon Trading in Nepal's Community Forestry.*
- 8:20** Sutapa Chattopadhyay*, Maastricht University, *Post-Colonial Development State, Dams and Adivasis.*
- 8:40** Mitul Baruah, Ph.D. Student*, Department of Geography, Syracuse University, *River bank erosion in the making and unmaking of an island: unraveling political ecology of a disaster in Majuli, India.*
- 9:00** Neera Singh*, University of Toronto, *REDD+ and Nested Forest Governance: Learning from forest communities in Orissa, India.*

Discussant(s): Sya B Kedzior, Humboldt State University

1156. Coastal and Marine Illustrated Paper Session I (Sponsored by Coastal and Marine Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

- ORGANIZER(S): Jennifer Rahn, Samford University
 CHAIR(S): Jennifer Rahn, Samford University
- 8:00** Xiaohui Cui*, New York Institute of Technology; Cheng Liu, Oak Ridge National Laboratory; Xiaomeng Chang, Oak Ridge National Laboratory, *Population Impact Visual Analytics for Man-made Disaster.*
- 8:07** Andrew Bennett*, East Carolina University, *Social Landscapes and Land Cover Characterization of Coastal Barrier Island Communities.*
- 8:14** Anna E. Davenport*, San Francisco State University Geography Department, *Modeling Geomorphic Effects on Eelgrass (*Zostera marina*) Distribution Before and After Restoration, Nisqually Delta, Washington.*
- 8:21** Ying Huang*, Harvard University; KyungMin Kim, Seoul National University, *Office Suburbanization in Asian Transitional City: Evidence of Shanghai.*

Introducer: Andrea White

- 8:35** Cassandra C Kulmann, Hons B.A., B.Ed., M.A. Candidate*, University of Western Ontario; Chantelle A.M. Richmond, Ph.D., University of Western Ontario, *Transfer of Indigenous Knowledge between Anishinabe Elders and Youth.*
- 8:42** Katherine Genevieve Sammler*, The University of Arizona, *Aquatic Imaginaries: Navigating Marine Debris.*
- 8:49** Jennifer Rahn*, Samford University, *From Coral Reef to Coastline: A Caribbean Example of a Low Budget Method for On-and-Nearshore Profile Surveying.*

FRIDAY, FEBRUARY 24 • 8:00 AM - 9:40 AM • 1100**1157. Risky endeavors: Emerging approaches to the creation of risk and responses to the uncertain 1 (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group)***Room: Central Park West, Sheraton, Second Floor (Paper Session)*

ORGANIZER(S): Patrick Bigger, University of Kentucky

CHAIR(S): Patrick Bigger, University of Kentucky

8:00 Jairus Rossi*, University of Kentucky, *Risk Mitigation and Normal Environmental Variation in Seed Banking for Ecological Restoration.***8:20** Timothy Vatovec*, University of Kentucky, *Scenarios as Imaginative Works: Risk and the Enactment-based Production of Knowledge.***8:40** Malini Ranganathan*, University of Illinois, Urbana-Champaign, *"Prone to Floods": A Political Ecology of Risk at the Urban Frontier.***9:00** James Jeffers*, University of Strathclyde, *Managing uncertainty and constructing risk: The limits of contemporary hazards mitigation and climate adaptation policies.*

Discussant(s): Stephanie Simon, University of Amsterdam

1158. North American Suburbanisms*Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)*

ORGANIZER(S): Jan Nijman, University of Amsterdam

CHAIR(S): Jan Nijman, University of Amsterdam

8:00 Roger Keil*, York University, *Los Angeles: From classic suburbia to the inverted city.***8:16** Elliot Siemiatycki*, University of British Columbia; Jamie Peck*, University of British Columbia; Elvin Wyly, UBC, *Vancouver's suburban involution.***8:32** Paul Knox*, Virginia Tech, *Suburban Social Ecology: The "New Normal".***8:48** Richard A. Walker, Prof.*, University of California-Berkeley, *Varieties of Suburbia: The Case of the San Francisco Bay Area.***9:04** Jan Nijman*, University of Amsterdam; Tom Clery, University of Miami, *To the Everglades and Back: The Suburbanization of Miami.***1159. Spatial Tensions & Cultural Contentions***Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)*

ORGANIZER(S): Arianna Martinez

CHAIR(S): Arianna Martinez

8:00 Arianna Martinez*, LaGuardia Community College, City University of New York, *The Politics of Latino Belonging: Law, Scale, & Identity in Municipal Anti-Immigrant Ordinances in the United States.***8:20** Carolina S Sarmiento*, University of California, Irvine, *Strategies of Fire and ICE in Cultural Planning: Power, Immigration, and Race and its effects on Contested Space.***8:40** Vera Zambonelli*, University of Hawaii, *Where encounter leads to engagement.***9:00** Aftab Erfan*, University of British Columbia, *Deliberation and Community Development: Learning from Canada's Indigenous People.***1160. Vegetation Dynamics I (Sponsored by Biogeography Specialty Group)***Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)*

ORGANIZER(S): Adam Naito, Texas A&M University; Jeremy S Johnson

CHAIR(S): Jeremy S Johnson

8:00 Severin D.H. Irl*, Department of Biogeography, University of Bayreuth; Manuel J. Steinbauer, Department of Biogeography, University of Bayreuth; Carl Beierkuhnlein, Prof. Dr., Department of Biogeography, University of Bayreuth, *Invasion and speciation of vascular plant species on a volcanic oceanic island with steep elevational and environmental gradients.***8:20** Charles Lafon*, Texas A & M University; Carissa Wonkka, Texas A&M University; Craig Hutton, Texas A&M University; Audrey Joslin, Texas A&M University, *Influences of Tree Life History Strategy on Patterns of Ice Storm Damage.***8:40** Elisabeth Levac, PhD*, Bishop's University; Simone Sandercombe, McGill University; Gail Chmura, PhD, McGill University, *Assessing the Response of Newfoundland Forests to Climatic Variability Using a High Resolution Palynological Record from Bay of Islands, Newfoundland.***9:00** Duane Griffin*, Bucknell University, *Development of Late Quaternary Diversity Gradients Inferred from Eastern North America Pollen Records.***9:20** Tony Stallins*, University of Kentucky, Department of Geography, *Thresholds, Tipping Points, and Irreversibility: The Convergence of Resiliency Theory with Tom Vale's Plants and People: Vegetation Change in North America.***1161. Emotional and affective methodologies: feeling, thinking and knowing (Session 1) (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)***Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Shauna Mackinnon; Liz Bondi, University of Edinburgh

CHAIR(S): Liz Bondi, University of Edinburgh

8:00 Annette Watson*, College of Charleston, *Are You Scared of the Woodsman?: Methodologies to Elicit the Felt Realities of Cultural and Climate Change.***8:20** Destiny D Aman, M.S.*, Penn State University, *Affecting risk: the politics of emotion and the 'nature' of the natural hazard.***8:40** Shauna L Mackinnon, BA (Hons)*, The University of Manitoba; S. Michelle Driedger, PhD, The University of Manitoba, *Understanding the feelings of H1N1 through the lens of a Metis population.***9:00** Nancy Fenton, PhD*, University of Waterloo; Susan J Elliott, PhD, University of Waterloo; Ann Clarke, MD, McGill University Health Centre, *Emotional and affective methodologies: feeling, thinking and knowing.***9:20** Keri Jenner*, University of Exeter, *Bodies, Materiality and the affective registers: An explorative methodology.***1162. Interrogating Race Inside and Outside the Academy I (Sponsored by AAG ALIGNED Diversity Project)***Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Priscilla McCutcheon, University of Connecticut; Ellen Kohl, University of Georgia

CHAIR(S): Priscilla McCutcheon, University of Connecticut

8:00 Priscilla McCutcheon*, University of Connecticut, *Food, Faith, and the Everyday Struggle for Black Urban Community.***8:20** Ellen Kohl*, University of Georgia, *The role of race in environmental justice organizing: The activism of the Newtown Florist Club.***8:40** Rachel Brahinsky*, University of California - Berkeley, *After Clyde Woods: On praxis, race, and geography.***9:00** Rebecca J. Kinney, Ph.D.*, University of California, San Diego, *Placing Race: Strengthening the Ties Between Ethnic Studies and Geography.***9:20** James Edgar Peavy II*, Delta State University, *Racial Segregation and Integration in the Mississippi Delta.*

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1163. LiDAR Remote Sensing Applications

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Jungho Im, SUNY ESF; Giorgos Mountrakis, SUNY - ESF

CHAIR(S): Giorgos Mountrakis, SUNY - ESF

8:00 Zhiyong Hu*, University of West Florida; Evan Wheeler, University of West Florida; Alexander Thigpen, University of West Florida, *Biomass mapping using airborne LIDAR data.*

8:20 Diane M. Styers, PhD*, Western Carolina University; L. Monika Moskal, PhD, University of Washington; Jeffrey J. Richardson, PhD, University of Washington, *Improving Land Use/Land Cover Classification Accuracy Using High Density Aerial LiDAR.*

8:40 Lei Wang*, Louisiana State University, *Morphologic feature detection from profiling and scanning LIDAR data.*

9:00 Wenge Ni-Meister*, Hunter College of The City University of New York; Golden Green, Hunter College of CUNY; Sean Ahean, Hunter College of CUNY, *Fusion of Remotely Sensed 3D Vegetation Structure with a Dynamic Global Terrestrial Ecosystem Model for Improved Estimates of Carbon Stocks and Land-Atmosphere Exchanges.*

9:20 Wei Zhuang*, State University of New York, College of Environmental Science and Forestry; Giorgos Mountrakis, SUNY - ESF, *A novel regression model for biomass estimation based on large-footprint LVIS waveform data.*

1164. Examining the mobility crisis - across geographical scales, theoretical perspectives and various contexts

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Till Koglin

CHAIR(S): Till Koglin

8:00 Till Koglin*, Lund University, *Modernist planning and cycling - A theoretical concept for analysing power relations.*

8:15 Theresa M Harada, BEd BSc(Hons)*, University of Wollongong, *Re-fashioning everyday driving routines.*

8:30 Fredrik Pettersson*, Lund University, *From words to action: concepts, framings of problems and knowledge production practices in regional transport infrastructure planning in Sweden.*

8:45 Gregg N Culver, Ph.D. Student*, University of Wisconsin-Milwaukee, Department of Geography, *Automobility and the Politicization of High-Speed Rail in Wisconsin.*

9:00 Matt Hern*, Simon Fraser University, Urban Studies; Anthony Perl, Simon Fraser University, Urban Studies, *Streets Paved With Gold: Urban Highway Building and Global City Formation - The Canadian Example.*

1165. Analysis of Multi-temporal Remotely Sensed Data: Methods and Applications (I) (Sponsored by Remote Sensing Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Desheng Liu, The Ohio State University; George Xian, ARTS

CHAIR(S): Desheng Liu, The Ohio State University

8:00 Changshan Wu, Dr. *, University of Wisconsin, Milwaukee, *Change analysis of urban impervious surface areas at the watershed level.*

8:20 Subhajit Ghoshal*, University of South Carolina; Allan James, University of South Carolina, *Error Modeling In DEM Differencing Analysis.*

8:40 Meghan Graham MacLean, PhD Candidate*, University of New Hampshire; Russell Congalton, PhD, University of New Hampshire, *Creating Land Cover Maps from Single or Multi-date Images: Which are More Accurate?.*

9:00 Qingling Zhang*, Yale University; Karen C. Seto, Yale

University, *Mapping urbanization dynamics at regional and global scales using multi-temporal.*

9:20 Cuizhen (Susan) Wang*, University of Missouri; Li Zhang, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences, China; Yubao Qiu, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences; Guang Liu, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences, China; Zhongchang Sun, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences, China, *Mapping Grassland Distributions and Responses to Climate Variations in the Tibetan Plateau with MODIS Time Series.*

1166. Urban Agriculture in Developing World Cities (Sponsored by Cultural and Political Ecology Specialty Group, Qualitative Research Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Courtney Gallaher, Michigan State University

CHAIR(S): Courtney Gallaher, Michigan State University

8:00 Katherine Bennett, Assistant Professor*, Ohio State University; Parwinder Grewal, Professor, Ohio State University; Kanokwalee Suteethorn, Assistant Professor, Chulalongkorn University, *Redeveloping Domesticity in Bangkok.*

8:15 Jennifer M Saunders, Masters of Environmental Studies Candidate*, College of Charleston; Tracy Burkett, Ph.D., College of Charleston, *Growing Connections: Understanding the role of Higher Education in Charleston's Urban Agriculture Network.*

8:30 Courtney Gallaher*, Michigan State University; Mary Njenga, University of Nairobi; Nancy Karanja, University of Nairobi; Antoinette WinklerPrins, Michigan State University, *Urban agriculture and household food security: Sack gardening in the Kibera slums of Nairobi, Kenya.*

1170. Geomorphology and Erosion

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mabel Anim, University of Cape Coast, Ghana

8:00 Xin Miao*, Missouri State University, *Sinkhole Detection Using High-Resolution LiDAR Data.*

8:20 Wei Wei*, Research Center for Ecoenvironmental Sciences, CAS; Liding Chen, RCEES, CAS; Lei Yang, RCEES, CAS; Fuyan Jia, RCEES, CAS, *Soil Erosion Responses to the Interactions of Land Use and Rainfall in the Loess Plateau, China.*

8:40 Stephen Tsikalas, M.A. *, Texas State University, *The Mud-Nesting Swallows of Texas: An Investigation of the Zoogeomorphic Process of Mud and Clast Transport by Swallow Species.*

9:00 Brandon J Weihs*, Kansas State University; William D Butler, Kansas State University; Richard A Marston, PhD, Kansas State University, *Cross-Valley Profiles and Mass Movement Hazards in Deglaciated Canyons.*

9:20 Mabel Anim*, University of Cape Coast, Ghana, *Particle Size Analysis as a Measure in Determining Erosion Along Coastlines.*

FRIDAY, FEBRUARY 24 • 8:00 AM - 9:40 AM • 1100**1171. Geographies of Waste (1) Waste Infrastructures (Sponsored by Cultural Geography Specialty Group, Energy and Environment Specialty Group)**

- Room:** *Riverside Suite, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alan Metcalfe, University of Portsmouth
 CHAIR(S): Alan Metcalfe, University of Portsmouth
8:00 Julia Eleanor Corwin*, University of Minnesota, *The waste of waste: The invisibility of organics in New York City's trash.*
8:20 Raysa J. Martinez Kruger*, Rutgers University, *Governmental Rationalities of Garbage Management in New Jersey.*
8:40 Virginia McLaren*, University of Toronto, *Shared Responsibility, Full Responsibility, No Responsibility: The Changing Landscape for Extended Producer Responsibility in Ontario.*
9:00 Julian Cleary*, University of Toronto, *Waste prevention and life cycle assessment of residential waste management in Toronto, Canada.*
9:20 Stefania Gallini, Dr*, Universidad Nacional de Colombia, *Nature at work in the 19 c. waste regime of Bogotá, Colombia.*

1172. Fragmented workplaces, worker mobility and union strategies: experiences from the hospitality sector and beyond (I) (Sponsored by Economic Geography Specialty Group)

- Room:** *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): David C Jordhus-Lier, Suzanne Mills, McMaster University
 CHAIR(S): Suzanne Mills, McMaster University
8:00 Mia Gray*, University of Cambridge; James Defilippis, Rutgers University, *Unions Setting Boundaries: Learning from Las Vegas.*
8:20 Steven Tufts*, York University, *The Nature of Hospitality and Worker Response to Climate Change.*
8:40 Ulrikke Wethal*, Department of Sociology and Human Geography, University of Oslo; Sylvi B. Endesen, Department of Sociology and Human Geography; Hege M. Knutsen, Department of Sociology and Human Geography, *Discourses on Casualization: The Norwegian Model and Temp Agencies.*
9:00 David C Jordhus-Lier*, Norwegian Institute for Urban and Regional Research, *Fragmented workplaces, outsourced cleaners and union responses in hotels in the Oslo region.*
9:20 Kristina Zampoukos, Senior Lecturer in Human Geography*, Mid-Sweden University; Dimitri Ioannides, Professor in Human Geography, Mid-Sweden University, *Labor mobility in tourism and hospitality: Effects on firms' capacity to innovate.*

1173. Food security, food sovereignty, & food justice: the Geographies of Food (Sponsored by Geographic Perspectives on Women Specialty Group)

- Room:** *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Yui Hashimoto; Allison M. Williams, McMaster University
 CHAIR(S): Yui Hashimoto
8:00 Yui Hashimoto*, McMaster University; Allison M. Williams, Ph.D, McMaster University, *Employing a Feminist Geography Perspective for Social Justice: A Case Study of Food Insecurity for Lone Mothers in Hamilton, Ontario, Canada.*
8:20 Michael J Widener*, University at Buffalo, *An Agent-based Approach to Modeling Food Desert Policy Interventions.*
8:40 Heather Picotte, MA*, University of British Columbia, *Desert of Affluence: Food Security Experiences of Women Living with HIV in Western Canada.*
9:00 Laura Lepper*, York University, *'Stop the Cuts!': Examining the mobilization of food justice groups in*

the context of austerity attacks in Toronto.

- 9:20** C. Patrick Heidkamp*, Southern Connecticut State University; Scott E. Russell*, University of Connecticut, *Supermarkets, Small Grocers & Convenience Stores: A Critical Geography of the Urban Food Retail Environment.*

1174. New Directions in Human Geographical Theory 1

- Room:** *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Lucas Melgaço, Queens University; Nicolas Bautès, Université de Caen Basse-Normandie
 CHAIR(S): Lucas Melgaço, Queens University
8:00 Lucas Melgaço*, Queens University, *Contributions to security and surveillance studies from the theory of Brazilian geographer Milton Santos.*
8:20 Daniel Hart London, M.A. History*, CUNY Graduate Center, *Building the Great Community: John Dewey and The Public Spaces of Pragmatism.*
8:40 Jeffrey Lash*, University of Houston Clear Lake, *Jovan Cvijic: Serbia's Forgotten Geographer.*
9:00 Amy D Piedalue*, University of Washington, *Understanding Violence in Place: Producing Knowledge about Gender Violence in the Global South.*
9:20 Jussi S. Jauhainen*, University of Turku; Johanna Hautala, University of Oulu, *Organizing Knowledge in Economic Geography.*

1175. Human-Plant Geographies I: Engaging Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)

- Room:** *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University
 CHAIR(S): Catherine Phillips, University of Wollongong
 Introducer: Lesley Head
8:05 Luci Attala*, *Listen carefully.*
8:25 Jennifer M Atchison, PhD*, University of Wollongong; Lesley Head, PhD, University of Wollongong, *Towards an embodied approach in invasive plant management.*
8:45 Emily Eaton*, University of Regina, *Wheat and Canola as Co-Producers of GM Politics.*
9:05 Jeremy Brice*, University of Oxford, *Clones with Character(s): Reconsidering human-plant relations in the vineyard.*
 Discussant(s): Maan Barua, University of Oxford

1176. Developing Tourism by Indigenous People in Indigenous Areas and Challenges 1. (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)

- Room:** *Madison Suite 6, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Anne-Marie D'Hauteserre, University of Waikato
 CHAIR(S): Anne-Marie D'Hauteserre, University of Waikato
8:00 William Price*, University of Kansas, *Extinct but not Gone: Aborigines and the Tasmanian Tourism Landscape.*
8:20 Wen Huang*, Southwest University for Nationalities; Tingzhi Wang*, Sichuan University, *The Impact of Tourism Planning on Ethnic Minority Community: A Case Study of Qionglin Lhoba Village, Tibet.*
8:40 Albina Pashkevich*, School of Technology and Business Studies, Dalarna University, *Rejuvenation of tourism space: myth or reality? Looking at the examples from the Russian Arctic Communities.*
9:00 Claudia A. Troncoso*, CONICET- Universidad de Buenos Aires, *Traditional Andean Food, Tourism and Place: Defining the New Geography of the Quebrada de Humahuaca (Argentina).*
 Discussant(s): Marcela A Palomino-Schalscha, University of Canterbury

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1177. Adaptive Governance of Socio-Ecological Systems: From Theoretical Discussions to Practical Implementations

Room: Park Suite 1, Sheraton, Fifth Floor (Interactive Short Paper Session)

ORGANIZER(S): Laura M Pereira, University of Oxford

CHAIR(S): Ioanna Tantanasi, University of Manchester; James Evans, University of Manchester

8:00 Claude Peloquin*, University of Arizona, *Marxist dialectics contra the neoliberalization of socio-ecological complexity?*.

8:05 Lisa K. Tabor*, Kansas State University; John A. Harrington, Jr., Kansas State University; Iris E. Wilson, Kansas State University, *Stakeholder Adaptation to Climatic Change in Kansas: What Have We Learned?*.

8:10 Julie Porter*, Cardiff University, *Regional Resilience in Unstable Economic Times: A comparative study of two UK regions*.

8:15 Ryan S Anderson*, University of Wyoming; Steven D. Prager, University of Wyoming, *A hydrologic approach to examining social-ecological networks in Ethiopian agroecosystems*.

8:20 Christina Tonitto, Ph.D.*, Cornell University, *Ecological management of agricultural landscapes*.

8:25 Lin Jo chi*, +86-15101545838; Cai Yun Long, *China farmers' perception on the multifunctional agricultural regime - a case study of Daxing District in Beijing*.

8:30 Ruxandra Popovici*, Carleton University, *At the interface of orientalism and cultural hybridity: Producing, adapting, and contesting 'sustainable development' in the Peruvian Amazon*.

8:35 Mae Davenport*, University of Minnesota, *Community Capacity to Adapt to Social-Ecological System Change: Three U.S. Case Studies*.

8:40 Ioanna Tantanasi*, University of Manchester, *Adaptive governance for carbon budgets in the Peak District National Park*.

1178. Housing, Land and Urban Transformation in China I (Sponsored by China Specialty Group, Population Specialty Group, Urban Geography Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Youqin Huang, SUNY - Albany; Wei Xu, University of Lethbridge

CHAIR(S): Youqin Huang, SUNY - Albany

8:00 Si-Ming Li*, Hong Kong Baptist University, *Housing Inequality in Urban China in the First Decade of the Twenty-First Century: Analysis of Survey Data*.

8:20 Youqin Huang*, SUNY - Albany, *Low-income Housing in Chinese Cities: Policies and Practices*.

8:40 Han Wang*, Renmin University of China; Yuhong Niu, Peking University, *Public housing planning for special groups: an empirical study on residential conditions and location choice of the newly-employed graduates in Beijing*.

9:00 Yunxiao Dang*, Institute of Geographical Sciences and Natural Resource Research, CAS; Wenzhong Zhang, Ph.D, Chinese Academy of Science; Zhilin Liu, Ph.D, Tsinghua University, *Land-based Political Interests and Location of Affordable Housing Projects in a Transitional Economy: The Case of Beijing, China*.

9:20 Yang Wang, Peking University; Xiaoyan Mu*, Peking University, *Residential Satisfaction and Needs of Low-Income People and The Determinants??A case study on Tiantongyuan Community in Beijing*.

1179. Genetically Engineered Geographies in the Global South (1 of 2) (Sponsored by Cultural and Political Ecology Specialty Group, Africa Specialty Group, Development Geographies Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Brian Dowd-Urbe, Columbia University; Matthew Schnurr

CHAIR(S): Brian Dowd-Urbe, Columbia University

8:00 Matthew Schnurr*, Dalhousie University, *Who is behind Africa's Green Revolution? Unraveling the strategies used to promote Genetically Engineered crops in Uganda*.

8:20 Ilona Moore*, University of Minnesota, *Promising Doom: narration, modernity, and the imperative of genetic engineering*.

8:40 Matthew Harsh*, Arizona State University, *NGOs and Agricultural Biotechnology in Kenya: Citizen Engagement and Representation When Science and Civil Society Fuse*.

9:00 Kimberly Pfeifer*, Oxfam America, *The implications of transgenic cotton and rural institutions for resource-poor farmers*.

1180. Fine Mapping and Modeling

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stacy Drury, Sonoma Technology Inc

8:00 Anne Jacquin*, University of Toulouse, Purpan School of Engineers (France); Thomas Devienne, University of Toulouse, Purpan School of Engineers (France); Shawn J.M. Hutchinson, Department of Geography, Kansas State University (U.S.), *Fire history reconstruction using multisource remote sensing data in grassland ecosystems*.

8:20 Edwin Chow*, Texas State University - San Marcos; Jennifer Jensen, Texas State University - San Marcos; Karen Ridenour, Texas Forest Services; Kate Crosthwaite, Texas Army National Guard; Sean Rissel, Texas Forest Services; Landon Temple, Texas Forest Services, *Fuel Model Characterization of Central Texas Ecosystems for Wildfire Modeling*.

8:40 Rhett L. Mohler, Ph.D.*, Kansas State University, *Mapping prescribed burning in the Flint Hills of Kansas and Oklahoma, USA, 2000-2011*.

9:00 Melanie B Stine*, Texas State University-San Marcos, *Effects of Fire on Geomorphic Factors of Seedling Site Conditions in the Alpine Treeline Ecotone*.

9:20 Stacy A Drury, PhD*, Sonoma Technology Inc, *Uncertainty in Model-Generated Fire Weather Values: How Does Model Variability Influence the Reliability of Dry Thunderstorm Risk and Ignition Potential Predictions?*.

1181. Glaciology

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susanne Schmidt

8:00 Marcus Nuesser*, South Asia Institute, Heidelberg University; Susanne Schmidt, South Asia Institute, Heidelberg University, *Nanga Parbat Revisited: Glacier changes based on a re-photographic survey between the 1930s and 2010*.

8:20 Jorge V. Ruiz, Dr. *, Universidad Pedagógica Y Tecnológica De Colombia, *Tropical glacier retreat in Sierra Nevada del Cocuy, Boyaca, Colombia 1955-2009*.

8:40 Susanne Schmidt*, South Asia Institute, Heidelberg University; Marcus Nuesser, South Asia Institute, Heidelberg University, *Changes of high altitude glaciers in the Trans-Himalaya of Ladakh*.

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1201. Converging themes in geography and computer games (Sponsored by Cartography Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Ola Ahlqvist, The Ohio State University

CHAIR(S): Ola Ahlqvist, The Ohio State University

10:00 Emily Sanschagrin*, Placeways LLC, *Emerging Technology Choices for Participatory Planning*.

10:20 Alexandre Abreu*, Catholic University of Minas Gerais; Joao Francisco De Abreu, Catholic University of Minas Gerais/Brazil, *Mapping some aspects of the Rudyard Kipling's- Game of Kim*.

10:40 Kira Sullivan-Wiley, MA*, Boston University, *An analysis of land use and water-related disaster risk in rural Uganda*.

11:00 Kiril Vatev*, The Ohio State University, *Strategies in Implementation of ArcGIS Server as a Data Provider for Online Geogames*.

Discussant(s): Ola Ahlqvist, The Ohio State University

1202. Theorizing the Geoweb II (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Agnieszka Leszczynski, University of Washington; Matthew W. Wilson, University of Kentucky

CHAIR(S): Daniel Sui, Ohio State University

10:00 Wen Lin*, University of Wisconsin-La Crosse, *VGI and networked public spheres? Politics of everyday mapping and spatial narratives*.

10:20 Agnieszka Leszczynski*, University of Washington, *Spatial Media(s)*.

10:40 Nicholas Bauch*, Stanford University, *Data Centers and the Material Grounding of our Virtual Selves*.

11:00 Alan McConchie*, University of British Columbia, *Hacker cartographies*.

11:20 Monica Stephens*, University of Arizona; Antonella Rondinone*, Università Di Siena, *Gendering the GeoWeb: Analysing demographic difference in user generated geographic information*.

1203. Qualitative Methods in Winning Research Proposals (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Chris McMorran, National University of Singapore

CHAIR(S): Chris McMorran, National University of Singapore

Discussant(s): Meghan Cope, University of Vermont

Panelists: Amy E. Ritterbusch, Universidad de los Andes; Geoffrey DeVerteuil, University of Southampton; Hilda Kurtz, University of Georgia; Thomas Baerwald, National Science Foundation; Elsa Ransom, Social Science Research Council

1204. Climate change, environmental conflict and societal stability II (Sponsored by Political Geography Specialty Group, Human Dimensions of Global Change Specialty Group, Climate Specialty Group, United Nations Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Tracy Van Holt, East Carolina University; Peter Michael Link, University of Hamburg

CHAIR(S): Tracy Van Holt, East Carolina University

10:00 Juergen Ossenbruegge*, University of Hamburg, *Climate Change, Urbanization and Conflict*.

10:20 Solomon M Hsiang*, Princeton University; Kyle C Meng, Columbia University; Mark A Cane, Columbia University, *Civil conflicts are associated with the global climate*.

10:40 Christian Webersik*, University of Agder, *Limiting Conflict in Climate Change Responses*.

11:00 Jürgen Scheffran*, Institute of Geography, KlimaCampus, University of Hamburg, *Potential Pathways, Risks and Conflicts of Climate Engineering*.

Discussant(s): Jeffrey Johnson, ECU

1205. Foreclosure: Causes and Consequences

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Daniel Hammel, University of Toledo

CHAIR(S): Daniel Hammel, University of Toledo

10:00 Carol Atkinson-Palombo*, University of Connecticut; Brandon Cramer, University of Connecticut, *Suburban Typologies and Residential Foreclosures in Phoenix, Arizona*.

10:20 Martin Saavedra, PhD Candidate*, Virginia Tech University, *Foreclosure Crisis: Legal Process and Capital Accumulation*.

10:40 Maianna Voge*, George Washington University, *Understanding the pattern of foreclosures in California's Central Valley: the case of Stockton, California*.

11:00 Susan Saegert*, Graduate Center CUNY; susan c saegert, PhD, Graduate Center City University of New York, *Revisiting "The Housing Questin" in Light of the Foreclosure Crisis*.

Discussant(s): Kathe Newman, Rutgers University

1206. Labour and the City II: Work, Employment and Urban Life (Sponsored by Urban Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Michelle Buckley, University of Oxford; Esther Rootham, School of Geography and the Environment

CHAIR(S): Michael Samers, University Of Kentucky

10:00 Colleen McTague, Ph.D.*, University of Cincinnati, *Caught between a job and a hard place: vulnerability and favoritism in the day labor market*.

10:20 Esther Rootham, DPhil Candidate*, School of Geography and the Environment, *Urban segregation and the micropolitics of coping: workplace experience of the young racialized banlieues youth in the city*.

10:40 Elena Givental, Ph.D.*, Lincoln University, Berkeley City College, *All Roads Lead to Ho Chi Minh City: Migration and Housing in the Vietnamese Metropolis*.

1207. Hunger & Food Systems - Urban & Global Perspectives

Room: Concourse G, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Colin Robertson, Wilfrid Laurier University

10:00 John O Odihi*, Universiti Brunei Darussalam, *Hunger Among the Middle Class in Urban Nigeria*.

10:20 Anouk Patel-Campillo*, The Pennsylvania State University, *The Co-Evolution of Institutional Architectures: Evidence from the Pennsylvania Wine Industry*.

10:40 Michael Nesius, ABD*, Florida State University, *Ruralization of the Urban: Integrating Social Networks with the Locally Grown Foodscape*.

11:00 Colin Robertson*, Wilfrid Laurier University, *Bivariate point pattern analysis of antimicrobial resistance in shrimp farms*.

1208. Rainfall

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Arthur N Samel, Bowling Green State University

10:00 Eric Sproles*, Oregon State University; Anne W. Nolin, Oregon State University, *A Probabilistic Approach to Understanding the Rain-Snow Transition in Future*

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Climates.

- 10:20** Asher Siebert*, Rutgers University; Neil Ward, independent scholar, *Exploring the frequency of hydroclimate extremes on the Niger River using Monte Carlo methods.*
- 10:40** Sarah Praskievicz*, University of Oregon; Patrick Bartlein, University of Oregon, *Estimating Local Lapse Rates of Temperature and Precipitation for Downscaling Climate Change Scenarios in Mountainous Basins.*
- 11:00** Nasser A Alsaaran*, King Saud University, *Validation of satellite-derived daily rainfall estimates over Riyadh city, Saudi Arabia.*
- 11:20** Arthur N Samel*, Bowling Green State University, *Simulation of Yangtze River Valley Summer Monsoon Rainfall Interannual Variability and Remote Teleconnections.*

1210. Hurricanes II: Spatial and Temporal Variability (Sponsored by Climate Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Kam-Biu Liu, Louisiana State University; Harry Williams, University of North Texas
- CHAIR(S): Cary J. Mock, University of South Carolina
- 10:00** James Elsner*, Thomas Jagger, Florida State University, *Hurricane Clusters in the Vicinity of Florida.*
- 10:20** Terrence A McCloskey*, Louisiana State University; Thomas A Bianchette, Louisiana State University; Kam-biu Liu, Louisiana State University, *Track Patterns of Landfalling and Coastal Tropical Cyclones in the Atlantic Basin and Their Relationship with the North Atlantic Oscillation (NAO).*
- 10:40** David R Roache*, University of South Florida; Jennifer M Collins, University of South Florida, *Variability of Eastern North Pacific Tropical Cyclone Activity during ENSO Neutral Conditions.*
- 11:00** Cary J. Mock*, University of South Carolina, *Typhoons in the Hong Kong Area Since 1827.*
- 11:20** Michael Grossman*, Department of Geography SIUE; Masumi Zaiki, Faculty of Economics, Seikei University, Japan, *Typhoons in Japan from 1880 to 1899.*

1211. Evolutionary Economic Geography II - Conceptualising Evolutionary Heterogeneity (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Dieter Franz Kogler, University College Dublin; David Rigby, UCLA
- CHAIR(S): Andy Pike, Newcastle University
- 10:00** Peter Maskell, Professor*, CBS - Copenhagen Business School; Anders Malmberg, Professor, Uppsala University; Bo Malmberg, Professor, Stockholm University, *And the first one now will later be last: On the tricky issue of changing positions in the evolution of clusters and regions.*
- 10:20** Arnoud Legendijk*, Radboud University Nijmegen; Paivi Oinas, Economic Geography Research Group, Turku School of Economics, *The roles local nodes play in the interdependent world economy: the construction of local innovativeness, proximity and diversity.*
- 10:40** Michael Storper*, London School of Economics; Tom Kemeny, University of North Carolina, *Reconsidering Specialization and Urban Economic Performance: the problem of unobserved heterogeneity.*
- 11:00** Dieter Franz Kogler*, University College Dublin; Maryann P. Feldman, University of North Carolina, Chapel Hill, *rKnowledge - Recombinant Technology Evolution of rDNA Methods.*

Discussant(s): Ron Boschma, Utrecht University

1212. Human Dimensions of Change in Mountains (Sponsored by Mountain Geography Specialty Group)

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Keith Bosak
- CHAIR(S): Keith Bosak
- 10:00** Andrew Day*, University of Louisville, *Adopting Climate Change into Local Scale Water Resource Planning: A Case Study of the Animas River Basin, Colorado.*
- 10:20** Natalie K Ooi, BSOR/BBusCom (Hons)*, Monash University; Dr Jennifer Laing, Monash University, Department of Management and Australia International Tourism Research Unit; Dr Judith Mair, Monash University, Department of Management and Australia International Tourism Research Unit, *The impact of mountain resort tourism development on ranching culture and identity within the Rocky Mountain West: A case study of Steamboat Springs, Colorado.*
- 10:40** Laura Caplins*, University of Montana, Nature-Link Institute, *Development projects, human health, and the environment in the high Himalaya.*
- 11:00** Liqing Song*, Peiking University; Dihua LI, Peiking University, *Sustainability of Rural Tourism Development in the Shallow Mountain Area under Beijing's Fast Urbanization.*
- 11:20** Jon Gehrig*, The University of Texas at Austin, *The Culture of Consumption in the High Andes: Nature, Community, and Memory.*

1213. Debating Ideology II

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Michael Ekers, University of Toronto; Alex Loftus, Royal Holloway, University of London
- CHAIR(S): Alex Loftus, Royal Holloway, University of London
- 10:00** Punam Khosla*, York University, *Ideology and Materiality: A Decolonial Feminist Provocation.*
- 10:20** Victor Lorentz*, University of Toronto, *Ideology and Ecological Productivity.*
- 10:40** Mark Kear*, Simon Fraser University, *Making the Poor Legible After the Crisis: Building credit histories in the Mission, San Francisco.*
- 11:00** Michael Ekers*, University of Toronto, *In Defence of Ideology: Gramsci and Methods.*

1214. Environmental and socio-economic impacts of large-scale wind farms II (Sponsored by Energy and Environment Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

- ORGANIZER(S): Michael Slattery, Texas Christian University
- CHAIR(S): Michael Slattery, Texas Christian University
- 10:00** Ray W Drenner, PhD, Texas Christian University; Matthew M Chumchal, PhD*, Texas Christian University; Stephen P Wente, PhD, Lake Hart Research, *Landscape-level Patterns of Mercury Contamination of Fish in the South Central United States.*
- 10:20** Michael Slattery*, Texas Christian University, *The ecological impact of not building renewable energy: mercury contamination in watersheds in TX, LA, OK and AR and regional atmospheric transport pathways.*
- 10:40** Becky Johnson, PG, Professor of Professional Practice*, TCU; Michael C. Slattery, Dr., Institute for Environmental Studies and School of Geology, Energy, and the Environment, Texas Christian University, United States; Jeffrey A. Swofford; Martin (Mike) J. Pasqualetti, Ph.D., Professor, School of Geographical Sciences and Urban Planning Senior Sustainability Scientist, Global Institute of Sustainability, *The predominance of economic development in the support for large-scale wind farms in the U.S. Great Plains.*
- 11:00** Matthias Fripp*, Environmental Change Institute, Oxford University, *Greenhouse Gas Emissions from Reserves*

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Used to Backup Large-Scale Wind Power.

- 11:20** Delia R. Heck, Ph.D.*, Ferrum College, *Blowing in the Wind: A case study of wind energy in oil-producing regions of Scotland, Western Siberia and Texas.*

1215. Financialization, Property, and Rent

- Room:** *Madison Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Miles Kenney-Lazar, Clark University
 CHAIR(S): Miles Kenney-Lazar, Clark University
10:00 Laura Spess*, Penn State University, *Rent, Financialization and the Creation of the Public Market in Rentiership.*
10:20 Marshall Feldman*, University of Rhode Island, *The Cost of Rent Overaccumulation, Financialization, Land-Rent, and the Great Recession.*
10:40 Andrew Foltz-Morrison*, Rutgers University, *The Neoliberal Shangri-La: American Dream Meadowlands and Late-Capitalist Development.*
11:00 Shaun French*, University of Nottingham; Andrew Leyshon, University of Nottingham, *Currency wars, property markets and the supranational investor subject.*
11:20 Miles Kenney-Lazar*, Clark University, *Global land grabbing: The financialization of property and rent.*

1216. Opening the Black Box of 'Creative' Policies 2 - Rationalities, Logics, Practices (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

- Room:** *Morgan Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Bas van Heur, Maastricht University; Iris Dzudzek, Department of Human Geography, Goethe-University Frankfurt a. M.
 CHAIR(S): Peter Lindner, University of Frankfurt
10:00 Catherine Robin*, University of Zurich, *Creativity as Skinchanger: The flexibility of creativity within labor contexts.*
10:20 Peter Lindner*, University of Frankfurt; Iris Dzudzek*, Department of Human Geography, Goethe-University Frankfurt/Main, *Governing vacancy in the name of creativity? Conflicting urban policies at work.*
10:40 Sebastien Darchen*, University of Queensland, *Creative Policies or Creative Economy Policies? The case of the Multimedia Industry in Brisbane and Melbourne (Australia).*
11:00 Peter Dirksmeier*, Humboldt-Universität Berlin, *Creativity as a medium: Insights from Bremen.*
 Introducer: Bas van Heur

1217. Spatial Epidemiology II: Chronic Diseases (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)

- Room:** *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Eric Delmelle, UNC-Charlotte; John DeGroot, University of Northern Iowa
 CHAIR(S): Eric Delmelle, UNC-Charlotte
10:00 Thomas Koch*, Alton Medical Centre, *The ethics of the subjects we map: health and disease.*
10:20 Fahui Wang*, Louisiana State University; Diansheng Guo, University of South Carolina; Sara McLafferty, University of Illinois at Urbana-Champaign, *Constructing Geographic Areas for Cancer Data Analysis: A Case Study on Late-stage Breast Cancer Risk in Illinois.*
10:40 Warren Christopher Jochem*, University of Colorado at Boulder; Elisabeth Dowling Root, University of Colorado at Boulder, *The Role of Arsenic in the Geography of Lung Diseases in Rural Bangladesh.*
11:00 Mark Welford*, Georgia Southern University, *Mortality Clines, Epidemic Transmission Velocities and*

Transportation Networks during Medieval Black Death.

- 11:20** Alan M Delmerico*, Center for Health and Social Research; Jared Aldstadt, PhD, University at Buffalo; William F Wiczorek, PhD, Center for Health and Social Research, *State and County Differences in Diabetic Outcomes.*

1218. Art/Space/Politics: Producing collective histories

- Room:** *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Erin Siodmak, CUNY Graduate Center
 CHAIR(S): Erin Siodmak, CUNY Graduate Center
10:00 Erin Siodmak*, CUNY Graduate Center, *Waiting for... : Present absence in Paul Chan's Godot.*
10:20 Melanie Lorek*, Graduate Center, CUNY, *An unequal Marriage: An Analysis of Critique and Propaganda in East German Film.*
10:40 Abraham Walker*, CUNY Graduate Center, *Remembering Through Forgetting: Stan Douglas's Abbott and Cordova and the Social Functions of Art-as-Monument.*
 Discussant(s): Stephen Boatright, CUNY Graduate Center

1219. Squatting and Social Centers: Resistance and Production of Critical Spaces II (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

- Room:** *Nassau A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Pierpaolo Mudu, University of Rome; Miguel A. Martinez, University Complutense of Madrid
 CHAIR(S): Miguel A. Martinez, University Complutense of Madrid
10:00 Linus Owens*, Middlebury College, *At Home on the Road: Constructing an Oppositional Identity Through Activist Travel.*
10:20 Nathan Eisenstadt*, Bristol University, *Killing the Cop in Your Head: Anarchism & the Disciplinarity of Empowerment.*
10:40 Giovanni Piazza*, University of Catania; Valentina Genovese, university of Catania, *Between political opportunities and strategic choices: a case study of protest campaign against eviction of a Social Centre in Italy.*
11:00 Alessia Marini*, Univ. of Rome - La Sapienza, *Community gardens as a new resistance practice in Rome.*
 Discussant(s): Matthias Bernt, Institute for Regional development and Structural Planning

1220. Modeling Climate Change and Environmental Change

- Room:** *Nassau B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Lise K. Goss, WSDOT, Pennsylvania State University
10:00 Marina Timofeyeva-Livezey, Ph.D.*, NOAA/NWS, *A new statistical tool for NOAA local climate studies.*
10:20 Julie Winkler*, Michigan State University; Zubin Abraham, Michigan State University; Malgorzata Liszewska, University of Warsaw; Perdinan, Michigan State University; Pang-Ning Tan, Michigan State University; Shiyuan (Sharon) Zhong, Michigan State University, *Climate Scenario Development using Hybrid Downscaling: An Application to NARCCAP and ENSEMBLES simulations.*
10:40 Caroline Erickson, MS GIS, MA Geography*, EPA, *Comparison of two future sea-level change techniques.*
11:00 Bryce Kastelein*, *An Analysis of Sea Surface Temperature and Hurricane Activity in the North Atlantic.*
11:20 Elizabeth k Goss*, WSDOT, *Geospatial methods to assess vulnerabilities and affects of climate change on transportation infrastructure.*

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- 1221. Gateway GIS courses - GIS 101 (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group, Community College Affinity Group)**

Room: *Regent Parlor, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Kerry Lyste, Everett Community College
 CHAIR(S): Kerry Lyste, Everett Community College
 Panelists: Ann Johnson, GeoTech Center; Diana Casey, Muskegon Community College; Kurt Menke, Bird's Eye View; Mark Guizlo, Lakeland Community College; Reed Perkins; Ming-Hsiang Tsou, San Diego State University

- 1223. Infrastructure shocks and the politics of urban life-landscapes of violence, conflict and resistance**

Room: *Sutton Parlor Center, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Vanesa Castan Broto, University College London; Stephen Graham, Newcastle University
 CHAIR(S): Stephen Graham, Newcastle University
10:00 Hiba Bou Akar*, UC Berkeley, *Contested Terrains of Infrastructure: War, Sectarianism, and Informality in Beirut's Southern Peripheries*.
10:20 Benjamin J. Leclair-Paquet*, ETH-Zurich, Department of Architecture, Future Cities Laboratory; Camillo Boano, University College London, Development Planning Unit, *Outdoing Space: Differential Politics and Heterotopian Infrastructures*.
10:40 Ross E. Adams*, The London Consortium, *'Vialidad' and the Total State: Political Theology of the Generic City* Ross Adams.
11:00 Jordan Crandall*, UC San Diego, *Drone catastrophes*.
11:20 Omar Jabary Salamanca*, Gent University, *Pre-paid colonialism: the privatization of electricity in the Palestinian West Bank*.

- 1224. The Urban Common(s) II: Resources**

Room: *Sutton Parlor North, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Amanda Huron, Graduate Center, CUNY
 CHAIR(S): Christian Anderson, The City University of New York - Graduate Center
10:00 Andre Pusey*, University of Leeds; Stuart Hodgkinson, Dr, University of Leeds; Thomas Gillespie, University of Leeds, *From Urban Enclosures to Urban Commons: Social Centres as Urban Commoning*.
10:20 Miriam J Williams*, University of Newcastle, *Growing the urban commons through everyday acts of care and justice*.
10:40 Sebastian Zug*, Fribourg University, Switzerland, *The right to the neighbours' tap - Turning private water into common property*.
11:00 Jeff Rose*, University of Utah, *Living in Public Nature: Producing an Urban Commons*.

- 1225. Reconstructions in the Global South**

Room: *Sutton Parlor South, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Bart Klem, University of Zurich
10:00 Joseph Godlewski, Ph.D. Candidate*, UC Berkeley, *Compounds, Enclaves, and Zones of Autonomy: Historicizing Calabar, Nigeria's Zoning Strategies*.
10:20 Alex Sphar*, Student, Brazil: *A new developmental state? Challenges and possibilities*.
10:40 Young-Long Kim*, Seoul National University; Yil-soon Paek, Seoul National University, *Metamorphosis of Dependency: Academic Dependency of Scientific Research in Latin America*.
11:00 Michael Gonzales, PhD Candidate*, UC Berkeley, *Architecture, Spaces of Innovation: Rebranding*

Quezon City, Metropolitan Manila as Entrepreneurial City.

11:20 Bart Klem*, University of Zurich, *The political geography of post-war transition: The case of Trincomalee, Sri Lanka*.

- 1229. Space, Identity, and Performance**

Room: *Mercury Ballroom, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Larry Kleitch, Texas State University-San Marcos
10:00 Ilse Helbrecht*, Humboldt University Berlin; Peter Dirksmeier, *Mundane moments of intersectionality in the city of Berlin*.
10:20 Jesse A. Barber*, Brock University, *Augmented Social Space and Identity*.
10:40 Julie A Trafford*, The University of Auckland; Julie Anne Trafford, The University of Auckland, *Representational and Performative Geographies for Capability Building from a New Zealand Perspective*.
11:00 Larry Kleitch*, Texas State University-San Marcos, *The Geography of 'Psycho': Murder, Mechanisms, and Motifs*.

- 1231. Mega-Events - from Eventful Cities to Regional Development**

Room: *Petit Trianon, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Graeme Evans, London Met University; Bas van Heur, Maastricht University
 CHAIR(S): Lauren Andres, Centre for Urban And Regional Studies, University of Birmingham
10:00 Gang Zeng*, East China Normal University; Harald Bathelt, University of Toronto, *Knowledge Creation Dynamics at Chinese Trade Fairs: Case Studies from Chengdu and Shanghai*.
10:13 John Lauermaun*, Clark University, Doha, *developmental mega-events, and sustainability governance*.
10:26 Gernot Grabher*, HafenCity University Hamburg; Joachim Thiel, HafenCity University Hamburg, *Mega-Events as Long Term Projects - The Case of the London Olympics 2012*.
10:39 Larissa E Davies, PhD*, Sheffield Hallam University, *Regional Development and Regeneration, Mega-Events and Sport: A Case Study of North West England, UK*.
10:52 Graeme L Evans*, London Met University; Ozlem Edizel, PhD candidate, Cities Institute, *Event-led Regeneration - Legacy, Sustainable Development and the London 2012 Summer Olympic Games*.
 Discussant(s): John R. Gold, Oxford Brookes University

- 1232. Brokering bodies across borders II: Intermediaries and the state in the age of mobility (Sponsored by Political Geography Specialty Group, Population Specialty Group, Economic Geography Specialty Group)**

Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia; Alison Mountz, Syracuse University
 CHAIR(S): Philip Kelly, York University
 Introducer: Alison Mountz
10:20 Natasha Iskander*, New York University, *Creative State: Forty Years of Migration and Development Policy in Morocco and Mexico*.
10:40 Mark Lawrence Santiago, Ph.D. Candidate*, Department of Geography, University of British Columbia, *The Ethics of International Health Care Worker Recruitment On the Ground: An Ethnography of A Canadian Recruitment Organization*.
11:00 Margaret Walton-Roberts, Assoc prof*, Wilfrid Laurier University, *The intermediary state: Canada's management of the international student market in India*.
 Discussant(s): Robyn Rodriguez, University of California Davis

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- 1235. Advances and Challenges in Digital Elevation Models II (Sponsored by Coastal and Marine Specialty Group, Spatial Analysis and Modeling Specialty Group, Geomorphology Specialty Group)**
Room: East Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Barry W Eakins, University of Colorado; Jeffrey J. Danielson, United States Geological Survey
 CHAIR(S): John Brock, USGS
10:00 Desheng Liu*, The Ohio State University; Jung-Kuan Liu, The Ohio State University, *Ground-level DEM generation by merging SRTM DEM and ASTER GDEM in forested environments.*
10:20 Thomas Pingel, Ph.D.*, University of California, Santa Barbara; Keith C Clarke, Ph.D., University of California, Santa Barbara; William A. McBride, University of California, Santa Barbara, *DEMs for Immersive Geographic Virtual Environments: An Improved Simple Progressive Morphological Filter for Ground Segmentation of LIDAR Data.*
10:40 Wenwen Li*, University of California, Santa Barbara; Michael F. Goodchild, University of California, Santa Barbara, *Quantifying subpixel misregistration of multi-source DEM: An Optimization Approach.*
11:00 XiaoHang Liu*, San Francisco State University, *The "M" in Digital Elevation Models.*
 Discussant(s): John Brock, USGS
- 1236. Cultural Landscape of Wine (Sponsored by Wine Specialty Group)**
Room: Green Room, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Gregory Jones, Southern Oregon University
 CHAIR(S): John Tiefenbacher, Texas State University
10:00 John P Tiefenbacher*, Texas State University; Christi G Townsend, Texas State University, *Saving (and Selling) Place (and Time) in a Bottle: Using Place to Advertise Wines.*
10:20 Rachel Dodds, PHD*, Ryerson University; Soyoung Ko, Ryerson University, *Motivations for environmental sustainability in the New Zealand wine industry.*
10:40 Denyse Lemaire, Ph.D.*, Rowan University, *Bandel and Cassis Vineyards, the Jewels of the Provence Region.*
11:00 Britt Dale*, Dept. of Geography, NTNU, Trondheim, Norway; Andrew Millington, School of the Environment, Flinders University, Adelaide, Australia, *Conservation, the wine industry and urban expansion: the case of Adelaide, South Australia.*
11:20 Andrew Millington*, Flinders University, *Large Scale Foreign Land Acquisitions in Australia - The Australian Land Grab.*
- 1237. Geographies of the Life Course I: Ethics & New Methods (Sponsored by Qualitative Research Specialty Group)**
Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Nancy Worth, University of Leeds; Susan Lucas, Temple University
 CHAIR(S): Susan Lucas, Temple University
10:00 Bree Akesson*, McGill University School of Social Work, *Using mapmaking to study the personal geographies of young children affected by political violence.*
10:20 Rhonda Donovan*, McMaster University, *Qualitative Research with Palliative Family Caregivers: Challenges and Rewards.*
10:40 Kaisa M J Schmidt-Thome*, Aalto University, *Questions seldom asked/placed - The third, contextual mode of understanding the field of action possibilities.*
11:00 Ann Novogradec, BAS, MES, Ph.D. Candidate (ABD)*, York University, *The Benefits and Drawbacks of the Lifegrid.*
 Discussant(s): Fiona M. Smith

- 1239. Potable Water Security in Africa**
Room: Holland Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Christiana Egbinola, University of Ibadan
10:00 Klaas Schwartz*, UNESCO-IHE, *Formalization of Small-scale Water Providers in Peri-Urban Maputo, Mozambique.*
10:20 Sarah Smiley*, Kent State University at Salem, *Access to Water and Sanitation in Dar es Salaam, Tanzania.*
10:40 Alexander R Todd, BAH*, York University, *Responding to Water Insecurity in Durban, South Africa.*
11:00 William Y. Osei, Dr.*, Algoma University University; William Y Osei, Dr., Algoma University, *Access to adequate and safe water: options for sub-Saharan Africa.*
11:20 Christiana Ndidi Egbinola*, University of Ibadan, *Availability and Disparities in Potable Water Supply for Domestic Use in Nigeria.*
- 1241. Sustainable Transport: Current Research on Non-Automotive Options (Sponsored by Transportation Geography Specialty Group)**
Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Selima Sultana, University of North Carolina-Greensboro; David Kaplan, Kent State University
 CHAIR(S): Selima Sultana, University of North Carolina-Greensboro
10:00 Megan Petroski*, Kent State University; Gina Butrico*, Kent State University; David Kaplan*, Kent State University, *Developing a Bike Sharing Program in a University Town: What Could Work.*
10:20 Ralph Buehler*, Virginia Tech, *Determinants of Bicycle Use in the Washington, DC Metropolitan Area.*
10:40 Calvin Tribby*, University of Utah; Harvey Miller, University of Utah, *Objective measures of walkability: Scaling up block-level measures to routes and activity spaces.*
11:00 Clare Wasteneys*, Queen's University, *Transcending Auto-Dependence and Creating a Cycling Habitus: Engaging the head, heart and hands of teenagers to overcome barriers to adopting cycling for transportation.*
11:20 Abu Toasin Md Oakil*, Utrecht University; Dick Ettema, Utrecht University; Theo Arentze, Eindhoven University of Technology; Harry Timmermans, Eindhoven University of Technology, *The Dependence of the Bicycle Commuting Decision on Mobility Decisions and Life Cycle Events.*
- 1244. The University and the City 2 (Sponsored by Applied Geography Specialty Group, Urban Geography Specialty Group)**
Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Andrew Karvonen, University of Manchester; Bas van Heur, Maastricht University
 CHAIR(S): James Evans, University of Manchester
10:00 Caroline Newton*, Sint-Lucas School of Architecture, Partner in the K.U. Leuven Association; Quinten Foccaert; Gil Jonckers, *UniverCity: Spatial interventions for democratizing urban space.*
10:20 Jennifer Karlin, MA*, University of Chicago, *Re-Specializing "The Clinic": Constructing Communities and Transforming Chicago's Southsiders into Healthy Subjects.*
10:40 Nathaniel Laywine*, McGill University; Melissa Tanti, McMaster University, *Creating a 'Contact Zone': Negotiating the Boundaries of an Urban Classroom.*
11:00 Eliot Tretter*, University of Texas - Austin, *Interstate Competition and The University of Texas at Austin: The Geographies of the High-Technology Sector and the Birth of the Entrepreneurial University.*

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11:20 David Hassenzahl*, Chatham University; Michael Finewood, Chatham University; Jessica Mooney, Chatham University; Alice Julier, Chatham University, *Transcending Urban/Suburban/Rural through a University-Based Sustainability Mission.*

1245. Aging, Social Integration and Transportation: Current Research and New Perspectives (Sponsored by Transportation Geography Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Hejun Kang, University of Idaho

CHAIR(S): Hejun Kang, University of Idaho

10:00 Hejun Kang*, University of Idaho, *How time is spent in social contact: will that matter in seniors' quality of life?*

10:20 Natalia Zenk*, RWTH Aachen University, *Places to grow old - residential mobility of the future elderly in Germany.*

10:40 Katie Bills*, University of Victoria, *Just a Walk in the Park, or is it? A Case Study Analysis of a Seniors Community Park in Oak Bay, British Columbia.*

11:00 Robert R. Klein, PhD Candidate*, The Ohio State University, *Revealing uneven geographies of 'successful aging' in the US: a multilevel analysis.*

11:20 Christian PIHET*, Pierre-Marie Chapon*, *Looking for the improvement of aging conditions in France: are integrated "life territories" the answer?*

1246. Working at the intersection of Geography and Atmospheric Science: Early career scholars

Room: Conference Room D, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Kimberly Klockow, University of Oklahoma

CHAIR(S): Kimberly Klockow, University of Oklahoma

Introducer: Antonia Rosati

Panelists: Kimberly Klockow, University of Oklahoma; Randy Peppler, University of Oklahoma; Kenneth Blumenfeld, ORC International; Eric Holthaus, University of Arizona; Chandana Mitra, Auburn University; Jennifer Collins, University of South Florida; Louis Uccellini, NOAA

1247. Free and Open Source (FOSS) Geospatial Technologies and Applications (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Shriram Ilavajhala, University of Maryland

CHAIR(S): Shriram Ilavajhala, University of Maryland

10:00 Phil Nugent*, Oak Ridge National Laboratory, *Building a Web Application for Future Energy Infrastructure Planning through the Synthesis of Open Source Technologies.*

10:20 Benjamin W. Koziol*, Michigan Tech Research Institute; Mary Ellen Miller, Michigan Tech Research Institute; Nancy H. F. French, Michigan Tech Research Institute, *Block Kriging Using R and PostGIS: An Overview of Open Source Tools for Scalable Geocomputation and Analysis.*

10:40 Jake Gilly*, Penn State University MGIS Candidate; Frank Hardisty, Penn State University MGIS Adviser, *Assisting The Community of Yei, Republic of South Sudan With GIS.*

11:00 Lawrence Wadsworth*, The Sanborn Map Company, *Open-source Web-based Change Modeling Toolset with NoSQL Data Stores.*

1248. Cloud Computing for Geographers (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Qunying Huang, George Mason University

CHAIR(S): Qunying Huang, George Mason University

10:00 Xuan Shi*, Georgia Tech, *Spatial computing in the cloud: experiments over Microsoft Azure platform.*

10:20 Nicole Stotz*, San Diego State University, *Adopting User-Center Design (UCD) Methods for Cloud-based GIS Mapping Services: A Usability Study of Google Fusion Table Mashups.*

10:40 Qunying Huang*, George Mason University; Chaowei Yang, GMU; Karl Benedict, Univ. of New Mexico, *Utilizing Spatial Cloud Computing to Support Dust Storm Simulation.*

11:00 Rama Mohapatra*, Minnesota State University, Mankato; Dr. Donald A. Friend, Minnesota State University, Mankato; Bryan H. Hoffman, Minnesota State University, Mankato, *ArcGIS Desktop Virtualization: Anywhere Anytime GIS at Minnesota State University, Mankato.*

1250. Nuanced Human Landscapes of the American South: People, Space and Change (Sponsored by Study of the American South Specialty Group, Indigenous Peoples Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Aretina Hamilton, University of Kentucky;

G. Rebecca Dobbs, University of North Carolina at Chapel Hill

CHAIR(S): G. Rebecca Dobbs, University of North Carolina at Chapel Hill

10:00 Ralph R Stanton, M.A., B.A., Disaster Scholar (independent), Graduate Student NCSU; Ralph R Stanton, M.A., B.A. *, Graduate Student NCSU, *Deconstructing superheroes and migration in Durham, NC.*

10:20 Malinda Maynor Lowery, PhD*, UNC-Chapel Hill, *Rethinking Racial Segregation in the New South: Beyond a Black-White Binary.*

10:40 Cheryl Nye*, Georgia State University, *Civility and Transformation in a City of Refuge.*

11:00 Matt Mcnair*, University of Oklahoma, *A street of one's own or a city divided? Little Rock's urban geography.*

Introducer: Aretina Hamilton

Discussant(s): Karen Johnson-Webb, Bowling Green State University

1251. Black Social Movements in the United States: Current Research and Perspectives (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Paul Karolczyk, Louisiana State University; Doris Garcia

CHAIR(S): Laura Y. Liu, The New School

10:00 Paul Karolczyk*, Louisiana State University, *The New Afrikan Independence Movement and the Internationalization of Revolutionary Black Nationalism.*

10:20 Doris Garcia*, Louisiana State University, *The Formation and Transnational Politics of Garinagu Organizations in New York City.*

10:40 Rashad Shabazz*, The University of Vermont, *Black Radicalism and the Erotic: Remapping the Boundaries of Blackness in James Baldwin's Another Country.*

11:00 Bobby Wilson*, University of Alabama, *Scale Politics of the Civil Rights Movement.*

Discussant(s): James Tyner, Kent State University

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- 1253. Critical Geographies of Young People - Globalization, Space and Time II: Mobilities and Time-space (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Conference Room K, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Tracey Skelton, National University of Singapore; Cheng Yi'en, National University of Singapore
CHAIR(S): Jared Wong, National University of Singapore
10:00 Cheng Yi'en*, National University of Singapore, *Student Migrants in Singapore: Reading Transnational Intimacies through Time and Space*.
10:20 Sarah Starkweather*, University of Liverpool, *Spatiotemporal Outcomes of a Transnational Sojourn: Perspectives of Young Chinese and American Citizens in Singapore*.
10:40 Katherine Botterill*, Newcastle University, *The Transitive Spaces of Youth Mobility: Experiences of post-accession Polish migrants in the European Union*.
11:00 May Farrales, PhD Student*, Geography, University of British Columbia, *Deferral and Delay in the Transnational Educational Trajectories of Filipino-Canadian Students*.

- 1254. Critical Approaches to South Asian Geographies (Sponsored by Asian Geography Specialty Group)**
Room: Conference Room L, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Sya B Kedzior, Humboldt State University
CHAIR(S): Sya B Kedzior, Humboldt State University
10:00 Supriya Francis, The Energy and Resources Institute (TERI), India; Vandana Wadhwa, PhD*, Boston University, *Changing climate, changing livelihoods: Examining the stance of decision-makers in India*.
10:20 Sya Burynd Kedzior, PhD*, Montana State University, *Sustainability and the Limits of Public Participation: Producing Environmental Awareness as a Prerequisite to Participation in Indian Water Quality Management*.
10:40 Shahadat Hossain*, School of Spatial Planning, TU Dortmund, *Contestation and negotiation in water supply in Dhaka: the logic of social control and regulation*.
11:00 Martin Franz*, Philipps-University Marburg, *Developing collective power in a global production network: UNICOME and Metro Cash & Carry in India*.

- 1256. Weathering Geomorphology, Regolith and Soil Dynamics (Sponsored by Paleoenvironmental Change Specialty Group, Cryosphere Specialty Group, Geomorphology Specialty Group)**
Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)
ORGANIZER(S): Gregory Pope, Montclair State University
CHAIR(S): Gregory Pope, Montclair State University
Introducer: Gregory Pope
10:05 David Goldblum*, Northern Illinois University; Lesley S Rigg, Northern Illinois University, *Three Years of Simulated Climate Change Impacts on Deciduous Forest Soil Respiration*.
10:12 Martin Lafrenz*, Portland State University, *"Underflooding" of Upland Soils Following Dam Removal*.
10:19 Emma Jayne Harrison*, Arizona State University, *Assessment of a new global carbon reservoir: a pilot study of carbonate found in bedrock fissures in a desert mountain range, Sonoran desert, Arizona*.
10:26 Mark A. Fonstad*, University of Oregon, *Scale, and the Fusion of Observation and Theory in Weathering Geomorphology*.
10:33 Gregory A. Pope, Ph.D.*, Montclair State University, *Mega-Geomorphology and Reconciliation of Regional*

Weathering Assumptions.

- 10:40** Jennifer R. Callanan*, William Paterson University; John Dorval, William Paterson University; Xana Lucas, William Paterson University, *The Search for a Cause of Soil Chlorite Weathering Under Post-Fire Conditions*.
10:47 Steve Gordon*, United States Air Force Academy; Ronald I. Dorn, Arizona State University; David Krinsley, University of Oregon; Kurt Langworthy, University of Oregon, *Weathering at the Nanoscale: Spatial Analysis of Geochemistry and the Transition of Dust to Rock Coating*.
10:54 Janet Mcfaul*, Arizona State University; Nancy J Selover, PhD, Arizona State University; Niccole V Cervený, PhD, Mesa Community College, *A Solar Dagger in Kokopelli's Heart: Insolation Impacts on Petroglyphs at the Petrified Forest National Park, AZ*.
11:01 Niccole V Cervený, PhD*, Mesa Community College; Ronald I Dorn, PhD, Arizona State University; Jacob Dorn, Arizona State University; Emma Harrison, Arizona State University; Elyssa Gutbrod, Arizona State University; Steve Gibson, Arizona State University; Phillip Larson, Arizona State University; Nicholas Lopat, Mesa Community College, *Case Hardening: Convergence of Form from a Divergence of Hardening Processes*.
11:08 Christine Sookhdeo*, Rider University; Daniel Druckenbrod, Rider University, *Analysis of properties of Post Agricultural Soils Lawrenceville, NJ*.

- 1257. Risky endeavors: Emerging approaches to the creation of risk and responses to the uncertain 2 (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group)**

- Room:** Central Park West, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Patrick Bigger, University of Kentucky
CHAIR(S): Patrick Bigger, University of Kentucky
10:00 Stephanie Simon*, University of Amsterdam; Marieke de Goede, University of Amsterdam, *Risky Technologies and Speculative Futures: Assembling internet governance in the EU*.
10:20 Christopher Oliver*, University of Kentucky, *Market-based incentives, financial instruments and environmental goods and services: Towards a new geography (and sociology) of risk and regulation*.
10:40 Jonathan Everts*, University of Bayreuth, *Geographies of Anxiety and Risk*.
11:00 Elizabeth Reddy*, University of California at Irvine, *Centralized risk : the political geography of seismic risk in Mexico*.
Discussant(s): Claire Loussouarn, Goldsmiths, University of London

- 1259. Spatial Analysis: The Tornado in the USA**
Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Melissa J. Rura; Philip Chaney, Auburn University
CHAIR(S): Philip Chaney, Auburn University
10:00 Ted C Eckmann, PhD*, Bowling Green State University, *Analyzing Damage From the Tornado Outbreak of April 27, 2011 Through On-The-Ground Surveys and Remote Sensing*.
10:20 Bimal Kanti Paul*, Kansas State University, *Explaining Record Fatalities: The Case of 2011 Joplin, MO Tornado*.
10:40 Luoheng Han*, Univ of Alabama, *Assessing the Impact of the April 27 tornado in Tuscaloosa, Alabama Using Landsat TM Data*.
11:00 Luigi Romolo*, Department of Geography & Anthropology; Robert V Rohli, Department of Geography & Anthropology, Louisiana State

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University, *Synoptic Controls on Tornado Activity in the Southeastern United States*.

- 11:20** Philip Chaney*, Auburn University; Greg Weaver, Auburn University; Susan Youngblood, Auburn University; Kristin Pitts, Auburn University, *Tornado Preparedness and the 27 April 2011 Disaster in Alabama*.

1260. Vegetation Dynamics II (Sponsored by Biogeography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Adam Naito, Texas A&M University; William Flatley, Texas A&M University

CHAIR(S): William Flatley, Texas A&M University

- 10:00** Parveen Kumar Chhetri*, Graduate School of Environmental Science, Hokkaido University, *Treeline Dynamics in Makalu Barun National Park, Eastern Nepal Himalaya*.

- 10:20** Jeremy S Johnson*, Texas A&M University; David M Cairns, Texas A&M University, *Marsh Vegetation Assemblages of the East Bay of Galveston Bay: A Hierarchical Classification*.

- 10:40** Irene Zager*, Rutgers University; Laura C. Schneider, Rutgers University; John Rogan, Clark University, *Forest Fragmentation And Increased Vulnerability To Hurricane Impacts In The Sian Ka'an-Calakmul Biological Corridor In The Yucatán Peninsula, Mexico*.

- 11:00** Julie P. Tuttle*, University of North Carolina at Chapel Hill; Peter S. White, University of North Carolina at Chapel Hill, *Modeling changes in tree species distributions in Great Smoky Mountains National Park, 1930s-2000s*.

- 11:20** William T. Flatley*, Texas A&M University; Charles W. Lafon, PhD, Texas A&M University; Henri D. Grissino-Mayer, PhD, University of Tennessee; Lisa B. Laforest, University of Tennessee, *Forest Succession Following Fire Suppression Along a Mesic to Xeric Topographic Moisture Gradient in Great Smoky Mountains National Park, TN*.

1261. Emotional and affective methodologies: feeling, thinking and knowing (Session 2) (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Shauna Mackinnon; Liz Bondi, University of Edinburgh

CHAIR(S): Shauna Mackinnon

- 10:00** Kathryn Pratt*, Macalester College, *"Just Press Record": Digital Storytelling as Affective Methodology*.

- 10:20** Dylann M. McLean*, York University, *(Auto)ethnography of Clown Characters and Performers: Placing the Self and the Clown in 'Affective' Methodology*.

- 10:40** Mathias Detamore*, mathiasd@yahoo.com, *Researching queers, queering research: How I became my own research object*.

- 11:00** Emily Pabst*, University of Kansas, *Building and Breaching Boundaries in Emotional Geographies*.

Discussant(s): Liz Bondi, University of Edinburgh

1262. Interrogating Race Inside and Outside the Academy II (Sponsored by AAG ALIGNED Diversity Project)

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Priscilla McCutcheon, University of Connecticut; Ellen Kohl, University of Georgia

CHAIR(S): Ellen Kohl, University of Georgia

- 10:00** Leslie Kern*, Mount Allison University, *Teaching 'race' in and out of place: Critical reflections on race/racism in an undergraduate classroom*.

- 10:20** Jacqueline K Nelson*, University of Western Sydney, *The Need to 'Speak' Racism: Using the Language of Racism and Anti-Racism*.

- 10:40** Andrea J Choi*, Queen's University, *Is it still chilly up there in Canada? Race and Racism in Canadian Geography*.

- 11:00** Rene Francisco Poitevin, Assistant Professor*, New York University, *The Right to the Latino City*.

- 11:20** Anne Bonds*, University of Wisconsin, Milwaukee, *Racing Economic Geography: The Place of Race in Economic Geography*.

1263. Implementing "actually comparative urban studies"

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Justin Kadi; Catalina Ortiz, University of Illinois at Chicago - National University of Colombia

CHAIR(S): Catalina Ortiz, University of Illinois at Chicago - National University of Colombia

- 10:00** Erika D Grajeda*, University of Texas at Austin, *of Slumification and Urban Poverty: Adapting Categories in Comparative Analysis*.

- 10:20** Justin Kadi*, University of Amsterdam, Department of Geography, Planning and International Development Studies, *Putting Urban Housing Market Neoliberalization into Comparative Perspective*.

- 10:40** Martin Lamotte*, EHESS-CEAF, *A comparative approach: articulation situation and circulation. An Anthropology of security program*.

- 11:00** Catalina Ortiz*, University of Illinois at Chicago - National University of Colombia, *Exploring politics of space in large-scale projects in Colombia: a comparative approach*.

Discussant(s): Alex Schafran

1264. Even in Sweden - Gated communities and the privatization of public space

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Irene Molina, Institute for Housing and Urban Research, Uppsala University; Karin Grundstrom, Urban Studies, Malmö University

CHAIR(S): Kenny Jansson, The Institute for Housing and Urban Research, Uppsala University, Sweden

- 10:00** Ann Rodenstedt*, The Institute for Housing and Urban Research, *Rise of the gated enclaves in the Nordic welfare state?*.

- 10:15** Sara Westin, PhD*, Uppsala University; Irene Molina, Associate Professor, Uppsala University, *Renoviction - even in Sweden? Four case studies on the regeneration of public housing estates*.

- 10:30** Irene Molina*, Institute for Housing and Urban Research, Uppsala University; Karin Grundström, Urban Studies, University of Malmö; Kenny Jansson, IBF/Uppsala University, *Free choice, curling and neoliberal urban separatism*.

- 10:45** Michael Landzelius*, University of Gothenburg | Chalmers, *Commercial Real Estate Ownership Concentration and Urban Governance Shifts*.

- 11:00** Burcu Yigit-Turan*, Ball State University, *Reclaiming Public Space in Istanbul: design with the resistance versus supergraphic landscapes*.

Discussant(s): Brett Christophers, Department of Social and Economic Geography, Uppsala University

FRIDAY, FEBRUARY 24 • 10:00 AM - 11:40 AM • 1200**1265. Analysis of Multi-temporal Remotely Sensed Data: Methods and Applications (II) (Sponsored by Remote Sensing Specialty Group, Spatial Analysis and Modeling Specialty Group)****Room:** *Liberty 3, Sheraton, Third Floor* (Paper Session)ORGANIZER(S): Desheng Liu, The Ohio State University;
George Xian, ARTS

CHAIR(S): George Xian, ARTS

10:00 Amy Burnicki*, University of Wisconsin-Madison; Dan Brown, University of Michigan, *Temporal stationarity in land change modeling: An investigation of urban growth in southeast Michigan.***10:20** Aline G. Uwonkunda*, College of Business and Public Administration, Dept. of Urban and Regional Planning, Eastern Washington University, GIS/Geography, South Dakota State University; Gabriel B. Senay, US Geologic Survey (USGS) Earth Resource Observation and Science (EROS), Geographic Information Science Center of Excellence (GIScCE), South Dakota State University; Ashbindu Singh, United Nations Environmental Programme GRID (UNEP); Bhanuprakash Nagaraju, University of Texas, *Vegetation Cover Change Detection in the Nile River Basin by Using MODIS NDVI.***10:40** Xiao-Peng Song*, Global Land Cover Facility, Department of Geography, University of Maryland, College Park, MD 20742, USA; Joseph O. Sexton, Global Land Cover Facility, Department of Geography, University of Maryland, College Park, MD 20742, USA; Chengquan Huang, Global Land Cover Facility, Department of Geography, University of Maryland, College Park, MD 20742, USA; Saurabh Channan, Global Land Cover Facility, Department of Geography, University of Maryland, College Park, MD 20742, USA; John R. Townshend, Global Land Cover Facility, Department of Geography, University of Maryland, College Park, MD 20742, USA, *Urbanization of the Washington DC - Baltimore metropolitan area between 1984 and 2010 from dense time series of satellite imagery.***11:00** Jeff Wielki, BSc, GISP*, University of Calgary; Tera Environmental Consultants, *Disturbance and Relative Change Detection.***11:20** George Xian*, ARTS; Collin Homer, USGS EROS, *Urbanization Trends (2001-2006) in the conterminous United States.***1266. Abject Life Forms and 'Living On'****Room:** *Liberty 4, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Shiloh Krupar, Georgetown University

CHAIR(S): Shiloh Krupar, Georgetown University

10:00 Shiloh Krupar*, Georgetown University, *Legacy as 'Living On': Nuclear Waste Legacy Management, Abjection, and Artful Endurance.***10:20** Nadine Ehlers, Ph.D*, Georgetown University, *The Red Devil: Cancer Therapy, Life, and 'Living On'.***10:40** Leslie R. Hinkson, Ph.D.*, Georgetown University, *"Abjectifying" Black Bodies: Race and the Medical Encounter.***11:00** Adam M Hantel*, Rutgers University, *Theoretical Targeting.*

Discussant(s): Jenna M. Loyd, Syracuse University

1270. Celebrity, Media and Vital Causes (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Communication Geography Specialty Group)**Room:** *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Daniel Brockington; Maxwell Boykoff, University of Colorado

CHAIR(S): Michael Goodman, King's College London

10:00 Maxwell Boykoff*, University of Colorado, CIRES CSTPR, *Celebrity Climate Contrarians: Copernicuses or courtesans?.***10:16** Daniel Brockington*, univ manchester, *'Getting It'. Working with celebrity involvement in good causes overseas..***10:32** Mary Conran*, University of Hawai'i at Manoa, *"Getting in Touch with Your Inner Angelina": The Cultural Politics of Gendered Generosity in Volunteer Tourism.***10:48** Raymond L. Bryant*, King's College London, *Celebrities, landscapes, depopulation: political ecologies of light and dark on the French Riviera.***11:04** Patricia Daley, Dr*, University of Oxford, *Rescuing African Bodies: Celebrities as Humanitarians?.*

Discussant(s): James Igoe, University of Colorado

1271. Geographies of Waste (2) Global flows (Sponsored by Cultural Geography Specialty Group, Energy and Environment Specialty Group)**Room:** *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Alan Metcalfe, University of Portsmouth

CHAIR(S): Alan Metcalfe, University of Portsmouth

10:00 Jamie Furniss*, University of Oxford, *The Drop in Waste Prices in Cairo during the 2008 Economic Crisis.***10:20** Elizabeth Sibilia, M.F.A., M.A., PhD Student*, CUNY, *"Histories collide on the beaches of Chittagong, Bangladesh: A geographically scaled analysis of shipbreaking."***10:40** Max Liboiron*, New York University, *Planetary versus global scales: the case of plastic pollution.***11:00** Josh Lepawsky*, Memorial University of Newfoundland; Charles Mather, Memorial University of Newfoundland, *Disarticulating electronic waste? Global value chains otherwise.***11:20** Ujjaini Das*, University of Georgia, *Role of India's developmental state in the management of electronic waste.***1272. Fragmented workplaces, worker mobility and union strategies: experiences from the hospitality sector and beyond (II) (Sponsored by Economic Geography Specialty Group)****Room:** *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): David C Jordhus-Lier; Suzanne Mills, McMaster University

CHAIR(S): David C Jordhus-Lier

10:00 Siobhán McPhee*, University College Dublin, *Low-skilled services work in the Greater Dublin Area and its impact on migrants' access to the city.***10:20** Tod Rutherford*, Syracuse University, *Unions and law in worker organizing: The case of The British Columbia Health Employees' Union (HEU).***10:40** Suzanne Mills*, McMaster University, *Northern mobilities, union strategy and the importance of place.***11:00** Bryony Enright, Miss*, University of Birmingham, *The agency of agencies: a local perspective on temporary staffing agencies in the UK.***11:20** Luis LM Aguiar, PhD*, University of British Columbia Okanagan, *Jumping Scale, Crossing Space: The JfJ and Organizing Cleaners for Global Strength.*

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- 1273. Geographies of Gender and Health (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: *Madison Suite 3, Sheraton, Fifth Floor (Paper Session)*
 ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia
 CHAIR(S): Sabin Bieri, University of Bern
10:00 Yan Lin*, Texas Center for Geographic Information Science, Department of Geography, Texas State University-San Marcos; F. Benjamin Zhan, Texas Center for Geographic Information Science, Department of Geography, Texas State University-San Marcos, *Geographic Disparities in Cervical Cancer Mortality in the United States*.
10:20 Libbey Kutch, M.S.*, Michigan State University; Sue Grady, Ph.D., Michigan State University, *The Spatial Distribution of Maternal Obesity and Adverse Birth Outcomes in Michigan, 2008*.
10:40 Sarah Layton, Undergraduate Student of Human Geography*, The Pennsylvania State University, *Conflicting Understandings of Mother to Child Transmission of HIV/AIDS among Namibian Women and Local Healthcare Providers*.
11:00 Sabin Bieri*, University of Bern; Elizabeth Tilley, Federal Institute of Aquatic Research, *Talking about Sh****.
- 1274. New Directions in Human Geographical Theory 2**
Room: *Madison Suite 4, Sheraton, Fifth Floor (Paper Session)*
 ORGANIZER(S): Lucas Melgaço, Queens University; Nicolas Bautès, Université de Caen Basse-Normandie
 CHAIR(S): Nicolas Bautès, Université de Caen Basse-Normandie
10:00 Mason McWatters*, The University of Texas at Austin, *Worlding an Ethics of Descriptive Outreach*.
10:20 Dragos Simandan, PhD*, Brock University, *Inference to the best explanation in geography*.
10:40 Yann Calberac*, Université Paris-Sorbonne, *Reconceptualising Field and Fieldwork thanks to the actor-network theory*.
11:00 Shangrila Joshi (Wynn)*, Denison University, *Critical geopolitics, postcolonialism and climate politics*.
11:20 Nicolas Bautès*, Université de Caen Basse-Normandie, *Distant/Close places? On a few postures of a geographer engaged in foreign fieldwork*.
- 1275. Human-Plant Geographies II: Practicing Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)**
Room: *Madison Suite 5, Sheraton, Fifth Floor (Paper Session)*
 ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University
 CHAIR(S): Jennifer M Atchison, University of Wollongong
10:00 Melissa R Poe, PhD*, Institute for Culture and Ecology; J. LeCompte-Mastenbrook, University of Washington; L. Urgenson, University of Washington; R. McLain, Institute for Culture and Ecology; P.T. Hurley, Ursinus College; S. Charnley, USDA Forest Service; M. Emery, USDA Forest Service, *Urban Foraging and Ecologies of Belonging*.
10:20 Huw J Barton, Dr*, University of Leicester; Timothy Denham, DR, Monash Research Fellow, School of Geography and Environmental Science, *Sundaland and Sahul: Continents of Plant Managers*.
10:40 Olly Zanetti*, Open University, *Seed banking and its temporalities*.
11:00 Betsy Beymer-Farris, PhD*, Furman University, *Rethinking Resilience through a Political Ecology Lens: Producing Biodiversity in Tanzania's Mangrove Forests*.
 Discussant(s): Maan Barua, University of Oxford
- 1276. Developing Tourism by Indigenous People in Indigenous Areas and Challenges 2 (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)**
Room: *Madison Suite 6, Sheraton, Fifth Floor (Paper Session)*
 ORGANIZER(S): Anne-Marie D'Hautesserre, University of Waikato
 CHAIR(S): Anne-Marie D'Hautesserre, University of Waikato
10:00 Yang Yang*, London School of Economics and Political Science, *The Disappearing Mecca in the City of Xi'an: a Case Study on Tourism and Its Impacts on Landscapes and Identity Representation in the Xi'an Hui Muslim Community in China*.
10:20 Steven L Driever, Ph.D.*, University of Missouri, *Harry Franck's Travel Writing on Mexico, 1916-1940*.
10:40 Pia Anderson, Ph.D.*, American University of Sharjah, *The Development of a Buddhist Pilgrimage Site*.
11:00 Ruth Akyeamah Obeng*, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, *Tourist behaviour and the development of tourist resources at lake Bosomtwe in the Ashanti Region of Ghana*.
 Introducer: Anne-Marie D'Hautesserre
- 1277. Managing Ethical Consumption in Tourism: Compromise and Tension**
Room: *Park Suite 1, Sheraton, Fifth Floor (Interactive Short Paper Session)*
 ORGANIZER(S): Karla A Boluk, Dalarna University
 CHAIR(S): Karla A Boluk, Dalarna University; Clare Weedon, University of Brighton
10:00 Kellee Caton, Ph.D.*, Thompson Rivers University, *Why Is It So Hard to "Be Good" in Tourism?*.
10:05 Michael Clancy*, University of Hartford, *"Slow Tourism: Ethical Concerns, Positional Goods and Aesthetic Consumption"*.
10:10 Sarah Quinlan Cutler*, Geography and Environmental Studies, Wilfrid Laurier University, Canada, *Examining Ethical Information in Travel Guidebooks*.
10:15 Wouter Geerts*, Royal Holloway, University of London, *Is there such a thing as Ethical Business Travel? An insight in the uptake of hotels' sustainability practices by business travellers*.
10:20 Andrew Holden*, Bedfordshire, *The Relationship of Tourism and the Environment: [The influence of Market Ethics]*.
10:25 Caroline Scarles*, University of Surrey, *The Ethics of Tourist Photography*.
10:30 Maria Koleth, PhD Candidate*, University of Sydney, *Travelling Goods: Global (Self)Development on Sale*.
10:35 Carol Kline, PhD*, Center for Sustainable Tourism, East Carolina University; Jerusha Greenwood, PhD, Recreation, Parks, and Tourism Administration, California Polytechnic State University, *Exploring Travelers' Purchasing and Consumption Patterns of Sustainably Raised Animal Products*.
10:40 Sheena Carlisle*, University of Wales Institute Cardiff, *Fair Trade Tourism in Wales, UK*.
10:45 Sheila Malone*, Nottingham Business School, *An Ethical Sense of Self: The Role of Emotion*.
10:50 Polladach Theerapapissit*, UWS (University of Western Sydney), *Developing Alternative Tourism Ethics: Converging Compromises and Tensions*.

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- 1278. Housing, Land and Urban Transformation in China II (Sponsored by China Specialty Group, Population Specialty Group, Urban Geography Specialty Group)**
Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Youqin Huang, SUNY - Albany; Wei Xu, University of Lethbridge
CHAIR(S): Youqin Huang, SUNY - Albany
10:00 Yuling Song*, National Changhua University of Education, *The imagination of class and housing choices of the new rich in.*
10:20 Xin Dong*, Hong Kong Baptist University, *Housing filtering in Chinese cities since the 1998 housing reform: a case study of Guangzhou.*
10:40 Werner Breitung*, Sun Yatsen University; Yihong Jiang, City University of Hong Kong, *Segregation and social connectivity between housing types in Guangzhou, China.*
11:00 Brenda Madrazo*, Utrecht University, *Diversification of Community Attachment in Urban China: evidence from four distinctive types of neighbourhoods.*
11:20 Tana*, Peking University; Yanwei Chai, Peking University, *Urbanism in the Hybridization Process of Danwei Neighborhood.*
- 1279. Genetically Engineered Geographies in the Global South (2 of 2) (Sponsored by Cultural and Political Ecology Specialty Group, Africa Specialty Group, Development Geographies Specialty Group)**
Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Brian Dowd-Urbe, Columbia University; Matthew Schnurr
CHAIR(S): Matthew Schnurr
10:00 Brian Dowd-Urbe, PhD*, Columbia University, *Exploring the social and agro-ecological dimensions of Bt cotton adoption in Burkina Faso.*
10:20 Maxine Ewankow, PhD Candidate, Environmental Studies*, Antioch University New England, *The Promises and Promotions of the Green and "Gene" Revolutions: An Historical and Transdisciplinary Approach to Understanding the Ecological Impacts of Increasing Agricultural Yields.*
10:40 Dominic Glover*, Technology and Agrarian Development Group, Wageningen University, *Yield gaps, yield ceilings, consumer rights and producer freedoms: Genetic engineering and the search for foolproof technologies to feed the world.*
11:00 Patricia Zambrano*, IFPRI, *Transgenic Varieties and Gender: the Case of GE Cotton in Colombia and Burkina Faso.*
- 1280. Gentrification outside the anglo-saxon core**
Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Andrej Holm, Humboldt-University Berlin; Matthias Bernt, Institute for Regional development and Structural Planning
CHAIR(S): Andrej Holm, Humboldt-University Berlin
10:00 Liviu Chelcea*, University of Bucharest, *Gentrification as Primitive Accumulation: Property Rights, Capital Formation and the State in Bucharest during the 1990s.*
10:20 Ludek Sykora*, Charles University in Prague, *The view behind curtain: critical intolerance of radical perspectives on gentrification.*
10:40 Michael Janoschka*, Universidad Autónoma de Madrid; Jorge Sequera, Universidad Complutense de Madrid, *Gentrification outside the Anglo-Saxon core: Theoretical reflections about the neighbourhood effects of urban neoliberalism in Madrid.*
11:00 Iwona B. Sagan, prof.*, University of Gdansk, *Required social mix or unrequited gentrification. A case of Gdansk.*
11:20 Patricia Eugenia Olivera*, UNAM, *Global and local strategies for gentrification in Mexico City.*

- 1281. Issues in Medical and Health Geography**
Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Wen-Ching Chuang, Arizona State University
10:00 Perry Hystad*, UBC; Eleanor Setton, University of Victoria; Alejandro Cervantes, University of British Columbia; Karla Poplawski, University of Victoria; Anne-Marie Nicole, University of British Columbia; Paul A. Demers, Cancer Care Ontario, *Population Health Risk Assessment: What Does a Spatial Perspective Add?*
10:20 Robert Penfold, PhD*, Group Health Research Institute; Amy Kilbourne, PhD, Serious mental Illness Treatment Resource and Evaluation Center; David Mohr, PhD, Center for Organization, Leadership, and Management Research; Marjorie Nealon Seibert, Center for Organization, Leadership, and Management Research; Mark Bauer, MD, Center for Organization, Leadership, and Management Research, *VISN-level Changes in Prescribing Aripiprazole Following FDA Changes in Indication for Bipolar Disorder.*
10:40 Doug Goodin*, Kansas State University, *An Individual-Based SIR-type Model for Spatially Explicit Analysis of an Environment-Reservoir-Pathogen System.*
11:00 Kathryn Fisher, PhD Candidate*, McMaster University; K. Bruce Newbold, PhD, McMaster University, *Shedding Light on the Determinants of Chronic Illness by Studying A Relatively Isolated Population: The Old Order Mennonites.*
11:20 Wen-Ching Chuang*, Arizona State University, *Human vulnerability to heat in warmer cities: A temporal analysis of heat-related emergency dispatch in Phoenix, AZ, and Chicago, IL, 2003-2006.*

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- 1333. Visualization of Statistical and Spatial Data for Decision Making**
Room: Trianon Ballroom, Hilton, Third Floor (Plenary Session)
ORGANIZER(S): Association of American Geographers
 Introduction: William Clark, UCLA
Robert M. Groves, Director, US Census Bureau

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1401. New Perspectives to Paleoenvironmental Change and Geoarchaeology I (Sponsored by Paleoenvironmental Change Specialty Group, Geomorphology Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Matthew Peros, Bishop's University; Timothy Beach, Georgetown University

CHAIR(S): Ezgi Akpinar Ferrand, Southern Connecticut State University

12:40 Matthew Peros*, Bishop's University; Felipe Matos, Centro de Investigaciones de Ecosistemas Costeros, *High-resolution record of Late Holocene climate recorded in the sediments of a cenote, Cayo Coco, Cuba.*

1:00 Naomi G. Riddiford, Postdoctoral researcher*, School of Human and Environmental Sciences, University of Reading, and Department of Geography, Royal Holloway, University of London; Nicholas P. Branch, Senior Lecturer in Paleocology, School of Human and Environmental Sciences, University of Reading; Laurent Olivier, Professor of Iron Age archaeology, French National Museum of Archaeology; Christopher P. Green, Researcher, School of Human and Environmental Sciences, University of Reading; Simon J. Armitage, Lecturer in Physical Geography, Department of Geography, Royal Holloway, University of London, *The human-environment relationship of early industrial salt production in the Seille Valley, France.*

1:20 Nicholas P Dunning, PhD*, University of Cincinnati; Michael Smyth, PhD, Foundation for Americas Research; Eric Weaver, MA, University of Cincinnati; Philip van Beynen, PhD, University of South Florida, *Xcoch: Water Management and Climate Change at an Ancient Maya City.*

1:40 Gregory Zaro*, University of Maine, *Agricultural Landscapes Past and Present: Human Signals of Environmental Change.*

1402. Applications of the GeoWeb: utilizing user-generated content for geographic research (Sponsored by Geographic Information Science and Systems Specialty Group, Communication Geography Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Monica Stephens, University of Arizona; Antonella Rondinone, Università Di Siena

CHAIR(S): Monica Stephens, University of Arizona

12:40 Taylor Shelton*, Clark University; Matthew Zook, University of Kentucky; Mark Graham, Oxford Internet Institute, *The Technology of Religion: Mapping Religious Cyberscapes.*

12:55 Ramya Venkateswaran*, University of Zurich, Switzerland, *Exploration of activities in space and time using User Generated Content.*

1:10 Jeroen Verplanke*, University of Twente, *Theorizing Democracy in the Geoweb: citizen power to improve public service delivery.*

1:25 Josef Eckert*, University of Washington, *Mapping the Space Between Individual and Community: a Case for Database Ethnography.*

1:40 Michela Teobaldi*, University of Siena, *Word of mouth 2.0: new methods to evaluate tourist flows and tourist resources.*

1:54 Stefan Kaup*, ILS - Research Institute for Regional and Urban Development, *Utilizing VGI In Urban Monitoring Systems.*

1403. The ends of Europe: the evolving territorial and symbolic b/ordering of the EU project (Sponsored by Political Geography Specialty Group, European Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Luna Vives, University of British Columbia; Xavier Ferrer Gallardo, Universitat Autònoma Barcelona / Radboud University Nijmegen

CHAIR(S): Luna Vives, University of British Columbia

Introducer: Luna Vives

Panelists: Corey Johnson, University of North Carolina - Greensboro; Merje Kuus, University of British Columbia; James Scott, University of Eastern Finland; Olivier Kramsch, Radboud Universiteit; Luiza Bialasiewicz, Department of European Studies

1404. The United Nations and Ways to Address Climate Vulnerability (Sponsored by United Nations Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brian Tomaszewski, The Rochester Institute of Technology

12:40 Joseph Burkhead*, Western Michigan University, *Prospects for an International Charter 'Space and Major Disaster' (ICSMD) Response to Drought Disasters - An Anhui, China Case Study.*

1:00 Gregory Simon*, University of Colorado Denver, *Development, Climate Change and the UN Global Alliance for Clean Cookstoves.*

1:20 Zinta Zommers, Dr*, Wildlife Conservation Research Unit; Ashbindu Singh, Dr., United Nations Environment Programme, *Operationalizing a Global Climate Change Early Warning System: Dream or Reality?.*

1:40 Viviane Romeiro*, University of Maryland - Exchange Program; Viviane Romeiro, Viviane Romeiro, University of Maryland - Exchange Program; Virginia Parente, Virginia Parente, University of Sao Paulo, *UNFCCC impacts on national climate policies in emerging economies.*

2:00 Brian Tomaszewski, Ph.D.*, The Rochester Institute of Technology, *Understanding Global Shock Impacts Through Natural Disasters: An Overview of the United Nations Global Pulse Rapid Impact and Vulnerability Analysis Fund (RIVAF) Project "A Visual Analytics Approach to Understanding Poverty Assessment through Disaster Impacts in Africa."*

1405. Honouring Neil Wrigley (Sponsored by Economic Geography Specialty Group)

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Gordon L. Clark, University of Oxford; Susan M. Christopherson, Cornell University

CHAIR(S): Susan M. Christopherson, Cornell University

Introducer: Gordon L. Clark

12:50 Gordon L. Clark*, University of Oxford, *Situating behaviour: ecologies of financial decision-making.*

1:10 Susan M. Christopherson*, Cornell University, *The Other Side of the Coin: Can Resilience Theories Tell Us Which Regions May Regain Manufacturing?.*

1:30 Neil M. Coe*, University of Manchester, U.K., *Blazing a trail: Neil Wrigley and the globalization of retail capital.*

Discussant(s): Yuko Aoyama, Clark University; Andrew Bodman, California State University San Bernardino

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- 1406. Vectors, Disease, and the Human-Made World I (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Health and Medical Geography Specialty Group)**

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Paul Robbins, University of Arizona; Andrew Comrie, University of Arizona

CHAIR(S): Paul Robbins, University of Arizona

12:40 Alex Nading, Ph.D.*, Franklin and Marshall College, *Dengue Mosquitoes are Single Mothers: Biopolitics and Ecological Aesthetics in Nicaraguan Community Health Work.*

1:00 Dawn Biehler*, University of Maryland Baltimore County, *Retreating indoors? Returning to vigilance? Domestic landscapes, citizens, and insect pests in 1900 and today.*

1:20 Andrew Comrie*, University of Arizona; Cory Morin, University of Arizona; Melinda Butterworth, University of Arizona; Katheryn Landau, University of Arizona; Willem van Leeuwen, University of Arizona, *Urban Mosquito Mapping Using The Climate-Based Dynamic Mosquito Simulation Model (DyMSiM).*

1:40 Colin P Kunzweiler*, School of Sustainability, *Examining differential perceptions of risk to vector-borne disease in Phoenix, AZ.*

2:00 Lisa Calhoun*, UCLA; Yongkang Xue, Ph.D., UCLA; Jiangbo Gao, UCLA; Yoosook Lee, Ph.D., University of California, Davis; Gregory Lanzaro, Ph.D., University of California, Davis; Charles Taylor, Ph.D., UCLA, *Assessing the Relationship Between the Genetic Forms of the Malaria Vector Anopheles gambiae and Physical Environment and Climate in Mali and Cameroon.*

- 1407. India's New Economic Policy: A Critical Engagement (Sponsored by Regional Development and Planning Specialty Group)**

Room: Concourse G, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Rajiv Thakur, University of Tennessee; Vandana Wadhwa, Boston University

CHAIR(S): Rajiv Thakur, University of Tennessee

Introducer: Waquar Ahmed

Discussant(s): Sanjoy Chakravorty, Temple University

Panelists: Vinay Gidwani, University of Minnesota; Ipsita Chatterjee, Geography and the Environment, University of Texas at Austin; Raju J Das, York University; Rupal Oza, Hunter College, CUNY; Saraswati Raju, Jawaharlal Nehru University

- 1408. Social Capital, Space and Society: A Multifocal Perspective**

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Chanelle Fingal; Robert Kinlocke, University of the West Indies

CHAIR(S): Chanelle Fingal

Introducer: Chanelle Fingal

12:45 Andrew Dryanski*, University of Oklahoma, *Community, Social Capital and the Credit Union.*

1:00 Kirsten Visser*, Utrecht University - Faculty of Geosciences; Gideon Bolt, Utrecht University - Faculty of Geosciences; Ronald van Kempen, Utrecht University - Faculty of Geosciences, *The Formation of Social Networks of Adolescents: The Interplay between Neighbourhood Structure and Personal Agency.*

1:15 Todd C Shaw*, Department of Political Science, African-Am Studies, *Theorizing the Changing Place Identities of Black Politics.*

1:30 Robert Kinlocke*, University of the West Indies, *Fear, Social Capital and Fortified Enclaves in the Kingston Metropolitan Area.*

1:45 Chanelle Fingal, BA(Hons)*, The University of the West Indies, *"Trust, norms networks" and "feeling in people's hearts": Creating Social and Emotional Capital through Fair Trade.*

- 1410. Hurricanes III: Storm surges, extreme winds, and tornadoes (Sponsored by Coastal and Marine Specialty Group, Climate Specialty Group)**

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Harry Williams, University of North Texas; Kam-Biu Liu, Louisiana State University

CHAIR(S): Harry Williams, University of North Texas

12:40 Jill Malmstadt*, Florida State University; James Elsner, Ph.D., Florida State University; Harold Needham, Louisiana State University; Thomas Jagger, Ph.D., Florida State University, *A statistical model for combined surge and wind speed from hurricanes: Case studies from three regions along the northern Gulf of Mexico coastline.*

1:00 Asbury (Abby) Sallenger, PhD*, U.S. Geological Survey; Kara Doran, MS, U.S. Geological Survey; Peter Howd, PhD, U.S. Geological Survey, *Sea-Level-Rise Acceleration and Storm Surges along the U.S. Northeast Coast.*

1:20 Robert E Hodges*, Florida State University, *Multilevel modeling for seasonal hurricane prediction.*

1:40 Shivangi Prasad*, Florida Atlantic University, *Hurricane Vulnerability in New England and Mid-Atlantic States.*

2:00 Todd W. Moore*, Texas State University-San Marcos; Richard W. Dixon, Texas State University-San Marcos, *Tropical Cyclone Tornadoes as Hazards.*

- 1411. The Political Landscape of the 2012 U.S. Presidential Election (Sponsored by Political Geography Specialty Group)**

Room: Gibson Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Fred Shelley, University of Oklahoma

CHAIR(S): Fred Shelley, University of Oklahoma

Discussant(s): Barney Warf, University of Kansas; Amy Glasmeier, Massachusetts Institute of Technology

Panelists: John C Archer, University of Nebraska; John Heppen, University Of Wisconsin River Falls; Fred Shelley, University of Oklahoma; John Wertman, Association of American Geographers

- 1412. Disqualified places: practices and representations (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Marianne Blidon, Paris 1 University; France Guérin-Pace, Ined

CHAIR(S): France Guérin-Pace, Ined

Introducer: Kevin R Cox

12:41 Djemila Zeneidi*, CNRS Bordeaux, *Homeless tents in cities: politicization of the homelessness issue.*

1:01 Tristan Brusle*, CNRS, *Rejected by society, despised by their inhabitants: industrial areas, labour camps and the making of otherness. Examples from Qatar.*

1:21 Marianne Blidon*, Paris 1 University, *« Living in Hell ». The ambivalent perception of the rural by gays and lesbians.*

1:41 Caroline Bouloc*, University of Paris I (Panthéon ? Sorbonne), UMR Géographie-Cités research unit, Institute of Geography and Spatial Organization, Polish Academy of Sciences; Magdalena Gorczynska*, Institute of Geography and Spatial Organization, Polish Academy of Sciences, University of Paris I (Panthéon ? Sorbonne), *What Perception of the East? Changes in the Image of the Eastern Part of Warsaw (Poland).*

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1413. Role of Information and Communication Technology in Urban and Regional Development (Sponsored by Communication Geography Specialty Group)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark Wilson, Michigan State University; Maria Paradiso, Università Del Sannio, Faculty SEA, Italy

CHAIR(S): Pedro Marques, CURDS, Newcastle University

12:40 Kristi Grisakov*, Aalto University, *Digital Tools in Cross-Border Space and Planning*.

1:00 Dr. Helmut Kraenzle, Professor*, James Madison University; Amy Ozeki, GIS Coordinator, Page County, Virginia, *Attracting Tourism in Page County, Virginia with an Interactive GIS Online*.

1:20 Lena Hatzelhoff*, Department of Geography, Bonn University, *Becoming Smart?: On the Implementation of a Smart City Project Using Information and Communication Technologies in Germany*.

1:40 Constantine E. Kontokosta, PhD, PE*, New York University, *Building the Smart City: Governance of Complex Urban Systems*.

2:00 Pedro Marques*, CURDS, Newcastle University; Randal Richardson, CURDS, Newcastle University; Andy Gillespie, CURDS, Newcastle University, *A strategic approach to understanding regional development through ICT*.

1414. Improving AAG Regional Meeting Participation

Room: Lincoln Suite, Hilton, Fourth Floor

Organizers: Ken Foote, AAG Past President, University of Colorado, Boulder

Bryon Middlekauff, Plymouth State University

Jim Ketchum, Association of American Geographers

Chair: Ken Foote, AAG Past President, University of Colorado, Boulder

Panelists: Jo Beth Mullens, Keene State College
Richard Groop, Michigan State University
Jennifer Collins, University of South Florida
Cathleen McAnneny, University of Maine at Farmington
Zoe Pearson, Ohio State University
Thomas Maraffa, Youngstown State University

Join panelists to discuss how regional meeting participation and effectiveness can be improved. The panel includes graduate and undergraduate faculty as well as current, future, and recent regional division meeting organizers.

1415. Fitting In For Youth

Room: Madison Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elisabeth Gulløy, Telemark University College

12:40 Philip Kreniske, M.S. Ed.*, The Graduate Center, CUNY, *Globalization and Education in Nyae Nyae: Transportation, Economic Status, and Culture*.

1:00 Katarina Gustafson*, Uppsala University; Danielle van der Burgt, *Unequal places - unequal time space puzzles? New urban childhoods and children's health and well-being*.

1:20 Kari B. Jensen*, Hofstra University, *"It's Hard to Balance It": Youth of the South Asian Diasporas in Oslo and New York Share Their Experiences Growing Up and (Not) Fitting In*.

1:40 Pamela Katia Sertzen*, The University of Texas at Austin; Rebecca Torres, The University of Texas at Austin, *Dibujando el "otro lado": children's depictions of the United States*.

2:00 Elisabeth Gulløy*, Telemark University College, *Experiences of home place among youths with immigrant backgrounds in smaller communities in Norway*.

1416. Opening the Black Box of 'Creative' Policies 3 - New Paths of Creative Development (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Bas van Heur, Maastricht University; Iris Dzudzek, Department of Human Geography, Geothe-University Frankfurt a. M.

CHAIR(S): Peter Lindner, University of Frankfurt

12:40 Calvin Taylor*, University of Leeds, *The Political Antinomies of the Creative Economy*.

1:00 Valérie Sauter*, Institute of Geography, University of Neuchâtel (IGG), *Mobilizing art production in urban development: Nantes and its new "Creative Arts District"*.

1:20 Soraia Silva*, Institute of Geography and Spatial Planning, University of Lisbon; Ana Esteves, Institute of Geography and Spatial Planning, University of Lisbon; André Carmo, Institute of Geography and Spatial Planning, University of Lisbon; Isabel André, Institute of Geography and Spatial Planning, University of Lisbon; Mário Vale, Institute of Geography and Spatial Planning, University of Lisbon, *Reflecting on (Social) Creativity, Approaching Real Utopias in Lisbon*.

1:40 Jens Kaae Fisker*, Aalborg University, *Beyond Creative Industries: Mobilisation of Creative Potential in Subregional Centres*.

2:00 Kate Shaw, Dr*, University of Melbourne, *21st Century urban renewal: rethinking local planning regimes and their effects on the life of cities*.

1417. Spatial Epidemiology III: modeling and clustering (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Eric Delmelle, UNC-Charlotte; Antonio Paez
CHAIR(S): Antonio Paez

12:40 David C Wheeler, PhD, MPH*, Virginia Commonwealth University, *Spatial-temporal Analysis of Cancer Risk in a Case-control Study with Residential Histories*.

1:00 Guangquan Li, Imperial College London*, Department of Epidemiology and Biostatistics, Imperial College London, UK; Lea Fortunato, Imperial College London, Department of Epidemiology and Biostatistics, Imperial College London; Anna Hansell, Imperial College London, Department of Epidemiology and Biostatistics, Imperial College London, UK; Ismail Ahmed, Inserm, CESP Centre for research in Epidemiology and Population Health, France; Mireille Toledano, Imperial College London, Department of Epidemiology and Biostatistics, Imperial College London, UK; Sylvia Richardson, Imperial College London, Department of Epidemiology and Biostatistics, Imperial College London, UK; Nicky Best, Imperial College London, Department of Epidemiology and Biostatistics, Imperial College London, UK, *BaySTDetect: detecting unusual temporal patterns in small area disease rates using Bayesian posterior model probabilities*.

1:20 Chantel Sloan, Vanderbilt University; Geoffrey Jacquez, BioMedware, Inc.; Rikke Bastrup-Nordsborg, Danish Cancer Society; Ole Raaschou-Nielsen, Danish Cancer Society; Jaymie Meliker*, Stony Brook University, *Searching for Cancer Clusters in Case-Control Residential Histories of Testicular Cancer in Denmark*.

1:40 Jennifer J Winston*, University of North Carolina; Michael Emch, PhD, University of North Carolina; Robert E. Meyer, PhD, North Carolina Birth Defects Monitoring Program, *An exploration of clustering of hypospadias births in North Carolina*.

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1418. The Geography of Knowledge Specialization/Relatedness and the Evolution of US Invention, 1975-2005

Regional Studies Association Annual Lecture 2012

Room: Murray Hill Suite B, Hilton, Second Floor (Panel Session)

Sponsored by: Regional Studies Journal, Regional Studies Association

Organizer: Dieter Kogler, University College, Dublin

Chair: Arnoud Lagendijk, Radboud University, Nijmegen

Presenter: David Rigby, UCLA

Discussant: Maryann Feldman, University of North Carolina, Chapel Hill

U.S. patent data and patent citations are used to build a measure of technological relatedness between major patent classes. The relatedness measures form the links of a U.S. knowledge network, the evolution of which is tracked over time. Rates of patenting, citation flows between cities, and the direction of invention are examined with the technological relatedness measure.

This lecture is part of series of sessions on Evolutionary Economic Geography, Agglomeration, and Geographies of Knowledge Production that run from 8am on Friday 2/24/2012 through Sunday 2/26/2012.

1419. Squatting and Social Centers: Resistance and Production of Critical Spaces III (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Pierpaolo Mudu, University of Rome; Miguel A. Martínez, University Complutense of Madrid

CHAIR(S): Pierpaolo Mudu, University of Rome

12:40 Elisabeth Lorenzi, PhD*, CSIC, UNED, *Overflowing the walls. The squatting is on the paths.*

1:00 Amy Starecheski*, CUNY Graduate Center, *Squat Legalization, Debt, and the New Politics of Housing in New York City.*

1:20 Thomas AGUILERA*, Sciences Po Paris, *Squatters are innovative urban planners! Configurations of squats in Paris and Madrid and their impacts on policies.*

1:40 Andrea Aureli*, St. John's University, Rome Italy, *Squatting rights?.*

Discussant(s): Matthias Bernt, Institute for Regional development and Structural Planning

1420. Moral Encounters in Tourism I (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mary Conran; Kevin M Hannam, University of Sunderland

CHAIR(S): Kevin M Hannam, University of Sunderland

12:40 Sharon Wilson*, Sunderland University; Kevin Hannam, Professor, University of Sunderland, *To Boldly Go Where No VW has Gone Before: Ethics in auto-ethnographic fieldwork.*

1:00 Moira Conway*, CUNY Graduate Center, *Choice of Casino Location and Potential Community Impacts in Metropolitan Philadelphia.*

1:20 Theano S. Terkenli*, University of the Aegean, *Moral Encounters in Land Use and Tourism: the Case of Greece.*

1:40 Elissa J Sampson*, UNC Chapel Hill, *Moral Lessons from a Storied Past.*

Discussant(s): Anne-Marie D'Hauteserre, University of Waikato

1421. Elizabeth Grosz "Chaos, territory, art: Deleuze and the framing of the earth" - Author meets Critics

Room: Regent Parlor, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Kathryn Yusoff, Lancaster University

CHAIR(S): Jamie Lorimer, Kings College London

Introducer: Arun Saldanha

Discussant(s): Catherine Nash, Queen Mary, University of London

Panelists: Elizabeth Grosz, Rutgers University; Nigel H Clark, The Open University; Kathryn Yusoff, Lancaster University

1423. Korean - Chinese Interactions

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bernhard Koeppen, Universitaet Koblenz-Landau

12:40 Shengyang Yao*, National Taiwan University, *Placing the Change of Street Names in the trace of Urban Expansion: A Case Study of Taipei City, 1945-2010.*

1:00 HaeRan Shin*, University College London, *The interaction between Joseonjok (Korean-Chinese) immigrants and their receiving communities in Seoul.*

1:20 Lisa Kim Davis*, UCLA, *The Housing Question in Seoul: the expansion of tenant dispossession.*

1:40 Seung Ook Lee*, The Ohio State University, *Is China colonizing North Korea?.*

2:00 Bernhard Koeppen*, Universitaet Koblenz-Landau, *The Special Economic Zones (SEZs) along the Korean demilitarized zone in Democratic People's Republic of Korea: A pathway towards cross-border-cooperation or a useless relic of sunshine policy?.*

1424. The Urban Common(s) III: Home?

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Amanda Huron, Graduate Center, CUNY

CHAIR(S): Christian Anderson, The City University of New York - Graduate Center

12:40 Randall Cohn*, Sara H Nelson, University of Minnesota, *Homelessness and the Urban Common(s).*

1:00 Ursula Lang, PhD Candidate*, University of Minnesota, *Yard-making as a form of Commoning?.*

1:20 Amanda Huron*, Graduate Center, CUNY, *The Urban Commons of Limited-Equity Housing Cooperatives.*

Introducer: Christian Anderson

1425. Medical Geography: Distribution of Disease

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bogyong Min

12:40 Courtney J Donovan*, San Francisco State University; Courtney Donovan, Assistant Professor, San Francisco State University, *Graphic Pathogeographies: Geographic Concepts in Graphic Novels of Health and Disease.*

1:00 Akihiko Michimi*, Department of Public Health, Western Kentucky University, *Metropolitan occupational structure and coronary heart disease prevalence in the United States.*

1:20 David Ferring*, University of North Texas; Petra Tschakert, Penn State University; Richard Amankwah, University of Mines and Technology, Ghana; Joseph Oppong, University of North Texas; Heidi Hausermann, Penn State University; Warangkana Ruckthongsook, University of North Texas, *Environmental and Behavioral Risk Factors for Buruli ulcer in Ghana: A Multi-Scalar Analysis.*

1:40 Bo Xu*, California State University, San Bernardino, *Spatial and spatial-temporal clustering analysis of hemorrhagic disease in white-tailed deer in Southeast*

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USA: 1980 - 2003.

- 2:00** Bogyong Min*, Arizona State University, *Social justice and health equity: : Diabetes, obesity, and asthma in the United States, 2002-2010.*

1429. Spaces of Transitional Justice: Citizenship and Civil Society
 Room: Mercury Ballroom, Hilton, Third Floor (Paper Session)
 ORGANIZER(S): Alex Jeffrey, Newcastle University; Briony A Jones, swisspeace

CHAIR(S): Alex Jeffrey, Newcastle University

- 12:40** Kate Flynn*, University of the West of England, Bristol, UK, *Contested Heritage and Stakeholder Engagement in Northern Ireland: the Redevelopment of the Former Maze Prison / Long Kesh.*

- 12:55** Briony A Jones, Dr.*., swisspeace, *Citizenship and Reconciliation in Brcko District, Bosnia-Herzegovina: Exploring Agency and Resistance in a 'Reconciled' Space.*

- 1:10** Markus Weissert*, Berghof Conflict Research, *Memorialization Projects as Local Spaces of Transitional Justice in Rural Peru.*

- 1:25** Alexander Vorbrugg*, Goethe-University Frankfurt, *The Politics of Memory, Notions of Justice and Civil Society: Performing Transition in Ukraine.*

- 1:40** Jemima Garcia-Godos*, University of Oslo, *Transitional justice and human geography.*

Discussant(s): Amy Ross, University of Georgia, Athens

1430. Climate Change and Indigenous Peoples I: Indigenous Knowledge and Western Science (Sponsored by Human Dimensions of Global Change Specialty Group, Indigenous Peoples Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): RDK Herman, National Museum of the American Indian

- 12:40** RDK Herman*, National Museum of the American Indian, *IndiGEO: Smithsonian Initiative for Indigenous Geography & Environmental Monitoring.*

- 1:00** Peter L Pulsifer, PhD*, University of Colorado; Shari Gearheard, PhD, University of Colorado; Mark Parsons, University of Colorado; Henry Huntington, Pew Environment Group / Huntington Consulting; Chris McNeave, University of Colorado; Heidi McCann, University of Colorado, *The Exchange for Local Observations and Knowledge of the Arctic: Data sharing opportunities and challenges.*

- 1:20** Jessica K. Graybill*, Colgate University, *Reigning in a grand narrative? Unpacking scientific, historical and Indigenous knowledges about climate and environmental transformation on Kamchatka Peninsula, Russian Far East.*

- 1:40** Randy A. Peppler*, University of Oklahoma, *"Things are not balancing out" - Perceptions of a changing climate among Native farmers in southwestern Oklahoma.*

- 2:00** Casey C. Kahn-Thornbrugh, MA*, University of Arizona, *Developing a Weather and Climate Curriculum combining Tohono O'odham and Western Science Knowledge of the Sonoran Desert Region.*

1431. Movement, Community, and Time

Room: Petit Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alka Patel, University of Calgary

- 12:40** Paul Burger*, University of Nebraska Kearney; H. Combs*, University of Nebraska At Kearney, *Cleaning Up the Competition with GIScience: Marketing Strategies for Yellow Van Cleaning Services.*

- 1:00** Bin Meng*, Dept. of Urban Sciences, College of Arts & Sciences, Beijing Union University; Guifen Me, Beijing

Normal University; Liming Zheng, Beijing Normal University; Huili Yu, Beijing Normal University, *Excess commuting and its spatial characteristics in Beijing.*

- 1:20** Luc Guillemot*, Chôros laboratory, EPFL; Boris Beaudé, Chôros laboratory, EPFL, *Commuting Scale.*

- 1:40** Dustin T Duncan, ScD*, Harvard School of Public Health; Jared Aldstadt, PhD, University at Buffalo; Marcia C Castro, PhD, Harvard School of Public Health; David R Williams, PhD, MPH, Harvard School of Public Health, *Spatial Inequalities in Neighborhood Walkability.*

- 2:00** Alka Patel, MGIS, GISP*, University of Calgary; Ian Blanchard, MSc, EMT, Alberta Health Services; Nigel Waters, PhD, George Mason University; William Ghali, MD, MPH, University of Calgary, *Validation of ground emergency transport times modeled using GIS.*

1432. Brokering bodies across borders III: Intermediaries and the state in the age of mobility (Sponsored by Political Geography Specialty Group, Population Specialty Group, Economic Geography Specialty Group)

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia; Alison Mountz, Syracuse University

CHAIR(S): Alison Mountz, Syracuse University

- 12:40** Philip F Kelly*, York University, *Ethnic Identity and Class across Generations: the Role of Immigrant Organizations in Shaping Filipino Second Generation Outcomes in Canada.*

- 1:00** Lisa Bhungalia*, Syracuse University, *Contracting aid: intermediaries and the state in U.S. foreign assistance.*

- 1:20** Michael Collyer*, University of Sussex, *Paying for Return to Sri Lanka.*

- 1:40** Jenna M. Loyd*, Syracuse University; Emily Mitchell-Eaton*, Syracuse University, *The Militarization of US Immigrant Detention: Islands, Power and Push-back.*

Discussant(s): Richard A Wright, Dartmouth College

1435. Advances and Challenges in Digital Elevation Models III (Sponsored by Coastal and Marine Specialty Group, Spatial Analysis and Modeling Specialty Group, Geomorphology Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Barry W Eakins, University of Colorado;

Jeffrey J. Danielson, United States Geological Survey

CHAIR(S): John Brock, USGS

- 12:40** Peter George Chirico*, United States Geological Survey, *Elevation change detection of artisanal mining sites in West Africa using DEMs derived from high resolution satellite imagery.*

- 1:00** Janet Gritzner*, South Dakota State University; Bruce V Millett, South Dakota State University, *Identifying Wetland Features in the Prairie Pothole Region with IFSAR DSMs/DTMs.*

- 1:20** Tao Tang*, Buffalo State College (SUNY College at Buffalo); Tao Tang, SUNY - College at Buffalo, *Urban and suburban building extractions applying FEMA airborne laser scan (LiDAR) data and the accuracy test.*

- 1:40** Dean Gesch*, U.S. Geological Survey, *Consideration of Elevation Uncertainty in Coastal Inundation and Sea-Level Rise Assessments.*

Discussant(s): Barry W Eakins, University of Colorado

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1436. Size Matters: theorising and researching the embodied geographies of size 1

- Room:** Green Room, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Bethan Evans, University of Liverpool; Rachel Colls, Durham University
CHAIR(S): Nicole Mixson-Perez, Florida International University
12:40 Robyn Longhurst*, University of Waikato, *"Un-fixing" body size and shape.*
1:00 Erin Pritchard*, Newcastle University; Erin Pritchard, PhD student, Newcastle University, *Space and time strategies of dwarfs in public space: body size and rights of access to the built environment.*
1:20 Zoe Meleo-Erwin*, CUNY Graduate Center, Sociology Department, *Navigating the shift from fat to thin(er): The biosociality of weight loss surgery support forms.*
1:40 Nicole Mixson-Perez, M.A., PhD Student*, Florida International University, *Sizing Up discourses of body size.*
2:00 Rachel Colls*, Durham University, *Sizing Up Geographies: bodily difference and the spatialities of 'size'.*

1437. Geographies of the Life Course II: Older Age (Sponsored by Qualitative Research Specialty Group)

- Room:** Harlem Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Nancy Worth, University of Leeds; Irene Hardill, Northumbria University
CHAIR(S): Nancy Worth, University of Leeds
12:40 Susan Lucas, Ph.D.*, Temple University, *Standardizing Later life within the De-Standardized Life Course: Evidence from Retirement Communities Advertisements.*
1:00 Theresa Garvin*, University of Alberta; Esther McNairnay, Human Geography Program, University of Alberta, *Nostalgic Suburbia: Linking Sense of Place with Life Course Theory in Older Adults.*
1:20 Anne-Marie Séguin, Dr.*, Université du Québec; Philippe Apparicio, Dr., Université du Québec; Mylène Riva, Dr., Centre de Recherche du Centre hospitalier universitaire de Québec, *Mapping trajectories of neighbourhood age change at the intra-metropolitan level.*
Discussant(s): Irene Hardill, Northumbria University

1439. Ruinations: Violence, Snafus, Porn

- Room:** Holland Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Angela Last, University College London; Mireille Roddier, Taubman College of Architecture + Urban Planning
CHAIR(S): Angela Last, University College London
12:40 Andrew Herscher*, University of Michigan, *The Society of the Counter-Spectacle: On the Ruins of Detroit.*
1:00 Anya Sirota*, University of Michigan, *Aestheticized ruins, scenographic abstractions, and other deployable cultural infrastructures.*
1:20 Mireille Roddier*, Taubman College of Architecture + Urban Planning, *Sculpture in the Dilapidated Field: Constructed images of urban Collapse.*
1:40 Neal White, Associate Professor*, Bournemouth University / Office of Experiments, *Institutional Ruination and Catastrophe.*

1440. The bicycle city: movement politics and the politics of movement #1

- Room:** Hudson Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Melody Hoffmann
CHAIR(S): William Lindeke, University of Minnesota
12:40 Matthew A. Masucci, Ph.D.*, San Jose State University; Jay Johnson, Ph.D.*, San Jose State University, *You've got to fight for your right to party!: A qualitative exploration of the San José Bike Party.*
1:00 Zack Furness, Assistant Professor of Cultural Studies*, Columbia College Chicago, *Shifting Gears: A Social and Environmental Justice Approach to Promoting Bicycle Transportation.*
1:20 Melody Hoffmann*, University of Minnesota, *The urban 24-hour bicycle race: New understandings of bicycle activism and community-building.*
1:40 William Lindeke*, University of Minnesota, *Affect as Central to Broad Bicycling Advocacy.*
Discussant(s): Clare Wasteneys, Queen's University

1441. Personal mobilities (Sponsored by Transportation Geography Specialty Group)

- Room:** Midtown Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Julie Cidell, University of Illinois
CHAIR(S): Andre Novoa
12:40 Crista M Livecchi*, Pennsylvania State University, *Where the Heart Is? Mobility, Home, and US Military Kids.*
1:00 Peta Mitchell*, University of Queensland; Jane Stadler, University of Queensland, *On the Trail of Red Dog: Narrative Trajectories, Mobility, and the Australian West.*
1:20 Philip Brown*, The University of Salford, *Homelessness, mobility and place.*
1:40 Andre Novoa*, Royal Holloway, University of London, *"Like lovers in suits of armour": a mobile ethnography of Portuguese MEPs.*
2:00 Kent Mathewson*, Louisiana State University, *Migration and Mobility in Latin American Writings of Élisée Reclus and Friedrich Ratzel.*

1444. The University and the City 3 (Sponsored by Applied Geography Specialty Group, Urban Geography Specialty Group)

- Room:** Conference Room B, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Andrew Karvonen, University of Manchester; James Evans, University of Manchester
CHAIR(S): Bas van Heur, Maastricht University
12:40 Paul Vallance, Dr*, Newcastle University, *Universities and sustainable urban development: institutional and academic roles.*
1:00 Hélène Dang Vu*, Université Paris Est Marne-la-Vallée, *Typology of universities as new urban stakeholders in Northern Europe and North America.*
1:20 Kate Geddie*, University of Lausanne, *Reconsidering university-city relations through overseas branch campuses: examples from the UAE.*
1:40 Marc V. Levine*, UW-Milwaukee Center for Economic Development, *The False Promise of the Entrepreneurial University: Academic Commercialism and Urban Economic Development.*
2:00 James Powell*, *Creative Engagement and Leadership by Higher Education in Reach Out in order to Develop Creative City Regions - Deep Partnership.*

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- 1445. Comparative International Geographies of Transport (Sponsored by Transportation Geography Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Julie Cidell, University of Illinois
 CHAIR(S): Jason Monios, Edinburgh Napier University
12:40 Nikolas Thomopoulos, MSc, PhD*, Institute for Transport Studies, Faculty of Environment, University of Leeds;
 Susan M Grant-Muller, PhD, Institute for Transport Studies, Faculty of Environment, University of Leeds;
 Miles R Tight, MA, PhD, Institute for Transport Studies, Faculty of Environment, University of Leeds,
Evaluating the regional impacts of Trans-European Transport Networks using a composite indicator: application of the SUMINI methodology.
1:00 Janez Nared*, Janez Nared, *Sustainable solutions to transport challenges in metropolitan regions: the case of Catch_MR.*
1:20 Diana Dizaiin*, kyoto university; Eiichi Taniguchi, Professor, Kyoto University; Laetitia Dabanc, Dr, French institute of sciences and technology for transport, development and networks, *Logistic terminals location pattern : some comparison elements between France and Japan.*
1:40 Jason Monios*, Edinburgh Napier University; Yuhong Wang, Edinburgh Napier University, *A comparison of intermodal terminal development strategies on three continents.*
- 1446. Qualitative GIS Symposium I: Opening Plenary (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**
Room: Conference Room D, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Stephen Burgess, Cardiff University; Matthew W. Wilson, University of Kentucky
 CHAIR(S): Stephen Burgess, Cardiff University
12:40 Meghan Cope, University of Vermont
 Panelists: Mei-Po Kwan, Ohio State University
- 1447. Time Geography: Theoretical Developments and Applications I (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**
Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Shih-Lung Shaw, University of Tennessee
 CHAIR(S): Shih-Lung Shaw, University of Tennessee
12:40 Kajsa Ellegård*, Linköping University, Technology and social change, *Activity patterns and resource use - an interactive time-geographic visualization method.*
1:00 Ying Song*, University of Utah; Harvey J Miller, University of Utah, *Visit Probabilities within Space-Time Prisms.*
1:20 Bart Kuijpers, Hasselt University; Harvey Miller*, University of Utah; Walied Othman, University of Muenster, *Kinetic Space-time Prisms.*
1:40 Xiang Chen*, The Ohio State University; Mei-Po Kwan, The Ohio State University, *Multiple Flexible Activities Under Space-Time Constraints.*
2:00 Ling Yin*, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences; Shih-Lung Shaw, Department of Geography, The University of Tennessee, *Exploring Dynamic Relationships between Physical Proximity and Virtual Interactions.*
- 1448. What can "The Cloud" do for my 2-year Undergraduate Program? (Sponsored by GIScience, Cyberinfrastructure, and Social Media Special Session Track, Community College Affinity Group)**
Room: Conference Room F, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Kerry Lyste, Everett Community College
 CHAIR(S): Kerry Lyste, Everett Community College
 Panelists: Charles Thomsen, American River College; Chaowei Yang, CISC/GMU; Sterling Quinn, Esri
- 1450. Landscapes of Illegal and Nefarious Practice**
Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Thomas C. Zumbado, University of Utah
12:40 Agostino Mantegna*, UCLA, *Political Clientelism: A Macro Political-Geography Perspective.*
1:00 Kathleena M. Mumford*, The George Washington University, *Using Geographic Indicators and Trends to Counter Drug Trafficking Organizations.*
1:20 Cecil Emmanuel Seethal, Professor*, University of Fort Hare, South Africa, *Human Trafficking in South Africa -The Violation of Human Rights.*
1:40 Thomas C. Zumbado, PhD Student, Department of Geography*, University of Utah, *An Investigation of the Philosophical Changes of the Abu Sayyaf Group Using Geospatial Analysis.*
2:00 Cynthia Sorrensen*, Texas Tech University, *How deep is the nation?: Mapping the subterranean border between the United States and Mexico.*
- 1451. Polar Geographies I: Polar Science and Climate Change (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Cryosphere Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland
 CHAIR(S): Timothy Heleniak, University of Maryland
12:40 Olav Slaymaker, Ph.D., D.Sc.*, Department of Geography, UBC, *Norway's polar presence: the legacy of Nansen and Amundsen.*
1:00 Marilyn Raphael, Dr.*, University of California, *Seasonal Influence of Zonal Wave Three on Antarctic Surface Temperature Trends.*
1:20 Thomas J Ballinger*, Kent State University; Jeffrey C Rogers, Ohio State University; Meng-Pai Hung, National Center for Environmental Prediction (NCEP), *On the Statistical Relation between the AMO and Beaufort and Chukchi Seas Late Summer Ice Retreat.*
1:40 Scott R Stephenson*, UCLA; Laurence C Smith, PhD, UCLA; John A Agnew, PhD, UCLA; Lawson W Brigham, PhD, University of Alaska, Fairbanks, *Projecting Arctic Maritime Access to 2100.*
2:00 Lawson W Brigham*, University of Alaska Fairbanks, *The New Geography of the Central Arctic Ocean.*

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1452. Design, Design Activism and the Democratic Production of Future Social Natures - Session 1: Theorizing the Links

Room: Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Damian White, RISD

CHAIR(S): Damian White, RISD

12:40 Damian White, Associate Professor*, RISD, *Design, Design Activism and the Democratic Production of Future Social Natures*.

1:00 Randy Swearer, PhD*, Philadelphia University, *Designing the Thresholds between Public, Private, and Political space*.

1:20 Anne Galloway, Dr*, School of Design, Victoria University of Wellington, *Critical Design and Spaces of Potentiality*.

1:40 Gideon Kossoff*, Centre for Study of Natural Design, University of Dundee, *Early Thoughts on Transition Design*.

2:00 Bryan Wright*, University of Cincinnati, *Whose Community and Who is Participating: Rethinking the Production of Community and Participation through Everyday Design Activism*.

1453. Critical Geographies of Young People - Globalization, Space and Time III: Urban Identities

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Tracey Skelton, National University of Singapore; Jared Wong, National University of Singapore

CHAIR(S): Francis Collins, National University of Singapore

12:40 Elsa Davidson*, Montclair State University, *Caught in the Middle: Lived and Imagined Place and Aspiration among Silicon Valley Youth*.

1:00 Elyse Gordon*, University of Washington, *It's All About Job Skills: Neoliberalism, Non-Profits, and the Impacts on Young People in Seattle, Washington*.

1:20 Lydia Wood, PhD student*, San Diego State University; Stuart C. Aitken, San Diego State University; Fernando Bosco, San Diego State University, *Children's encounters of memory and place*.

1:40 Maria Rodó-de-Zárate*, Universitat Autònoma de Barcelona; Mireia Baylina, Universitat Autònoma de Barcelona, *Squatter girls: Creating sites of resistance*.

2:00 LeConte J. Dill, DrPH, MPH*, Morehouse School of Medicine; Alex B. Schafran, University of California Berkeley, *Youth Geographies at Two Scales: Safety, Violence, and Geography in Oakland and the San Francisco Bay Area*.

1454. Urbanization, Climate Change and Hydrology 1: Intersections & Management for more Sustainable Cities (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Conor Murphy, National University of Ireland; William Solecki, Hunter College

CHAIR(S): Colin Polsky, Clark University

12:40 Julia Hall*, Irish Climate Analysis and Research Units (ICARUS), Department of Geography, National University of Ireland, Maynooth, *Water Management and Climate Change: Adaptation, Decision Making and Resilience*.

1:00 Conor Murphy*, National University of Ireland, *Climate Change, Urbanization and Water; establishing a case study catchment in Dublin, Ireland*.

1:20 Lily A. House-Peters*, University of Arizona, *Approaching tipping points? Hydro-politics, conservation, exploitation and riparian resilience in the US/Mexico Border Region*.

1:40 Kelly Turner*, Arizona State University; Christopher Galletti, Arizona State University, *Ecosystem services in sustainable planned communities: do they deliver?*.
Discussant(s): William Solecki, Hunter College

1456. 2012 Student Illustrated Paper Competition Sponsored by the Remote Sensing/GIS/Cartography Specialty Groups (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Cartography Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Lindsay Deel, West Virginia University

CHAIR(S): Lindsay Deel, West Virginia University

12:40 Marion Clement, Undergraduate Student*, Rutgers University; Kae Yamane*, James K Mitchell, PHD, Rutgers University, *The Shantytown Mapping Project: Google Earth in the Study of Urban Shantytowns*.

12:45 Andrew Shatz*, Clark University Graduate School of Geography; John Rogan, Clark University Graduate School of Geography; Yelena Ogneva-Himmelberger, Clark University Graduate School of Geography; Hao Chen, Clark Labs, *Creating and Analyzing a Time Series of Species Distribution Models: Asian Longhorned Beetle (*Anoplophora glabripennis*) in Worcester County, MA*.

12:50 Jorge V Bajo*, SUNY at Buffalo, *Using GIS and Remote Sensing Techniques to Help with Community Mitigation and Volcanic Hazard Mapping*.

12:55 Shanshan Cai*, Department of Geography, The Ohio State University; Desheng Liu, Department of Geography, The Ohio State University, *Combining Object-based Classification Approach with Pixel-based Contextual Classification on Airborne High Spatial Resolution Remote Sensing Imagery*.

1:00 Lu Liang*, UC Berkeley; Yan lei chen, UC Berkeley; Peng Gong, UC Berkeley, *New Global Ecoregions for Land Cover Characterization*.

1:05 Xianwei Wang*, Institute of Remote Sensing Applications, Chinese Academy of Sciences; Peng Gong, Center for Earth System Science, Tsinghua University, *Lake Water-level Changes of 56 Large Lakes in China from 2003 to 2009 Based on ICESat/GLAS data*.

1457. Risky endeavors: Emerging approaches to the creation of risk and responses to the uncertain 3 (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Patrick Bigger, University of Kentucky

CHAIR(S): Jairus Rossi, University of Kentucky

12:40 Victor M. Torres-Velez, Ph.D.*, Hunter College, *Making Sense of Uncertainty: Environmental and Health Risks in a Militarized Landscape, Vieques, Puerto Rico*.

1:00 Patrick Bigger*, University of Kentucky, *Incommensurate uncertainties? Risk and profit in carbon markets*.

1:20 Claire Loussouarn*, Goldsmiths, University of London, *Spread betting in the financial market: what's the difference with gambling?*.

1:40 Chris Knudson*, Clark University, *Transferring Risk: The Construction of Index Insurance for Agriculture*.

Discussant(s): Jonathan Everts, Universität Bayreuth

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1458. The Geography of Health Care Availability

- Room:** *Empire Ballroom East, Sheraton, Second Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Janthima Srisombat
12:40 Nathan Heard*, U.S. Department of State, *The Geography of Coordination and Integration in the U.S. Global Health Initiative*.
1:00 Nirav N Patel*, University of Florida, *Accessibility of Pharmaceutical Drugs for HIV and TB Treatment in Critical Areas of Ahmedabad, India*.
1:20 Philippe Amstislavski*, SUNY; Ariel Matthews, SUNY; Sarah Sheffield nycrx.org, NYCrx, *Equity in Access to Pharmaceuticals for the Uninsured in New York City*.
1:40 Kimberly Devotta, MA Candidate*, McMaster University; John Eyles, PhD, McMaster University, *Environmental Influences on Patient Satisfaction and Attitudes Towards Breast Cancer Care: A Regional Cancer Centre Case Study*.
2:00 Janthima Srisombat*, University of North Texas; Joseph Oppong, Professor, Geography, University of North Texas, *HIV/AIDS Prevalence, Service Providers, and Socioeconomic Status in Texas*.

1459. Urban Identities I: Identity, Struggle, and The Right to the City (Sponsored by Urban Geography Specialty Group)

- Room:** *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)
ORGANIZER(S): Bradley Gardener, CUNY Graduate Center
CHAIR(S): Bradley Gardener, CUNY Graduate Center
12:40 Kavita L. Ramakrishnan, PhD Candidate*, University of Cambridge, *Envisioning City Futures: Aspirations and Urban Imaginaries in Delhi*.
1:00 Christopher M Johnson*, The London School of Economics and Political Science, *We're from the favelas but we're not favelados: Evolving racial discourse in Salvador Brazil*.
1:20 Solange Munoz, PhD Candidate*, University of Texas - Austin, *Women, Gender Roles and the Struggle for a Place in the City*.
1:40 Trushna Parekh*, University of Kentucky, *Being-in-Tremé: Gentrification, Identity, and Neighborhood life*.

1460. Vegetation Dynamics III (Sponsored by Biogeography Specialty Group)

- Room:** *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)
ORGANIZER(S): Adam Naito, Texas A&M University; William Flatley, Texas A&M University
CHAIR(S): Adam Naito, Texas A&M University
12:40 James Dyer*, Ohio University; Gaurav Sinha, Ohio University, *A New Relative Moisture Index to Assess Field Sites*.
1:00 Grant Elliott*, University of Missouri; C. Mark Cowell, University of Missouri, *Climatic water budget and regeneration dynamics at upper treeline: A comparison between the Central and Southern Rocky Mountains*.
1:20 Ashley S Lowcock*, Queen's University; Ryan K Danby, Queen's University, *Applications of Dendroecology in Tracking Pond Ecotone Dynamics, Southwestern Yukon*.
1:40 Adam Naito*, Texas A&M University; David Cairns, Texas A&M University, *Historic shrub patch dynamics in Arctic Alaska*.

1461. Working with Freedom: Learning about innovative risk mediation strategies from entrepreneurs in creative industries I (Sponsored by Economic Geography Specialty Group)

- Room:** *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Brian Hracs, University of Toronto; Melanie Fasche
CHAIR(S): Brian Hracs, University of Toronto
12:40 Jessica R Barnes*, The Ohio State University, *Cashing in on casual artists: How aspirants provide sustainable livelihoods for established artists*.
1:00 Jenny Sjöholm*, Department of Social and Economic geography, Uppsala University, *From the studio to the scene: capital, credit and credibility in the process of making art work*.
1:20 Melanie Fasche*, HafenCity University Hamburg, *"Art for the people" - Learning from the fabulous career of the street artist Thierry Guetta alias Mr. Brainwash*.
1:40 Jaewoo Joo, Ph.D.*, Assistant Professor of Marketing, College of Business Administration, Kookmin University; Soren Petersen*, ingomar&ingomar - consulting, *Learning about innovative risk mediation strategies from entrepreneurs in creative industries*.
Discussant(s): Tara Vinodrai, University of Waterloo

1462. A Discussion on the Role of Race in Critical Geography I (Sponsored by AAG ALIGNED Diversity Project)

- Room:** *Carnegie Suite West, Sheraton, Third Floor* (Panel Session)
ORGANIZER(S): Ellen Kohl, University of Georgia; Priscilla McCutcheon, University of Connecticut
CHAIR(S): Ellen Kohl, University of Georgia
Discussant(s): Julie Guthman, Univ of California Santa Cruz
Panelists: Julie Sze, UC Davis; Juan De Lara, University of Southern California; Carolyn Finney, University of California Berkeley; Nik Heynen, University of Georgia; Alison Hope Alkon, University of California, Davis

1463. The Transnational Dimension of Contemporary Urban Development: Ideas, Trajectories, and Actors (I)

- Room:** *Liberty I, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Monika Grubbauer
CHAIR(S): Monika Grubbauer
12:40 Frank Eckardt*, Bauhaus-University Weimar, Germany, *Planning Jena: Differences and Communalities in the View of Social Actors*.
1:00 Jason Nu*, University of Wisconsin - Madison, *From Zona Portuária to Porto Maravilha: Waterfront revitalization, a mega-events strategy, and the transnational dimensions of urban redevelopment in the extrospective city of Rio de Janeiro*.
1:20 Tony R Samara*, George Mason University, *Uneven Citizenship: Transnationalism, Space and the City*.
1:40 Xuefei Ren*, The Woodrow Wilson Center, *The Changing Urban Governance in China and India, 1980s-2010s*.
2:00 Susanne Heeg*, Goethe University Frankfurt; Ute Lehrer, York University; Bernd Belina, Goethe University Frankfurt; Roger Keil, York University; Christof Mathias, Goethe University Frankfurt, *Finding competitiveness within: regional globalization in Frankfurt and Toronto*.

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- 1464. Science, Knowledge and Participatory Space I**
Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Chui-Ling Tam, University of Calgary;
 Gwendolyn Blue, University of Calgary
 CHAIR(S): Chui-Ling Tam, University of Calgary
12:40 Gwendolyn Blue*, University of Calgary, *Public engagement, climate governance and scientific citizenship*.
1:00 Haruna Suzuki*, UNC Chapel Hill, *Of Experts and Islands: Problematizing Science and its Production in the Galapagos Islands*.
1:20 Mark W. Neff, Ph.D*, Allegheny College, *Tensions Between the Global and the Local in Coral Reef Research Priority-Setting*.
1:40 Maria Akerman*, Tampere University, *Ecological Knowledge, Affects and Agency in Memories*.
2:00 Chui-Ling Tam*, University of Calgary, *The Janus Face of Conservation as Development*.
- 1465. Planning Urban Spaces in Latin America (Sponsored by Latin America Specialty Group)**
Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Craig Revels, Central Washington University
 CHAIR(S): Samuel Cortez, San Diego State University
12:40 Quinn P Dauer*, Florida International University, *Reconstructing the City: Rebuilding the Nation*.
1:00 Michael Lukas*, Helmholtz Centre for Environmental Research, *Planning, Power/Knowledge and the Political Economy of New Urbanism in the South: The Case of Santiago de Chile*.
1:20 Glauco Bienenstein*, Universidade Federal Fluminense; Bienenstein Glauco, Professor, Universidade Federal Fluminense, *Towards a City of Exception: The Case of Rio de Janeiro in an Age of Sporting Mega-events*.
1:40 Antonio Lista*, UIC Barcelona, *Heritage-based planning in Bogotá Savanna*.
- 1466. GaWC's Interlocking Network Model - Foundations, Applications, and Critiques - 1 (Sponsored by Urban Geography Specialty Group)**
Room: *Liberty 4, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Ben Derudder, Ghent University
 CHAIR(S): Frank Witlox, Ghent University
12:40 Christof Parnreiter*, University of Hamburg, *Global cities, economic governance, and the limitations of the 'interlocking network model'*.
1:00 Kathryn Pain, Professor*, School of Real Estate & Planning, University of Reading, UK; Claudia B Murray, Dr*, University of Reading; Sandra Vinciguerra*, School of Real Estate & Planning, The University of Reading, *Producing the GaWC interlocking world city network*.
1:20 Anneleen De Vos*, Ghent University; Ben Derudder, Ghent University; Frank Witlox, Ghent University; Arthur S. Alderson, University of North Carolina; Jason Beckfield, Harvard University; Peter J. Taylor, Northumbria University, *Connectivity in the world city network: a comparison of measurement frameworks based on the geographies of multinational corporations*.
1:40 Kati Volkmann*, TU-Dortmund; Anna Growe, TU Dortmund, *Global City-ness and World City-ness in the German urban system, Comparing centrality and metropolitan importance in the German urban system*.
- 1467. Relational masculinities I: embodiment, homespaces and the family (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**
Room: *Liberty 5, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Peter Hopkins, Newcastle University, UK; Michael J Richardson, Newcastle University
 CHAIR(S): Michael J Richardson, Newcastle University
12:40 Mary Gilmartin*, NUI Maynooth, *Men, masculinities and the crisis of migration*.
1:00 Inken Carstensen-Egwuom*, University of Bremen, *"To be a man in a family like this...it is not easy". Renegotiating masculinity - Nigerian immigrant men in Germany*.
1:20 Robert Wilton*, McMaster University, *'The men learn how to live here': Masculinity, place and addiction treatment*.
1:40 Deborah Thien, Ph.D*, California State University, Long Beach; Vincent Del Casino*, University of Arizona, *(Un)Healthy Men, Masculinities, and the Geographies of Health*.
- 1470. Surviving 2012: Global environmental change, sociopolitical challenges & prospects for constructive engagements [in Rio, Washington, Durban & local communities] SESSION 1: Global Governance (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Energy and Environment Specialty Group)**
Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Maxwell Boykoff, University of Colorado; Diana Liverman, University of Oxford
 CHAIR(S): Tracey Osborne, University of Arizona
 Introducer: Maxwell Boykoff
12:45 Lisa Campbell*, Duke University, *Producing targets for conservation: scale, performance and translation at the 10th Conference of the Parties to the Convention on Biological Diversity*.
1:02 Deborah Scott, JD*, Rutgers University, *Global environmental governance and scientific uncertainty: the case of 'next generation' biofuels*.
1:19 Jesse Ribot*, University of Illinois, *Toward a Sociology of Climate Change Risk*.
1:36 Diana Liverman*, University of Arizona; Karen O'Brien, University of Oslo, *Rethinking the agenda for international research collaboration for global environmental change and sustainable development: the Earth System Sustainability Initiative*.
1:53 Heather C Lovell*, University of Edinburgh, *Setting standards for forest carbon*.
- 1471. Geographies of Waste (3) Bodies and Local Practices (Sponsored by Cultural Geography Specialty Group, Energy and Environment Specialty Group)**
Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alan Metcalfe, University of Portsmouth
 CHAIR(S): Alan Metcalfe, University of Portsmouth
12:40 Uli Beisel*, London School of Hygiene and Tropical Medicine, *Provincialising Waste - the transformation of ambulance car 7/83-2 to tro-tro Dr.JESUS*.
1:00 Devin Reitsma, MCRP*, Willis Elkins, *Synthetic Tumbleweeds in the North American Food Desert*.
1:20 Alan Metcalfe*, University of Portsmouth; Mark Riley, Liverpool University, *Accommodating Waste*.
1:40 Mike Dimpfl*, UNC Chapel Hill, *From the Waste Down: Standing at the Intersection of Alternative Toilet Technology, Household Sewage, and Watershed Management Policy*.
2:00 Margaret C Morales Corrigan*, University of British Columbia - Institute for Resources, Environment, and Sustainability, *Wastewater Management and Gender in the Villas of Buenos Aires*.

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1472. Time-Geographic Analysis of Urban Social Sustainability (Sponsored by Transportation Geography Specialty Group)

- Room:** Madison Suite 2, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Steven Farber, University of Utah; Tijs Neutens, Ghent University
CHAIR(S): Steven Farber, University of Utah
12:40 Juan Antonio Carrasco*, Universidad de Concepcion; Carolina Rojas, Universidad de Concepcion; Alejandro Tudela, Universidad de Concepcion; Cristian Bustos, Universidad de Concepcion, *Personal networks, income and urban context: Studying social activity spaces in a Chilean city.*
1:00 Fariya Sharmeen*, Eindhoven University of Technology; Theo Arentze, Eindhoven University of Technology; Harry Timmermans, Eindhoven University of Technology, *Changing Life-Cycle Events and Dynamics of Social Network: First Empirical Analyses of Two Consecutive Events.*
1:20 Ifigeneia Psarra*, Urban Planning Group, Eindhoven University of Technology, P.O.Box 513, 5600 MB Eindhoven, the Netherlands; Harry Timmermans, Prof. Dr., Urban Planning Group, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, the Netherlands, *Effects of Endogenously Triggered Changes on Dynamic Repertoires of Activity-Travel Behavior: Literature Review and Conceptualization.*
1:40 Steven Farber*, University of Utah; Tijs Neutens, Ghent University; Harvey J. Miller, University of Utah, *A Metric for the Social Interaction Potential of Metropolitan Regions: a Time-Geographic Approach Using Joint Accessibility.*
2:00 Tijs Neutens*, Ghent University; Steven Farber, University of Utah; Matthias Delafontaine, Ghent University; Kobe Boussauw, Ghent University, *Urban form and social capital: an empirical study of the geography of social interaction potential in Flanders (Belgium).*

1473. Geographies of Gender in Latin America (Sponsored by Geographic Perspectives on Women Specialty Group)

- Room:** Madison Suite 3, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia
CHAIR(S): Mari Galup, University of Arizona
12:40 Lis Pankl*, Kansas State University; Kevin Blake, PhD, Kansas State University, *Frida Kahlo as Emerging Mexican Symbol.*
1:00 Keri Agriesti*, Virginia Tech; Maria Elisa Christie, Dr., Virginia Tech; Rubén Botello, Fundación PROINPA ? Foundation for Research and Promotion of Andean Products, *Gender, Local Soil Knowledge, and Access to Resources in the Andean Region, Bolivia.*
1:20 Kathryn Moeller, M.A. *, University of California, Berkeley, *Investing in Inequality? Analyzing Corporations as New Development Actors through "The Girl Effect".*
1:40 Marina Elissa Islas, M.A. *, University of Texas at Austin, *"Para un futuro a nos hijos": Participation in Community-Driven Development and the Renegotiation of Domestic Labor.*
2:00 Mari Galup*, University of Arizona, *Making connections: Struggles over earth and the body.*

1474. Geographic Exclusion, Ethnicity, and Race in North America

- Room:** Madison Suite 4, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Carl Hakansson
12:40 Kenneth French*, University of Wisconsin-Parkside, *Historical-Geography of Italian-Americans in Kenosha, Wisconsin.*
1:00 Anne McTavish*, San Francisco State University, *Using maps to Examine Four Methods the US Government used to Distribute Wintu Indian Territory in Northern California after Statehood: 1850 - 1900. Cession Treaties, Private Land Claims, Railroad Land Grants, and Dawes Act Allotments for Homeless Indians.*
1:20 Jason Rhodes*, Department of Geography, University of Georgia, *Finding Value in Racism: The Spatial Choreography of Black & White in 1920s Atlanta.*
1:40 Carl Hakansson, J.D. *, Framingham State University, *Indian Land Fractionation since the Indian Probate Reform Act of 2004.*

1475. Human-Plant Geographies III: Governing Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)

- Room:** Madison Suite 5, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University
CHAIR(S): Jennifer M Atchison, University of Wollongong
12:40 Kathleen Buckingham*, University of Oxford, *Who's Sustainability Counts? Reflections on an Indian oasis and the drive for certified bamboo.*
1:00 Sarah M.L. Walker*, Carleton University, *They Pushed From Below: Propaganda, Production, and Urban Agriculture During Canada's World Wars.*
1:20 Catherine Phillips, PhD (EnvSt)*, University of Wollongong, *Moving Plants: boundaries, becomings, and valuations in fruit fly (and plant) management.*
1:40 Rebecca Enderby*, King's College London, *New power, old plants: socio-ecological resilience and the revaluing of indigenous biofuel species.*
Discussant(s): Lesley Head, University of Wollongong

1476. China's economy and region: firm, location, and trade: 1 (Sponsored by China Specialty Group, Asian Geography Specialty Group, Economic Geography Specialty Group)

- Room:** Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Wei Xu, University of Lethbridge
CHAIR(S): Zhiyong Hu, The University of Hong Kong
12:40 Nian Su*, School of Geography and Planning, SYSU; Desheng Xue, School of Geography and Planning, SYSU, *The Spatial Distribution of Transnational Organizations in the City of Mainland China.*
1:00 Zhiyong Hu, Dr. *, The University of Hong Kong, *The Geography of China's Private Economy, 2001-2008: An Empirical Examination.*
1:20 He Wang*, Syracuse University, *Nested Geographies--the State, TNCs and the Development of the Chinese Automotive Industry.*
1:40 Koichiro Kimura*, Institute of Developing Economies (IDE), *Industrial Development and Locality Advantage: A Case of China's Mobile Industry.*
2:00 Zhiqiang Liu*, University of Connecticut, *The Determinants of Geographical Concentration of Manufacturing Industries in China.*

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1477. Hazards, Vulnerabilities and Human-Environment Interaction
Room: *Park Suite 1, Sheraton, Fifth Floor* (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ryan Good, University of Florida

12:40 Weimin Que*, *Geographical Perspective on Potencial Mining Heritage in Zhejiang Province, China.*

12:45 Sangjun Kang, Ph.D., Gyeonggi Research Institute; Woonsup Choi, Ph.D.*, University of Wisconsin-Milwaukee, *Spatial characteristics of storm damage in rice paddy and residential areas in Gyeonggi-do (province), Korea.*

12:50 Firooza Pavri*, University of Southern Maine, *Land use change and freshwater sustainability for the Sebago Lake watershed, Maine.*

12:55 Melissa Songer, Ph.D., M.S.*, Smithsonian Conservation Biology Institute; Sarah Doyle, Smithsonian Conservation Biology Institute; Melissa Groo, Save the Elephants; Christie Sampson, Smithsonian Conservation Biology Institute; Marshall Jones, Smithsonian Conservation Biology Institute; Peter Leimgruber, Smithsonian Conservation Biology Institute, *Using online data and software to analyze and monitor human-elephant conflict in Asia.*

1:00 David Rutherford, Ph.D.*, University of Mississippi, *The role of ideology in communications about climate change and environmental topics.*

1:05 Judith Stamp, Ph.D in Agroforestry in Zimbabwe*, retired, *Applied Geography Revisited: The Legacy of Sir L. Dudley Stamp.*

1:10 Janet Puhalla*, Saginaw Valley State University, *The future of wetland agriculture in Uganda: adapting to climate change.*

1:15 Adelle Thomas*, Rutgers University, *Small Hoteliers, Globalization and Environmental Change.*

1:20 Micah L Brachman*, University of California, Santa Barbara, *Tsunami Evacuation Route Accessibility in Thailand.*

1:25 Anna Versluis, PhD*, Gustavus Adolphus College, *Formal and Familial Material Aid Following the 2010 Earthquake Disaster in Haiti.*

1:30 Nicholas Campiz*, University of Florida Department of Geography, *Utilizing an islands studies approach to local government development in the Caprivi Strip of Namibia.*

1:35 Mario A. Mighty, B.Sc., M.A.*, University of Florida, *Development Policy, Land Cover Change and Jamaica's Blue Mountain Coffee - Exploring the linkages.*

1:40 Lara MP Bryant, PhD*, Keene State College, *Probing Personal Perspectives on Public Policy.*

1:45 Carolina Rojas Quezada*, Department of Geography, University of Concepción; Joan Pino Vilalta, Centre for Ecological Research and Forestry Applications (CREAF), *Land Sustainability Assessment: Urbanization Pressure in the Landscape of Metropolitan Area of Concepción (Chile).*

1:50 Ryan Z. Good*, University of Florida, *Conservation vs. Development: Competing Interests in the Proposed Construction of the Serengeti Highway.*

1478. Housing, Land, and Urban Transformation in China III (Sponsored by China Specialty Group, Population Specialty Group, Urban Geography Specialty Group)

Room: *Park Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Youqin Huang, SUNY - Albany

CHAIR(S): Youqin Huang, SUNY - Albany

12:40 Fubing Su*, Vassar College, *Rural Land Development Rights in China: State Fragmentation and Rights Contestation.*

1:00 Mi Shih*, University of Technology, Sydney, *New Frontier of Urban Renewal and Persistent Space of Urban*

Informality: Transfer of Development Rights in a Metropolitan Area in Taiwan.

1:20 Enru Wang*, University of North Dakota, *The Jobs-Housing Relationship and Commuting in Beijing: An Updated Study.*

1:40 Pu Hao*, Utrecht University; Pieter Hooimeijer, Utrecht University; Richard Sliuzas, University of Twente; Stan Geertman, Utrecht University, *What Drives the Development of Urban Villages?.*

2:00 Lili Wang*, Ohio State University, *The Embedded Chinese State: Understanding Homeowners' Resistance in China.*

1479. International Partnerships in Community-related Environmental and Sustainability Research and Education: Ethical, Structural and Institutional Issues of Collaboration (Sponsored by Africa Specialty Group, Energy and Environment Specialty Group)

Room: *Park Suite 3, Sheraton, Fifth Floor* (Panel Session)

ORGANIZER(S): Suzanne Walther, Utah Valley University

CHAIR(S): Suzanne Walther, Utah Valley University

Introducer: Suzanne Walther

Discussant(s): Suzanne Walther, Utah Valley University

Panelists: Loren Intolubbe-Chmil; Iddrisu Adam, University of Wisconsin - Marshfield Campus; Scott Justo, Worcester Polytechnic Institute; William Forbes, Stephen F. Austin State University

1480. Political Ecology

Room: *Park Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nancy Villanueva Colón, University of Puerto Rico

12:40 Martha E Geores*, University of Maryland; Christina Prell, Asst Professor, University of Maryland, Dept of Sociology; Klaus Hubacek, Professor, Dept of Geography; Kuishuang Feng, Researcher, Dept of Geography, University of Maryland, *World system theory and CO2 emissions.*

1:00 Young Rae Choi*, The Ohio State University; Joel Wainwright, The Ohio State University, *What constitutes 'green growth?': South Korea's accumulation strategy in an era of climate change.*

1:20 Alexandra Anda*, Carlos F. Mena, PhD, Geography, Universidad San Francisco de Quito (USFQ) & University of North Carolina at Chapel Hill (UNC-CH), *Mining, Development and Post-Neoliberalism in Ecuador: An Analysis of Correa's Political Discourse.*

1:40 Nancy Villanueva-Colón, Ph.D.*, University of Puerto Rico at Bayamon, *Where should we bury it? Social and Environmental Implications Solid Wastes Disposal Policies in Puerto Rico.*

1481. Medical Geography: The Exporation of Abuse

Room: *Park Suite 5, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Francis Markham

12:40 Junfang Chen*, Texas State University, *Understanding Obesity Epidemic in Geographical Perspective.*

1:00 Bruce Doran*, Fenner School of Environment and Society; Martin Young, Southern Cross University, *Predicting the spatial distribution of gambling harm in remote contexts.*

1:20 Jamie Pearce*, University of Edinburgh; Ross Barnett, University of Canterbury; Graham Moon, University of Southampton, *Smoking Geographies: Space, Place and Tobacco.*

1:40 Aaron Gilbreath*, University of Kansas, *The Geography of Methamphetamine Between Prohibition and "Reemergence."*

2:00 Francis Markham*, Menzies School of Health Research, *Spatial dimensions of alcohol regulation in a remote Australian town.*

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1501. New Perspectives to Paleoenvironmental Change and Geoarchaeology II (Sponsored by Paleoenvironmental Change Specialty Group, Geomorphology Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Matthew Peros, Bishop's University; Timothy Beach, Georgetown University

CHAIR(S): Matthew Peros, Bishop's University

2:40 Valery Terwilliger*, University of Kansas; Zewdu Eshetu, University of Addis Ababa; Marcelo Alexandre, Universidade Federal de Sergipe; W Paul Adderley, University of Stirling; Jean Robert Disnar, Institut des Sciences de la Terre d'Orléans; Jeremy Jacob, Institut des Sciences de la Terre d'Orléans; Marilyn Fogel, Geophysical Laboratory, Carnegie Institution of Washington, DC, *What do the Hydrogen and Carbon Isotopic Compositions of Crusgallin Have to do with the Rise and Fall of Civilizations in the Northern Ethiopian Highlands?*

3:00 Ezgi Akpinar Ferrand*, Southern Connecticut State University; Nicholas P. Dunning, PhD, University of Cincinnati, *Use of Aguadas as Water Management Sources in Two Southern Maya Lowland Sites.*

3:20 Sheryl Luzzadder-Beach, PhD*, George Mason University; Timothy P Beach, PhD, Georgetown University; Stanley L Walling, PhD, Community College of Philadelphia; Fred Valdez, PhD, University of Texas-Austin; Douglas A Howard, PhD, United States Geological Survey; Jonathan M Flood, George Mason University; Katarina Z Doctor, George Mason University, *Tracing Paleoenvironmental Change in the Maya Lowlands: The Chawak But'o'ob and Sierra de Agua Wetland Field Complexes.*

3:40 Loren Davis*, Oregon State University, *Paleoprecipitation Patterns and Geoarchaeological Patterns in the Lower Salmon River Canyon, Idaho.*

4:00 Jonathan Michael Flood*, George Mason University, *Water Chemistry and Ritual at the Temples of Apollo at Didyma and Claros.*

1503. International Students and Faculty (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Heike C. Alberts, University of Wisconsin-Oshkosh

CHAIR(S): Heike C. Alberts, University of Wisconsin-Oshkosh

2:40 Wan Yu*, Arizona State University, *Brain Circulation of Global Talents? Students Migrants Between China and the U.S.*

3:00 Yixi Lu*, University of Saskatchewan, *Adaptation to Canada and Propensity to Stay: The Transition from Student Status to Permanent Residency in Canada.*

3:20 Heike C. Alberts*, University of Wisconsin-Oshkosh, *Return Migration Intentions of German Faculty in the United States.*

3:40 Rebecca Theobald*, University of Colorado Colorado Springs, *International Faculty: A source of diversity.*

Discussant(s): Micheline Van Riemsdijk, University of Tennessee

1504. Population and development in the United Nations context (Sponsored by Population Specialty Group, United Nations Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Sabine Henning, United Nations

CHAIR(S): Kam Chan, University of Washington

Introducer: Sabine Henning

2:45 Frank Swiaczny*, Federal Institute for Population Research, Germany, *The World at 7 Billion: A Global Challenge?*

3:00 Danan Gu*, UN-DESA; Patrick Gerland, United Nations, DESA, Population Division; Kirill Andreev, United Nations, DESA, Population Division; Nan Li, United Nations, DESA, Population Division; Thomas Spoorenberg, United Nations, DESA, Population Division; Chandra Sekhar Yamarthy, United Nations, DESA, Population Division; Gerhard Heilig, United Nations, DESA, Population Division, *How Do World's Cities Grow, 1950-2025?*

3:15 Sara Hertog*, UN-DESA, *Decomposing global disparities in life expectancy: which causes of death produce the greatest inequities in longevity?*

3:30 Sabine Henning*, United Nations, *International migration: Recent levels and trends, and the United Nations agenda.*

3:45 Jorge Bravo*, UN-DESA, *New estimates of the world urban and rural population by age and sex.*

1505. Honouring Neil Wrigley (part 2) (Sponsored by Economic Geography Specialty Group)

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Gordon L. Clark, University of Oxford; Susan M. Christopherson, Cornell University

CHAIR(S): Gordon L. Clark, University of Oxford

2:40 Alex Hughes*, Newcastle University, *Retailers, supply networks and changing articulations of ethicality: lessons from South Africa.*

3:00 Steve Wood*, University of Southampton, *Revisiting the Consolidation Wave in US Food Retailing of the 1990s: Regulation, Format Innovation and Spatial Outcomes.*

3:20 Nebahat Tokatli*, New School University, *Doing a Gucci: the transformation of an Italian retailer into a global powerhouse in a 'Los Angeles-izing' world.*

3:40 Dariusz Wojcik*, School of Geography and the Environment, Oxford University, *Geography of Economic Ideas.*

4:00 Betsy Donald*, Queen's University, *Food Retail and Access after the Crash.*

1506. Vectors, Disease, and the Human-Made World II (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Health and Medical Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Paul Robbins, University of Arizona; Andrew Comrie, University of Arizona

CHAIR(S): Andrew Comrie, University of Arizona

2:40 Paul Leisnham*, University of Maryland; Zara Dowling, University of Maryland; Peter Armbruster, Georgetown University; Shannon LaDeau, Cary Institute of Ecosystem Studies, *Linking Resident Knowledge, Attitudes and Practices Regarding Mosquitoes to Socioeconomic Factors and Vector Control.*

3:00 Melinda Butterworth*, University of Arizona; Nicolena vonHedemann*, University of Arizona; Paul Robbins, PhD, University of Arizona, *Cultivating Insects: Yards, Mosquitoes, Bodies and Blame in Urban Landscapes.*

3:20 Eric D. Carter*, Grinnell College, *Technocratic Mastery of Socionature? The Tennessee Valley Authority's Malaria Control Program.*

3:40 Shannon L LaDeau, PhD*, Cary Institute of Ecosystem Studies, *Ecological complexity and disease vectors: Phenology and composition of urban mosquito communities in Baltimore.*

4:00 Brian King*, The Pennsylvania State University, *Disease as shock, health as experience: social and ecological responses to HIV/AIDS in Sub-Saharan Africa.*

FRIDAY, FEBRUARY 24 • 2:40 PM - 4:20 PM • 1500**1507. Practicing Geography: Careers for Enhancing Society and the Environment (Sponsored by Enhancing Departments and Graduate Education project (EDGE))**

Room: Concourse G, Hilton, Concourse Level (Interactive Short Paper Session)

ORGANIZER(S): Michael N. Solem, Association of American Geographers

CHAIR(S): Kenneth Foote, University of Colorado

Introducer: Michael N. Solem

2:45 Alyson Greiner*, Oklahoma State University, *Career Planning for Geographers: Multiple Pathways, Promising Destinations.*

2:50 Joseph J. Kerski*, Esri, *Geography Education and Career Readiness: If Geography Is Everywhere, Aren't We All Geographers?.*

2:55 Tina Cary*, Cary and Associates, *Professional Networking.*

3:00 William Bass, GISP*, Houston-Galveston Area Council; Rich Quodmine, NYSDOT, *Practicing Geography in State and Local Government.*

3:05 Michael F Ziolkowski*, The College at Brockport -- SUNY, *Geography Careers in Large Businesses and Corporations.*

3:10 Susanne C. Moser*, Susanne Moser Research & Consulting, *Consulting: Practicing geography in liminal spaces.*

3:15 Janice Monk*, University of Arizona, *"Work" and "Life:" Crossing Boundaries of Time, Space, and Place.*

3:20 Francis Harvey*, University of Minnesota - Minneapolis, *Professional Ethics: Their Applied and Practical Importance for Geographers.*

1508. Spirituality and Sacred Spaces

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Devinder Singh, Department of Geography,

2:40 Anne Z Parker, PhD*, Naropa University, *Reassessing Preservation of Sacred Sites: the sacred geometry of the Great Stupa of Swayambhunath, Nepal.*

3:00 Christina N Bazzaroni*, Florida International University, *Spirituality in Hip Hop: A Case Study (Research Proposal).*

3:20 Brad Huff*, Florida State University, *Communities of Practice - Productive Sites for Cultural Landscape Research.*

3:40 Devinder Singh*, Department of Geography, *Reinventing agency, sacred geography and community formation : Case of Displaced Kashmiri Pandits in India.*

4:00 John Abiel Benitez*, University of Kentucky, *A "New" Geography of Religion? Mainline Religion and Hispanic Outreach in the Modern U.S.*

1510. Hurricanes IV: Paleotempestology/Geomorphic Impacts (Sponsored by Paleoenvironmental Change Specialty Group, Coastal and Marine Specialty Group, Climate Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Harry Williams, University of North Texas; Kam-Biu Liu, Louisiana State University

CHAIR(S): Harry Williams, University of North Texas

2:40 Thomas A Bianchette*, Louisiana State University; Kam-biu Liu, Louisiana State University; Terrence A McCloskey, Louisiana State University, *Paleoenvironmental reconstruction from Laguna Mitla in coastal Mexico: Challenges, possibilities, and implications for Pacific coast paleotempestology.*

3:00 Kam-Biu Liu, Ph.D.*, Louisiana State University; Thomas A. Bianchette, M.Sc., Louisiana State University; Terrence A. McCloskey, Ph.D., Louisiana State University; Shichen Tao, Ph.D., South China Sea Institute of Oceanology, Chinese Academy of Sciences; Qiang Yao, B.Sc., Louisiana State University; Luis M.

Farfan, Ph.D., CICESE, Mexico; Graciela B. Raga, Ph.D., Universidad Nacional Autónoma de México, *A 6,000-year Sedimentary Record of Hurricane-induced Extreme Events in Baja California Sur, Mexico.*

3:20 Lawrence M Kiage, PhD*, Georgia State University, *The Paleohurricane Record from Tybee Island, Georgia.*

3:40 Harry Williams*, University of North Texas, *Regional Distribution and Magnitude of Hurricane Ike Storm Surge Sedimentation in Texas and Louisiana.*

4:00 Emily Denlinger*, University of North Texas; Harry Williams, Ph. D., University of North Texas, *Preservation of Hurricane Ike Storm Surge Deposits.*

1511. Evolutionary Economic Geography III - Collaboration and Networks of Innovation (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University College Dublin; Stuart Dawley, CURDS, University of Newcastle

CHAIR(S): Arnoud Lagendijk, Radboud University Nijmegen

2:40 Roman Martin*, CIRCLE, Lund University, *Innovation and the nature of networks in differentiated knowledge bases.*

2:55 Rune Dahl Fitjar, Stavanger Centre of Innovation Research, International Research Institute of Stavanger; Andres Rodriguez-Pose*, London School of Economics, *Firm collaboration and modes of innovation in Norway.*

3:10 Pierre-Alexandre Balland*, Utrecht University; Ron Boschma, Utrecht University; Mathijs de Vaan, Utrecht University, *The Dynamics of Interfirm Networks along the Industry Life Cycle: The Case of the Global Video Games Industry 1987-2007.*

3:25 Tom Broekel*, Institute of Economic and Cultural Geography, University of Hanover, *The evolution of subsidized R&D cooperation in Germany from a proximity perspective.*

3:40 Stefano Breschi*, Universita' L. Bocconi, *Net in the city. Co-invention networks and the inventive productivity of US cities.*

Discussant(s): Maryann Feldman

1512. Disqualified places: practices and representations (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Marianne Blidon, Paris 1 University; France Guérin-Pace, Ined

CHAIR(S): Kevin R Cox, Ohio State University

2:40 Hervé Flanquart*, TVES ULCO; Philippe Deboudt, TVES, Lille 1, *A National Park at the Gates of the City: An Analysis of the Socio-Spatial Evolution of the Area.*

3:00 Raphael Pieroni*, University of Geneva -- Departement of geography, *"Sorry for the noise, we're just trying to gentrify".*

3:20 Jacek Kotus*, Adam Mickiewicz University; Michal Rzeszewski*, Adam Mickiewicz University, *Between Negative Stigmatization And Unordered Gentrification Case of One Street of Poznan.*

3:40 Matthieu GIROUD*, University Clermont- Ferrand, CNRS UMR 7218 Lavue - CRH, *Gentrification and the contested representations of the popular.*

Discussant(s): Kevin R Cox, Ohio State University

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1513. Social Media, Research, and Pedagogy (Sponsored by Communication Geography Specialty Group)

- Room:* Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Paul C. Adams, University of Texas at Austin
 CHAIR(S): Katrinka Somdahl-Sands, Rowan University
 2:40 Zoë A Meletis*, University of Northern British Columbia, *Fieldwork, friendship, Facebook, and friction of distance. Reflecting on real and virtual friendships in international fieldwork.*
 3:00 Padini Nirmal*, Clark University, *Understanding Democracy and Development: The Internet as an Alternative Space in Sri Lankan Politics.*
 3:20 Seth Dixon, Ph.D.*, Rhode Island College, *The Social Media Classroom: Bringing Globalization to Geography Education.*
 3:40 Katherine Pritchard, Technical Assistant*, Virginia Tech; John Boyer, Senior Instructor*, Virginia Tech, *Supersizing the Geography Classroom: 3000 Students & Beyond.*
 4:00 Katrinka Somdahl-Sands*, Rowan University; Richard Scenci, Rowan University, *Combating the Orientalist mental map of students one geographic imagination at a time.*

1514. Dark Tourism, Thanatourism, and Dissonance in Heritage Tourism Management (I) (Sponsored by Recreation, Tourism, and Sport Specialty Group)

- Room:* Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Rudi Hartmann, University of Colorado
 CHAIR(S): Rudi Hartmann, University of Colorado
 2:40 Gregory Ashworth*, University of Groningen, *Ethnic conflict: is heritage tourism part of the solution or part of the problem?*
 3:00 Tony Johnston, Dr.*, King's College, London, *Methodologies in thanatourism research.*
 3:20 Avital Biran, Dr*, Ben-Gurion University of the Negev; Yaniv Poria, Prof, Ben-Gurion University of the Negev, *Re-conceptualizing Dark Tourism.*
 Discussant(s): Dallen Timothy, Arizona State University MC 4020

1515. Lessons from the field: reflections on human geography graduate research (Sponsored by Qualitative Research Specialty Group, Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

- Room:* Madison Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Zoe Pearson, The Ohio State University; Emily Billo, Syracuse University
 CHAIR(S): Zoe Pearson, The Ohio State University
 Discussant(s): Timothy Hawthorne, Georgia State University
 Panelists: Nancy Hiemstra, Syracuse University; Andrea Marston; Julianne A Hazlewood, UNESCO; Kevin Grove, Dartmouth College; Emily Billo, Syracuse University

1516. Online Teaching and Learning: Effective Strategies in Teaching Geographical Concepts (Sponsored by Geography Education Specialty Group, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

- Room:* Morgan Suite, Hilton, Second Floor (Interactive Short Paper Session)
 ORGANIZER(S): Antoinette WinklerPrins, Michigan State University; Adrienne D. Goldsberry, Michigan State University
 CHAIR(S): Antoinette WinklerPrins, Michigan State University; Adrienne D. Goldsberry, Michigan State University
 2:40 Juliegh Bookout*, Michigan State University; Adrienne D Goldsberry, Michigan State University; Beth N Weisenborn, Michigan State University; Alan F Arbogast, Michigan State University, *Opening student*

eyes to the geographic perspective.

- 2:45 Osvaldo A Muniz*, Texas State University, San Marcos; , *Using Online Composite Learning Objects in Hybrid Environments.*
 2:50 David P. Lusch, Ph.D.*, Michigan State University, *Experiences Teaching Digital Image Interpretation and Analysis On-Line.*
 2:55 LaDona Knigge*, California State University, Chico, *Google Maps© Favorite Place Map Annotation Exercise.*
 3:00 Jane R. Thorngren, PhD*, San Diego State University, *Use of a Live, Virtual Classroom Environment in an Online Physical Geography Class.*
 3:05 Adrienne D. Goldsberry*, Michigan State University; Juliegh Bookout, Michigan State University; Beth N. Weisenborn, Michigan State University, *Teaching Volunteered Geographic Information in an Online Environment.*
 3:10 Melody W Crenshaw, Ph.D.*, Northwest Vista College, *A Discussion about Discrimination.*
 3:15 Ines M Miyares, PhD*, Hunter College, *Moving Population Geography Online: Tackling Content and Skills Without Publisher Support.*
 3:20 Ola Ahlqvist*, The Ohio State University; Rajiv Ramnath, The Ohio State University; Kathryn Plank, The Ohio State University; Andrew Heckler, The Ohio State University, *GeoGames - online map games for teaching and learning.*
 3:25 Adam B Cinderich*, Michigan State University, *Creating and Assessing Physical Geography Lab Exercises in an Online Environment.*
 3:30 Joy Fritschle*, West Chester University, *Incorporating Sustainability into the Curriculum via Distance Learning.*

1517. Spatial Epidemiology IV: GIS applications and Geocoding (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)

- Room:* Murray Hill Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Eric Delmelle, UNC-Charlotte; Antonio Paez
 CHAIR(S): Antonio Paez
 2:40 Linda Beale, BSc, MSc, PhD*, Esri, *Effective use of GIS for spatial epidemiology and health analysis.*
 3:00 Irene Casas*, Louisiana Tech University; Eric Delmelle, University of North Carolina at Charlotte; Joshua Wexler, University of North Carolina at Charlotte; Jorge Rojas, Secretaría de Salud Pública Municipal (SSPM), Santiago de Cali, Colombia; Alejandro Varela, Secretario de Salud Pública Municipal, Santiago de Cali, Colombia, *GIS for Modeling Spatial, Temporal and Spatio-Temporal Patterns of Dengue Fever Occurrence in Cali, Colombia for 2010.*
 3:20 Kathryn E Lenzer*, University of New Mexico; Paul A Zandbergen, University of New Mexico; Michael E Camponovo, University of New Mexico; Su Zhang, University of New Mexico, *How easy is it to hack a map? A consideration of geospatial privacy and maps using confidential individual-level point data.*
 3:40 Daikwon Han*, Texas A&M University, *Geocoding of Residence History in Epidemiology Research: Assessment and Implications.*
 4:00 William F Wieczorek, PhD*, Center for Health and Social Research, Buffalo State College; Alan M Delmerico, Center for Health and Social Research, Buffalo State College, *Issues in using ZIP code business pattern data as a measure alcohol availability.*

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- 1518. 2012 Distinguished Historical Geographer Plenary Lecture:**
"Tracing One Warm Line Through a Land So Wide and Savage": Fifty Years of Historical Geography in Canada
(Sponsored by Historical Geography Specialty Group)

Room: *Murray Hill Suite B, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Robert Wilson, Syracuse University
 CHAIR(S): Garth Myers, University of Kansas
 Panelists: Graeme Wynn, University of BC

- 1519. Squatting and Social Centers: Resistance and Production of Critical Spaces IV (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: *Nassau A, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Pierpaolo Mudu, University of Rome
 CHAIR(S): Pierpaolo Mudu, University of Rome
 Introducer: Justus Uitermark
 Discussant(s): Eliot Tretter, University of Texas - Austin
 Panelists: Maria Rodo-De-Zarate; Giovanni Piazza, University of Catania; Miguel A. Martínez, University Complutense of Madrid; Thomas AGUILERA, Sciences Po Paris; Amy Starecheski, CUNY Graduate Center; Hans Pruijt, Erasmus Universiteit Rotterdam; Andrea Aureli

- 1520. Moral Encounters in Tourism II (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group)**

Room: *Nassau B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Mary Conran; Kevin M Hannam, University of Sunderland
 CHAIR(S): Mary Conran
2:40 Jennie Germann Molz*, College of the Holy Cross, *Tourism and the moral affordances of social technologies.*
3:00 Hazel Tucker*, University of Otago, *Mind the Gap: Encounters of Multiple Moralities.*
3:20 Matilde Córdoba Azcárate*, Fulbright Postdoctoral Fellow, The Graduate Center, City University of New York, *Tourist space, architectures of escape and the "passive beloved" in contemporary Yucatan (Mexico).*
3:40 Jim Butcher, PhD, FRSA*, Canterbury Christ Church University, *Tourism, ethical consumption and the new politics of lifestyle.*
 Discussant(s): Heather Hindman, University of Texas at Austin

- 1521. Author Meets Interlocutors: "Spaces Between Us: Queer Settler Colonialism and Decolonization" (Sponsored by Sexuality and Space Specialty Group, Indigenous Peoples Specialty Group)**

Room: *Regent Parlor, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): David Seitz
 CHAIR(S): Heidi J. Nast, DePaul University
 Panelists: Scott Morgensen, Queen's University; Jay T Johnson, University of Kansas; Natalie Oswin, McGill University; Sarah Hunt, Simon Fraser University; Sarah De Leeuw, University of Northern British Columbia

- 1523. Land Cover Classification and Applications**

Room: *Sutton Parlor Center, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Xuchu Meng, University of North Carolina, Charlotte
2:40 Trung V Tran*, Department of Geography and Environmental Sustainability, University of Oklahoma; Jason P Julian, Department of Geography and Environmental Sustainability, University of Oklahoma, *Effects of landscape characteristics on subpixel classification.*
3:00 Patrick Danielson*, Stinger Ghaffarian Technologies (SGT); Limin Yang, Consultant, Stinger Ghaffarian Technologies (SGT); Suming Jin, ASRC Research and Technology Solutions; Collin Homer, U.S. Geological

Survey (USGS), *A Method for Improving Classification Accuracy of Crop Classes for the National Land Cover Database 2006.*

- 3:20** Sanchayeeta Adhikari*, Macalester College, *Simulating Forest Cover Changes of Bannerghatta National Park Based on a CA-Markov Model: A Remote Sensing Approach.*

- 3:40** Huiran Jin*, SUNY ESF; Giorgos Mountrakis, SUNY ESF, *Integrating Multi-temporal PALSAR and Landsat Imagery for Land Cover Classification.*

- 4:00** Xuchu Meng*, University of North Carolina, Charlotte, *Representing the complexity of land use and land cover in rapidly urbanizing ecosystem.*

- 1524. Urban and Metropolitan Issues**

Room: *Sutton Parlor North, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Hyunjoon JUN, #1, Hoegi-dong, dongdaemoon_Gu,
2:40 Yonghua Zou*, Temple University; David Bartelt, Temple University, *Housing Markets and Mortgage Lending Patterns across Metropolitan Areas In the Era of Post-Great Recession.*
3:00 Spencer Barnes, Hon. BA; MSc Expected 2012*, University of Western Ontario, *Finding stability in a volatile housing market: protecting personal real estate investments through neighbourhood level diversification.*
3:20 Rebecca J Walter*, Florida Atlantic University, *The Landscape of Prosperity and Poverty in Urban Qualified Census Tracts: Deconcentrating Poverty or Perpetuating Existing Conditions?.*
3:40 Keeanga-Yamahtta Taylor*, Northwestern University; Keeanga-Yamahtta Taylor, Northwestern University, *Racism, Riots and Real Estate: The Political Economy of Black Homeownership in the 1970s.*
4:00 Hyunjoon JUN*, Kyung Hee University; Chulsue Hwang, Kyung Hee University, *Policy-driven gentrification in The New Town Project of Seoul.*

- 1525. The future of the atlas (Sponsored by Cartography Specialty Group)**

Room: *Sutton Parlor South, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Guntram Herb, Middlebury College
 CHAIR(S): Guntram Herb, Middlebury College
 Panelists: Eric H. Losang, Leibniz Institute for Regional Geography; Benoît MARTIN, Sciences Po; James Akerman, The Newberry Library; Delphine Papin, IFG; Stephen Hornsby, University of Maine; Guntram Herb, Middlebury College; Ryan Flahive, John Wiley & Sons, Inc.

- 1528. Doing Geography: Considerations and strategies for field work in lower division, lecture courses (Sponsored by Geography Education Specialty Group, Community College Affinity Group)**

Room: *Grand Ballroom West, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Sarah Goggin
 CHAIR(S): Sarah Goggin
 Panelists: Darrel Hess, City College of San Francisco; Janet Puhalla, Saginaw Valley State University; Derek France, University of Chester; Susan M. Berta, Indiana State University

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1529. Critical Ethnographic Practice: Cross-Disciplinary Conversations

Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)
 ORGANIZER(S): Gillian Hart, University of California, Berkeley
 CHAIR(S): Gillian Hart, University of California, Berkeley
 Panelists: Jean Lave, University of California, Berkeley; Paul Willis, Princeton University; Jennifer Casolo; Gillian Hart, University of California, Berkeley

1530. Climate Change and Indigenous Peoples II: Policies and Responses (Sponsored by Human Dimensions of Global Change Specialty Group, Indigenous Peoples Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian
 CHAIR(S): Randy Peppler, University of Oklahoma
2:40 Markus Seiwald*, University of Salzburg, *REDD and Indigenous Development: The Program Socio Bosque by the Ecuadorian Ministry of Environment.*
3:00 Ma'Ko'Quah Jones*, Dartmouth College, *Oceanic Manifest Destiny: Climate Change, Relocation and Indigenous Peoples.*
3:20 Michael Dunaway*, University of Kansas, *A New Harvest: Mapping Renewable Energy Resources on Native American Reservations.*
3:40 Paula Smith, Graduate Student*, University of Kansas, *Climate Change in Northern Norway: Do Arctic Peoples have the Right to the Cold?*
 Discussant(s): RDK Herman, National Museum of the American Indian

1531. Annual CAPE Plenary Lecture, by Tom Bassett (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Petit Trianon, Hilton, Third Floor (Panel Session)
 ORGANIZER(S): Peter Walker, University of Oregon
 CHAIR(S): Peter Walker, University of Oregon
 Panelists: Thomas J Bassett, University of Illinois

1532. Brokering bodies across borders: Intermediaries and the state in the age of mobility - a Methodology Panel (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Economic Geography Specialty Group)

Room: Rendezvous Trianon, Hilton, Third Floor (Panel Session)
 ORGANIZER(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia; Alison Mountz, Syracuse University
 CHAIR(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia
 Introducer: Mark Lawrence Santiago
 Panelists: Alison Mountz, Syracuse University; Ranu Basu, York University; Richard A Wright, Dartmouth College; Robyn Rodriguez, University of California Davis; Natasha Iskander, New York University; Margaret Walton-Roberts, Wilfrid Laurier University

1533. Urban Green Infrastructure

Room: Trianon Ballroom, Hilton, Third Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Derek Eysenbach, University of Arizona
2:40 Derek Eysenbach*, University of Arizona, *Unraveling Intent and Actuality in LEED-ND's Affordable Housing Credits.*
3:00 Emma Street*, King's College London, *Re-shaping the South Bank: Unravelling the business role in local sustainability planning.*
3:20 Dan Milz*, University of Illinois at Chicago; J. Amy Belaire, University of Illinois at Chicago; Monica A. Farfan, University of Illinois at Chicago; Eric Sweeney, University of Illinois at Chicago; Amélie Y. Davis, Ph.D., University of Illinois at Chicago; Emily

Minor, Ph.D., University of Illinois at Chicago, *Urban Green Infrastructure and the Availability of Ecosystem Services Across Chicago, Illinois, U.S.A.*

3:40 Peter Augustine Tiso*, New York City Department of Parks and Recreation, *Street Tree Stocking Level as Green Infrastructure Planning Tool.*

4:00 Ian C Mell*, Department of Town & Regional Planning, University of Sheffield; Berna Keskin, Department of Town & Regional Planning, University of Sheffield; Sigrid Hehl-Lange, Department of Town & Regional Planning, University of Sheffield; Simone Allin, School of Architecture, Design and the Built Environment, Nottingham Trent University; John Henneberry, Department of Town & Regional Planning, University of Sheffield, *Establishing the economic value of Green Infrastructure to focus the targeting of green investments at a city and city-region scale: case studies from the UK and North-West Europe.*

1535. The Changing Energy Landscapes of North America and Europe - Session 1 (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group, Energy and Environment Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Mike Pasqualetti, Arizona State University; Dan Van Der Horst
 CHAIR(S): Mike Pasqualetti, Arizona State University
2:40 Sven Stremke*, Wageningen University; Renée de Waal, Wageningen University, *Sustainable energy islands? Exploration of alternative futures for two islands in the Dutch Delta Region.*
2:54 Dan Van Der Horst*, University of Birmingham; Saskia Vermeylen, Lancaster University, *landscape and the aesthetic justice of low carbon technologies.*
3:08 Bohumil Frantal, RNDr.*, Institute of Geonics, Czech Academy of Sciences; Eva Novakova, Mgr., Institute of Geonics, Czech Academy of Sciences, *From brownfields to brightfields: converting post-industrial sites into renewable energy landscapes.*
3:22 Jen Fuller*, Arizona State University, *Exploring Representations of Renewable Energy within the Landscapes of Everyday Life.*
3:36 Alain Nadai*, CIRED, France; Olivier Labussière, PACTE, France, *Wind power landscape, between social breakdown and the emergence of a new energy citizenship (Seine-et-Marne, France).*
3:50 Richard Donohue*, UW-Madison, *Renewable Energy Landscapes and the Circulation of Technoscience through Wind Farm Development and Debates.*

1536. Size Matters: theorising and researching the embodied geographies of size 2

Room: Green Room, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Bethan Evans, University of Liverpool; Nicole Mixson-Perez, Florida International University
 CHAIR(S): Rachel Colls, Durham University
2:40 Bethan Evans*, University of Liverpool; Jon Binnie, Manchester Metropolitan University, *Intersectional geo-temporalities of body-size.*
3:00 Jorie Hofstra*, Rutgers University; Heather Batson, Rutgers University, *Bellies Before, After, During, and Through: The Curious Politics of Women's Bodily Self-Representation Online.*
3:20 Deborah McPhail, PhD*, Memorial University of Newfoundland, *The Rural and the Rotund: A Critical Interpretation of Rural Obesity in the Canadian Context.*
3:40 Allyson Mitchell*, York University, *Fat Performance Art in Canada.*

FRIDAY, FEBRUARY 24 • 2:40 PM - 4:20 PM • 1500**1537. Geographies of the Life Course III: Migration & Mobilities (Sponsored by Qualitative Research Specialty Group)****Room:** *Harlem Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Nancy Worth, University of Leeds; Susan Lucas, Temple University

CHAIR(S): Irene Hardill, Northumbria University

2:40 Christophe Imbert*, Université de Poitiers, Ined, UMR Migrinter; Françoise Dureau, UMR migrinter; Hadrien Dubucs, Université Paris 4 Sorbonne - UMR Espace, Nature, Culture; Matthieu Giroud, Université de Clermont-Ferrand, EA Ceramac - UMR LAVUE, *Event history approach to life spaces : the example of circulating individuals between European metropolises.***3:00** Mathieu Petite*, University of Geneva; Mathieu Petite, Université de Genève, *Spatial categorization in life course: the case of residential mobility in Switzerland.***3:20** Anne Leonora Blaakilde, Postdoc, MA, PhD*, Center for Healthy Aging, University of Copenhagen, *AIRM or HIRM? Migration by the end of the life course: A quest for amenities or health improvements?.***3:40** Jenny A Lloyd*, Newcastle University, *"Lone women should exercise the usual caution": the construction and embodiment of risk in the life course narratives of young, solo female backpackers.*

Discussant(s): Susan Lucas, Temple University

1539. Ruinations: Violence, Snafus, Porn**Room:** *Holland Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Angela Last, University College London; Mireille Roddier, Taubman College of Architecture + Urban Planning

CHAIR(S): Angela Last, University College London

Panelists: Andrew Herscher, University of Michigan; Mireille Roddier, Taubman College of Architecture + Urban Planning; Anya Sirota, University of Michigan; Neal White, Bournemouth University; Stephen Graham, Newcastle University

1540. The bicycle city: movement politics and the politics of movement #2**Room:** *Hudson Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): William Lindeke, University of Minnesota

CHAIR(S): Melody Hoffmann

2:40 Rebecca Salois*, Meredith Connelly, *Alternative biking in contemporary China: A study of urban fixed gear cyclists.***3:00** Jason Ponto*, University of Calgary, *Biopower, governmentality, and cycling.***3:20** Herman Tak*, Roosevelt Academy, University of Utrecht, *Neoliberalization of sustainable urban mobility policy in Europe: A critical analysis on smart bike-sharing systems.***3:40** Elora Raymond, PhD Candidate*, Georgia Institute of Technology, *Instants of Community: Bicycling, Risk, and Social Trust.***4:00** Viktoria Wesslowski*, University of Manchester, UK, *The Politics of Cycling Lanes in Santiago de Chile.***1541. Urban Quality of Life Using Remote Sensing and GIScience Approaches (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Landscape Specialty Group)****Room:** *Midtown Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Shanon Donnelly, University of Akron; James Hayes, California State University Northridge

CHAIR(S): James Hayes, California State University Northridge

2:40 Ye Wei*, College of Urban and Environmental Sciences, Northeast Normal University, China; Hongxing Liu, Center for Geospatial Information & Environmental Sensor Networks (GIESN), Department of Geography McMicken College of Arts & Sciences, Universityof Cincinnati; Chunliang Xiu, College of Urban and Environmental Sciences, Northeast Normal University, China, *Analysis of Spatial Structure and Temporal Evolution of the Central Liaoning Urban Agglomeration by using DSMP-OLS night-light and Landsat satellite data.***3:00** Karen Owen, PhD Candidate*, George Mason University, *Indicators of Settlement Type - Planned vs. Slum Communities in Guatemala City.***3:20** Graciela Schneider-Madanes, PhD-DR*, CNRS; Stuart Marsh, PhD, 2Arizona Remote Sensing Center, School of Natural Resources and the Environment, University of Arizona, Tucson; Kyle Hartfield, 2Arizona Remote Sensing Center, School of Natural Resources and the Environment, University of Arizona, Tucson; Ed Curley, Pima county wastewater reclamation department, *A Retrospective Look at 25 years of urban sprawl and water in Arizona: the Tucson basin.***3:40** Jon Christensen*, Stanford University, *Why does nature in the city not scale with the rest of urban life?.*

Discussant(s): Jeffrey Wilson, Indiana University - Purdue University At Indianapolis

1544. The extractive industries and livelihood change in developing countries (Sponsored by Political Geography Specialty Group, Development Geographies Specialty Group)**Room:** *Conference Room B, Sheraton, Lower Level* (Paper Session)

ORGANIZER(S): Roy Maconachie, University of Bath; Gavin Hilson, Lecturer, Environmental Policy

CHAIR(S): Roy Maconachie, University of Bath

2:40 Roy Maconachie, University of Bath; Gavin Hilson, Dr*, University of Reading, *Youth livelihoods, mining and employment in West Africa.***3:00** James Van Alstine, PhD*, University of Leeds, *Relational understandings of 'governance for what and for whom': the extractive industries in sub-Saharan Africa.***3:20** Emma Gilberthorpe*, University of East Anglia, *Erroneous Interventions: Socio-economic Security in Papua New Guinea's Oil Extraction Sector.***3:40** Glenn Banks, PhD (ANU)*, Massey University; Dora Kuir-Ayius, Massey University; David Kombako, University of Papua New Guinea; Bill Sagir, PhD (ANU), University of Papua New Guinea, *Conceptualising mining impacts and corporate community development in Melanesia.*

Discussant(s): Anthony Bebbington, Clark University

1545. Traveling Policies (Sponsored by Urban Geography Specialty Group, Transportation Geography Specialty Group)**Room:** *Conference Room C, Sheraton, Lower Level* (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Michael Minn, University of Illinois

2:40 Diego Silva Ardila*, Universidad Industrial de Santander; University of Illinois at Chicago, *Mobilizing mobility: A taxonomy of Urban Policy Mobility for the case of Bus Rapid Transit (BRT) Systems in Latin America.***3:00** Merlin Anderson*, United States Military Academy, *Is "Good" Good Enough? Investigating the Applicability of Regional Collision Prediction Models Down to the County Level: A case Study of Fairfax County.***3:20** Shuai Ren*, New York University, Robert F. Wagner Graduate School of Public Service; Zhan Guo, Ph.D., New York University, Robert F. Wagner Graduate School of Public Service, *From Minimum to Maximum: What We Can Learn from London's Residential Parking Standard Change.***3:40** Michael Minn*, University of Illinois, *Why Doesn't It Work Here? Geographic Questions about Passenger Rail in the United States.*

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1546. Qualitative GIS Symposium II: Practice and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Mei-Po Kwan, Ohio State University

CHAIR(S): Matthew W. Wilson, University of Kentucky

2:40 Annette M. Kim, Ph.D.*, MIT, *Spatial Ethnography and the Narrative Map*.

3:00 Javier Martinez, Dr.*, ITC, University of Twente.; Gianluca Miscione, ITC, University of Twente; Jeroen Verplanke, ITC, University of Twente, *Capturing Quality-of-Life Conditions with Qualitative GIS*.

3:20 Peter J Davidson, Ph.D.*, University of California, San Diego; Shoshanna Scholar, Clean Needles Now; Mary Howe, Homeless Youth Alliance, *Reflections on the use of qualitative GIS to improve needle exchange services*.

3:40 Megan Dixon*, College of Idaho, *Analysis of Urban Mobility through GIS and Lefebvre: Chinese migrants and Russian locals in St. Petersburg, Russia*.

4:00 Johnathan Rush*, The Ohio State University, *An Online Qualitative GIS for Discovering Oral Histories*.

1547. Time Geography: Theoretical Developments and Applications II (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Shih-Lung Shaw, University of Tennessee

CHAIR(S): Shih-Lung Shaw, University of Tennessee

2:40 Darren M. Scott, PhD*, McMaster University, *A Time-geographic Approach to Route Choice Decision-making*.

3:00 Md Moniruzzaman*, Md Moniruzzaman, McMaster University; Antonio Paez, McMaster University; Catherine Morency, École Polytechnique, Montréal, *Geographical Variations in the Walking Trip Length of Seniors in Montreal, 2003-2008*.

3:20 Tetsuo Kobayashi*, Florida State University; Harvey J Miller, University of Utah, *Similarity measures of space-time prisms*.

3:40 Jie Chen*, State Key Laboratory of Resources and Environmental Information System, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, 100101, China; Shih-Lung Shaw, Department of Geography, University of Tennessee, 304 Burchfiel Geography Building, Knoxville, TN 37996-0925, USA; Feng Lu, State Key Laboratory of Resources and Environmental Information System, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, 100101, China; Yanwei Chai, Department of Urban and Economic Geography, Peking University, 5 Yiheyuan Road, Haidian District, Beijing, 100871, China; Suhong Zhou, School of Geography and Planning, Center for Urban and Regional Studies, Sun Yat-sen University, Guangzhou, 510275, China, *Comparison of people's daily activities in Beijing and Guangzhou, China: a space-time GIS approach*.

4:00 Jed Long*, University of Victoria; Trisalyn Nelson, University of Victoria; Farouk Nathoo, University of Victoria, *Towards A Momentum-Based Probabilistic Time Geography*.

1548. BitCity: Data, Technology and Understanding the City (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Seth Spielman, University of Colorado; Sarah Williams, Columbia University

CHAIR(S): Sarah Williams, Columbia University

2:40 Sarah Williams*, Columbia University, *Here Now : What Facebook and Foursquare Check-in Data can tell us about the City*.

3:00 Budhendra Bhaduri*, Oak Ridge National Laboratory; Olufemi Omitaomu, Oak Ridge National Laboratory; Ian S. Kramer, Oak Ridge National Laboratory; Jeffrey B. Kodysh, Oak Ridge National Laboratory, *CoNECT: A Computational Framework for Energy Efficient Communities*.

3:20 Brian House*, New York Times; Jacob Porway, New York Times; Michael Zimbalist, New York Times, *OpenPaths: a new approach to aggregating personal geographic data*.

3:40 Elizabeth Currid-Halkett*, University of Southern California; Sarah Williams, Columbia University, *Does Proximity Still Matter?: A Study of the Daily Movements of Fashion Workers Using Cell Phone Data and Social Media*.

Discussant(s): Seth Spielman, University of Colorado

1550. Placing Capitalism in Economic Geography: Dick Walker's Influence on Industrial and Regional Research

Room: Conference Room H, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): James McCarthy, Pennsylvania State University; Mary Beth Pudup, University of California, Santa Cruz

CHAIR(S): Mary Beth Pudup, University of California, Santa Cruz

Discussant(s): Richard A. Walker, University of California-Berkeley

Panelists: Eric Sheppard, University of Minnesota - Minneapolis; Erica Schoenberger, Johns Hopkins University; Sarah E Knuth, UC - Berkeley; Michael Storper, London School of Economics; Amy Glasmeier, Massachusetts Institute of Technology; Ruth Wilson Gilmore, CUNY Graduate Center

1551. Polar Geographies II: Environmental Systems and Implications of Climate Change

Room: Conference Room I, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland

CHAIR(S): Andrey Petrov, University of Northern Iowa

2:40 Susan Meerdink*, University of Northern Iowa; Andrey N Petrov, Dr, Arctic Social and Environmental Systems Research Lab University of Northern Iowa; Leonid A Kolpashchikov, Extreme North Agriculture Research Institute; Anna V Pestereva, Arctic Social and Environmental Systems Research Lab University of Northern Iowa, *Taimyr Wild Reindeer Spatial Fidelity and Calving Grounds Dynamics in a Changing Climate*.

3:00 Jonathon Launsbach*, University of Northern Iowa, Geography; Andrey N Petrov, University of Northern Iowa, Geography; Anna Pestereva, University of Northern Iowa, Geography, *Climate Change, Tundra Wildfires and Arctic Livelihoods: A Spatio-temporal analysis of recent trends and possible impacts*.

3:20 Justin Vanderberg*, Pennsylvania State University, *A Ricardian Analysis of How Accessibility Determines Arctic Land Value*.

3:40 Ellen Hatleberg*, George Washington University; Nikolay

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Shiklomanov, George Washington University; Dmitriy Streletskiy, George Washington University, *Looking at Russian Arctic Change in an Integrated Way*.

Discussant(s): Jessica Graybill, Colgate University

1552. Design, Design Activism and the Democratic Production of Future Social Natures Session 2 - Social Natures, Sustainability and Design Activism (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Damian White, RISD

CHAIR(S): Damian White, RISD

2:40 Carl DiSalvo*, Georgia Institute of Technology, *Small-Scale Agriculture and Artisanal Food Production as Design Experiments in Object-Oriented Democracy*.

3:00 Sabine Hielscher*, University of Sussex; Adrian Smith, University of Sussex; Gill Seyfang, UEA, *Spaces of experimentation to engage in practical sustainable actions in the context of community energy and design activism*.

3:20 Guppy Ahluwalia-Lopez*, *The Living Kitchen: Ecology, Everyday Life and the Encultured Space inside a Community Organization in Montreal*.

3:40 Tse-Hui Teh*, University College London, *Reconfiguring Water and Urban Space Using Actor-Network Theory, Co-evolution and Design: A case study in the lower Lea river basin east London*.

4:00 Ignacio Valero, PhD*, California College of the Arts; Lynda Grose, Assistant Professor*, California College of the Arts, *EcoDomics as Praxis: Semiocapitalism, Fashion Design for Sustainability, and the Aesthetic(s) of the Common(s)*.

1553. Critical Geographies of Young People - Globalization, Space and Time IV: Politics and Citizenship (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Tracey Skelton, National University of Singapore; Cheng Yi'en, National University of Singapore

CHAIR(S): Cheng Yi'en, National University of Singapore

2:40 Tracey Skelton*, National University of Singapore, *Being Political/ Doing Citizenship: Young People's Hidden Agential Identities*.

3:00 Caroline Nagel*, University of South Carolina; Lynn A. Staeheli, Durham University, *Public diplomacy and youth citizenship initiatives in contemporary Lebanon*.

3:20 Sophie Hadfield-Hill, Dr*, University of Northampton; Pia Christensen, University of Warwick, *The politics of 'being young' in new sustainable communities*.

3:30 Rebecca Dolhinow*, California State University Fullerton, *Local Spaces of Global Engagement on Campus*.

3:50 Sophia R Bowlby, Dr*, University of Reading; Louise Holt, Dr, Loughborough University; Jennifer Lea, Dr, Loughborough University, *Policies and politics of inclusion and exclusion for young people with socio-emotional differences*.

1554. Urbanization, Climate Change and Hydrology 2: GIS & Modeling (Sponsored by Water Resources Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Daniel Runfola, Clark University; Conor Murphy, National University of Ireland

CHAIR(S): Colin Polsky, Clark University

2:40 Daniel Runfola*, Clark University; Colin Polsky, Clark University; Robert Gilmore Pontius Jr., Clark University; Nick Giner, Clark University; Craig Nicolson, University of Massachusetts Amherst, *Mapping and Modeling Future Water Consumption in Suburban Boston, MA*.

3:00 Lisa Emili*, Penn State; Richard Greene, Northern Illinois University, *New Methods in GIS Modeling of Land Cover Change in Urban Fringe Watersheds*.

3:20 Betsy Breyer*, Portland State University Geography Department; Heejun Chang, Portland State University; Hossein Parandvash, Portland Water Bureau; Patricia Gober, Arizona State University, *Modeling spatial variation in residential water demand in Portland, Oregon and Phoenix, Arizona under climate change scenarios*.

3:40 Michael B. Brady*, Hunter College Geography; CUNY Institute for Sustainable Cities, *Developing a Hydrological Model to Estimate Future Flood Extents for Adaptive Floodwater Management*.

4:00 Sonia Singh*, Portland State University; Sonia Nina Singh, Portland State University; Heejun Chang, Portland State University, *Changes in water quality over a twenty year period: A comparison between Portland, OR and Clark County, WA*.

1556. Advances and Challenges in Digital Elevation Models IV (Sponsored by Coastal and Marine Specialty Group, Spatial Analysis and Modeling Specialty Group, Geomorphology Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Jeffrey J. Danielson, United States Geological Survey; Barry W Eakins, University of Colorado

CHAIR(S): John Brock, USGS

Introducer: John Brock

2:43 Barry W Eakins, PhD*, University of Colorado; Matthew Love, University of Colorado; Raymond J. Caldwell, Bureau of Reclamation, *Building Companion Structured and Unstructured Digital Elevation Models*.

2:48 Christopher Amante*, University of Colorado at Boulder; Barry Eakins, University of Colorado at Boulder; Matthew Love, University of Colorado at Boulder, *Quantifying Digital Elevation Model (DEM) Uncertainty Introduced by Interpolative Gridding*.

2:53 David Donato*, United States Geological Survey, *Using Elevation Data to Downscale Population Estimates for Coastal Louisiana*.

2:58 Kyle McKay, Army Corps of Engineers; Jay J Ratcliff, Army Corps of Engineers; Austin V Davis*, Army Corps of Engineers; Kelly A Burks-Copes, Army Corps of Engineers, *Evolution of Coastal Morphology under Sea Level Rise: A Mid-Atlantic Case Study*.

3:03 Lee Adams*, Central Connecticut State University, *Identification of Land Uses Potentially Inundated by Flood Water in the Event of a Dam Failure*.

3:08 Michael Oimoen*, SGT Contractor to USGS, *Enhanced Methods for Resampling Digital Elevation Models*.

3:13 Kumudan R Grubb, M.S.*, Texas State University - San Marcos; Jennifer LR Jensen, Ph.D., Texas State University - San Marcos, *Optimizing Digital Terrain Model for Lidar-Based Sagebrush Height*.

3:18 Dean Tyler*, United States Geological Survey, *Challenges Encountered During Generation of Hydrologically-Conditioned, High-Resolution Contours Derived from the National Elevation Dataset (NED) and the National Hydrography Dataset (NHD)*.

3:23 Cindy A. Thatcher*, U.S. Geological Survey, National Wetlands Research Center; Samsung Lim, PhD, University of New South Wales, Sydney, NSW, Australia; Dustin Kimbrow, U.S. Geological Survey, Alabama Water Science Center, Montgomery, AL; John Brock, PhD, U.S. Geological Survey, Coastal and Marine Geology Program; Jeffrey Danielson, U.S. Geological Survey, EROS Center, Sioux Falls, SD; BJ Reynolds, U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center, *Accuracy*

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Assessment and Research Applications for Mobile Ground-Based Lidar.

3:28 Jessica DeWitt*, West Virginia University, *Topographic Change in Southern WV due to Surface Mining Practices.*

3:33 Bo Cao*; Baotian Pan; Jie Wang; Guoliang Zhang, *Changes in the elevation and extent of glaciers along the Ningchan and Shuaiguan River, Northeastern Tibetan Plateau, from 1972 to 2011.*

3:38 Guoliang Zhang*; Baotian Pan; Jie Wang; Bo Cao, *Elevation and volume changes of three monsoonal maritime glaciers in Gongga Mountain, southeast of Qinghai-Tibet Plateau.*

1557. The Biopolitics of Resilience: Societies of Control or Production of the Common(s)? I (Sponsored by Political Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Bruce Braun, University of Minnesota - Minneapolis; Karen Bakker, University of British Columbia

CHAIR(S): Bruce Braun, University of Minnesota - Minneapolis

2:40 Matthew Gandy*, University College London, *Sinking cities: the bio-politics of inundation.*

3:00 Michael Flitner*, Bremen University, *Social-ecological resilience on stage: climate change and its discontents.*

3:20 Brian Lindseth*, UCSD, *From Systems Ecology to Energy Security: designing resilience in the "face of the incalculable".*

1558. Territorial Cleansing: The Geopolitical Where of Genocide and Mass Violence

Room: Empire Ballroom East, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Stephen Egbert, University of Kansas

CHAIR(S): Stephen Egbert, University of Kansas

Introducer: Stephen Egbert

Panelists: Austen Thelen, University of Kansas; Nicole Reiz, University of Kansas; William Price, University of Kansas

1559. Urban Identities II: The Creation of and Struggle Against Hegemonic Urban Landscapes (Sponsored by Urban Geography Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Bradley Gardener, CUNY Graduate Center

CHAIR(S): Bradley Gardener, CUNY Graduate Center

2:40 Stephanie Terreni Brown*, University of Edinburgh, *Sanitary urban citizens: exploring imaginations of space, identities and cleanliness in Kampala, Uganda.*

3:00 Serin D. Houston*, Mount Holyoke College, *Masking Inequities, Promoting Growth: Urban Entrepreneurialism and the Creative Class in Seattle, WA.*

3:20 Nathaniel Gabriel*, Rutgers University, *Mending Fences: Constituting the Urban Through Environmental Stewardship.*

3:40 Paul Kirkness*, University of Edinburgh, *From compliance to affirmation: Territorial stigmatization and the possibility of resistance.*

1560. Contemporary Transformations in Public and Market Housing I (Sponsored by Urban Geography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): James Dunn, McMaster University; Martine August

CHAIR(S): Martine August

2:40 Amy Turnbull Khare, Doctoral Student*, University of Chicago, *Will the historical evolution of urban redevelopment projects once again repeat itself?.*

3:00 Lindsay Monk*, University of Victoria, *First Nations'*

housing policy in Canada: privatization and implications for self-determination.

3:20 Laura C. Johnson, PhD*, School of Planning, University of Waterloo, *Whose right of return? Displaced public housing tenants' resettlement experiences in Toronto's Regent Park redevelopment.*

3:40 Madelaine C Cahuas, MA*, McMaster University; James R Dunn, PhD, McMaster University, *Changing place, changing practices: The effects of place destigmatization on social housing residents' personal destigmatization practices.*

4:00 James Dunn*, McMaster University; Patricia J O'Campo, St. Michael's Hospital; Stephen Hwang, St. Michael's Hospital, Toronto; Rahim Moineddin, University of Toronto; Charles Muntaner, University of Toronto; Flora Matheson, St. Michael's Hospital; Magdalena Janus, McMaster University; Paula Smith, St. Michael's Hospital; Katherine Smith, St. Michael's Hospital, *Effects of Housing Redevelopment in Toronto's Regent Park on Health, Social Support and Perceptions of Safety After One Year.*

1561. Working with Freedom: Learning about innovative risk mediation strategies from entrepreneurs in creative industries II (Sponsored by Economic Geography Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Brian Hracs, University of Toronto; Melanie Fasche

CHAIR(S): Brian Hracs, University of Toronto

2:40 Ajay Agrawal, Rotman School of Management, University of Toronto; Christian Catalini*, Rotman School of Management, University of Toronto; Avi Goldfarb, Rotman School of Management, University of Toronto, *Social Frictions in a Flat World: The Geography of Crowdfunding.*

3:00 Kristina Vaarst Andersen*, Roskilde University; Mark Lorenzen, Copenhagen Business School, *Network Position, Family Ties, and Resource Preemption in a Creative Industry: The Case of Bollywood Film Production.*

3:20 Amy Cervenak*, University of Toronto, *Working the Festival: a case study of how independent filmmakers make the most of international film festivals.*

3:40 Cheryl Butler, BA (Hons), ANEA, MITG, PhD*, Eastleigh Borough Council; Paul Spencer, BA (Hons), MA, PGCert*, University of Winchester, *Artist Quarters: A new and unique local authority initiated programme supporting start-up local entrepreneurs in the performing arts.*

Discussant(s): Anne Lorentzen, Aalborg University

1562. A Discussion on the Role of Race in Critical Geography II (Sponsored by AAG ALIGNED Diversity Project)

Room: Carnegie Suite West, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Ellen Kohl, University of Georgia; Priscilla McCutcheon, University of Connecticut

CHAIR(S): Priscilla McCutcheon, University of Connecticut

Discussant(s): Joshua Inwood, University of Tennessee

Panelists: Laura Y. Liu, The New School; Orlando R. Serrano, Jr., University of Southern California; Rashad Shabazz, The University of Vermont; Richard Schein, University of Kentucky

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1563. The Transnational Dimension of Contemporary Urban Development: Ideas, Trajectories, and Actors (II)

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Monika Grubbauer

CHAIR(S): Monika Grubbauer

2:40 Anne Haila*, University of Helsinki, *Guggenheim in Helsinki: franchising as a new mode of city building.*

3:00 Maros Krivy*, University of Helsinki, *Mediating the model of a 'cultural factory': the case of Trans Europe Halles.*

3:20 Oula Aoun*, University of Liege, *Megaprojects in the Arabic world: a reading through the operators of conception and engineering.*

3:40 Erica X.Y. Yap*, National University of Singapore, *The Transnational Envisioning of Marina Bay, Singapore.*

Discussant(s): James Faulconbridge, Lancaster University

1564. Science, Knowledge and Participatory Space II

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Chui-Ling Tam, University of Calgary; Lorri K Krebs, Salem State College

CHAIR(S): Lorri K Krebs, Salem State College

2:40 Isayvani Naicker*, University of Cambridge, *The role of science in issues advocacy for conservation of nature in the fynbos of South Africa.*

3:00 Patrick Gallagher*, Stanford University, *A crisis of value: natural Capital and marine protected areas in the Mesoamerican Reef.*

3:20 Micaela A Smith, M.A. *, University of Southern California, *The Right to Remain: Contesting UNESCO Claims in Local Restoration Strategies of a Colonial Landscape, Salvador da Bahia, Brazil.*

3:40 James Klepek*, Rollins College, *Against the grain: knowledge alliances and resistance to agricultural biotechnology in Guatemala.*

4:00 Lorri K Krebs, PhD*, Salem State University, *Parochialism is your town's positive asset?.*

1565. Disease Incidence in Latin America: Influences and Patterns (Sponsored by Latin America Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Craig Revels, Central Washington University

CHAIR(S): Sophia Giebultowicz, UNC Chapel Hill

2:40 Ivan J Ramirez, PhD*, New College of Florida, Division of Natural Sciences; Sue C Grady, PhD, Michigan State University, Department of Geography, *Measuring El Niño and Climate Impacts on Cholera in Piura, Peru during the 1997-98 El Niño.*

3:00 Petra U Norlund, MS*, CU at Boulder, *A multilevel analysis of spatial patterns of diarrheal disease mortality in Mexico.*

3:20 Drew Cameron, BA, MA Candidate*, American University, *Built Environmental and Geographic Determinants of Diarrheal Disease Among Isolated Afro-Ecuadorian Communities in Esmeraldas Province.*

3:40 Sophia Giebultowicz, M.A. *, UNC Chapel Hill; Michael Emch, PhD, University of North Carolina, Chapel Hill, *The Spatial Epidemiology of Chronic Kidney Disease in Nicaragua.*

1566. GaWC's Interlocking Network Model - Foundations, Applications, and Critiques - 2 (Sponsored by Urban Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Ben Derudder, Ghent University

CHAIR(S): Kathryn Pain

2:40 Elien Van De Vijver*, Ghent University; Ben Derudder, Ghent University; Frank Witlox, Ghent University, *Estimated versus tangible flows in the world city network: an empirical comparison of the GaWC interlocking network model and airline networks.*

3:00 Miaozi Zhao*, South China University of Technology;

Chen Chen, Tongji University; Zhaohua Deng, South China University of Technology, *The Comparison between Airline Network and Advanced Producer Services Network in China.*

3:20 Zachary Neal, PhD*, Michigan State University, *Intercity Linkages in the Interlocking World City Network: How strong is strong enough?.*

3:40 Ben Derudder*, Ghent University; Xingjian Liu, University of Cambridge, *Exploring the Interlocking World City Network: A bipartite network perspective.*

4:00 Michael Bentlage*, Alain Thierstein, Munich University of Technology; Stefan Lüthi, Munich University of Technology, *The German Urban System: Withstanding the Economic Crisis?.*

1567. Relational masculinities II: embodiment, homespaces and the family (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Peter Hopkins, Newcastle University, UK; Michael J Richardson, Newcastle University

CHAIR(S): Peter Hopkins, Newcastle University, UK

2:40 Kim England*, University of Washington; Isabel Dyck, Queen Mary, University of London, *Masculinities, Materialities and the Production of Home Care.*

3:00 Michael J Richardson*, Newcastle University, *Intergenerational approaches to researching men's lives: reflections from Tyneside, in the North-East of England.*

3:20 Andrew Gorman-Murray*, University of Western Sydney, *Bachelor domesticities: contemporary homemaking in single-person households.*

3:40 Dara M Blumenthal, PhD Candidate*, University of Kent, *You Lookin' At Me? The 'intra-action order' of men's public toilets and the (re)production of heteronormative masculinity.*

Discussant(s): Robyn Longhurst, University of Waikato

1568. The Geography of Homelessness

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Melissa J. Rura; Christian Siener, CUNY Graduate Center

CHAIR(S): Christian Siener, CUNY Graduate Center

2:40 Claire Bolton*, University of Georgia, *For I Was a Stranger and You Invited Me In: Homelessness and Catholic Worker Politics in Atlanta.*

3:00 Matthew R Robinson*, Virginia Tech; Robert D Oliver, Virginia Tech, *Telling Local Homeless to "Come To Our House".*

3:20 Peter Self*, University of Kansas, *Housing the "homeless" in Gugulethu and New Crossroads, Cape Town.*

3:40 Carsten Schjoett Philipsen, PhD-fellow*, Roskilde University, *The sense of feeling at home among functional homeless.*

4:00 Christian D. Siener*, CUNY Graduate Center, *"A Rock My Pillow and the Sidewalk My Bed": Homeless Geographies of New York City.*

1570. Surviving 2012: Global environmental change, sociopolitical challenges & prospects for constructive engagements [in Rio, Washington, Durban & local communities] SESSION 2: Market Movements (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Energy and Environment Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Maxwell Boykoff, University of Colorado; Diana Liverman, University of Oxford

CHAIR(S): Michael Goodman, King's College London

2:40 Dustin Mulvaney*, San Jose State University, *Prospecting the Solar Frontier: Decarbonization, Sputnik Moments,*

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& the Political Ecology of the Green New Deal.

3:00 Miriam Gay-Antaki*, University of Arizona, *Engendering the Market: A Feminist Political Ecology of Carbon Projects in Oaxaca, Mexico.*

3:20 V Ernesto Mendez*, University of Vermont; Sebastian Castro-Tanzi, University of Vermont; Katherine Goodall, University of Vermont; Katlyn S Morris, University of Vermont; Christopher M. Bacon, Santa Clara University; Peter Läderach, International Center for Tropical Agriculture; William B. Morris, University of Vermont; Maria Ursula Georgeglou-Laxalde, University of Vermont; Andrew Davis, Salvadoran Research Program on Development and Environment (PRISMA); Eva K. Wollenberg, Climate Change, Agriculture and Food Security Program (CCAFS), *Climate Mitigation and Smallholder Livelihoods in Coffee Landscapes: Synergies and Tradeoffs.*

3:40 Michael Dwyer*, University of California, Berkeley, *Surviving State Land: Civil Society and the Cambodian Land Grab.*

4:00 Barbara Haya, PhD*, University of California at Berkeley, *Hydropower in the CDM: Conflicting Rationalities.*

1571. Geographies of Waste (4) Food Wastes (Sponsored by Cultural Geography Specialty Group, Energy and Environment Specialty Group)

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Alan Metcalfe, University of Portsmouth
CHAIR(S): Alan Metcalfe, University of Portsmouth

2:40 Craig Harris*, Michigan State University; Erica Giorda, Michigan State University, *Social and Spatial Locations of Food Waste.*

3:00 Catherine Jampel*, The Pennsylvania State University, *Theorizing the food (waste) cycle.*

3:20 Ekaterina De Vries*, Vrije Universiteit Brussels; Sebastian Abrahamsson, *I may be looking for waste, but I eat food': On the Legal and Organic limits of Eating Wasted Food.*

3:40 Adam Diamond, Ph.D*, USDA; Marna Hauk, M.A., Doctoral Student in Sustainability Education at Prescott College, Director of the Institute for Earth Regenerative Studies in Portland, Oregon, *Across the Scales of Fate: The Regenerative Geographies of Compost.*

1572. Time-Geographic Analysis of Urban Social Sustainability II - Segregation (Sponsored by Transportation Geography Specialty Group)

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Steven Farber, University of Utah; Donggen Wang, Hong Kong Baptist University

CHAIR(S): Donggen Wang, Hong Kong Baptist University
2:40 Woo Jang*, University of Georgia; Xiaobai Yao, University of Georgia; Kevin Krivacsy, University of Tennessee, *Segregation Index for Trip Data.*

3:00 David C. Folch*, Arizona State University, *Visualizing Local Segregation.*

3:20 Martin Rivas Perez*, Institute for Transport Research; Frances Hodgson, Institute for Transport Research, University of Leeds, *Social sustainability and households: resiliences and strategies to manage urban economic vulnerability.*

3:40 FEI LI*, Donggen Wang, Doctor, Hong Kong Baptist University, *The Time-geographic Perspective of Urban Segregation.*

1573. Geographies of Gender and Economics (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia

CHAIR(S): Tamar Rothenberg, Bronx Community College of the City University of New York

2:40 Sarah W Stinard-Kiel*, Rutgers University, *Liberation-based Childcare: Building Movements and Strengthening Communities.*

3:00 Vanessa Rene Kirn, MA Student*, University of Maryland, *Male Sex Work in a Globalized Economy.*

3:20 Rosario Rizzo*, University of Texas at Austin, *The emergence of an alternative market in Veracruz in times of Neoliberalism: The case of totomoxtle.*

3:40 Monica Farias, MA*, University of Washington, *Consumed by Crisis? The Politics of Class, Gender and Culture in Urban Argentina.*

4:00 Jieun Lee, PhD candidate*, Michigan State University; Igor Vojnovic, PhD, Michigan State University, *Local Economic and Social Resilience in the Advanced Economy: Socialized Accessibility to the Gendered Local Labor Market and Urban Opportunities in the Detroit Region.*

1574. Hazards and Emergency Response

Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Haojie Zhu, University of Maryland

2:40 Sascha M Henninger*, TU Kaiserslautern, Physical Geography, *How climatological knowledge could help to prevent a mass panic.*

3:00 Paul J Doherty*, University of California, Merced, *The applications of GISystems to wilderness search and rescue, a preliminary overview within a GIScience context and case-studies from Yosemite National Park.*

3:20 Cheng Liu*, Oak Ridge National Laboratory, *A quick response emergency evacuation system for ultra large dataset.*

3:40 Haojie Zhu*, University of Maryland; Paul Torrens, University of Maryland; Atsushi Nara, Arizona State University, *An Agent-Based Simulation Framework for Emergency Evacuation.*

1575. Human-Plant Geographies IV: Agricultural Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University

CHAIR(S): Catherine Phillips, University of Wollongong

2:40 Rachel Berndtson*, University of Maryland, *The Jewish Farming Movement Takes Root in Baltimore, Maryland: A Case Study on the Origins, Diffusion and Impact of the Kayam Farm.*

3:00 Robert Fleming Puckett, Doctor of Philosophy Candidate*, Oxford University, *After the Hunt: The Centrality of Plant Life for South Africa's Re-Settled San Communities.*

3:20 Isabel M Madaleno, Dr. *, Portuguese Tropical Research Institute, *Globalisation Paradoxes: Medicinal Plant Cultivation and Uses in Eight Latin American Cities.*

3:40 Han-Chun Tu*, Shew-Jiuan Su, *The Political Ecology of Betel Nut Industry along Hillside Taiwan.*

Discussant(s): Lesley Head, University of Wollongong

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1576. China's economy and region: firm, location, and trade: II (Sponsored by China Specialty Group, Asian Geography Specialty Group, Economic Geography Specialty Group)

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge

CHAIR(S): Weidong Liu, Chinese Academy of Sciences

2:40 Petra Staufer-Steinnocher*, WU Vienna; Dominik Baier, WU Vienna Univ. of Economics and Business; Suchi Gopal, Boston University, *The Geography of China's Knowledge Networks and Patenting Activities Using EPO, JPO and USPTO Databases.*

3:00 Curt Nestor, PhD*, Department of Human and Economic Geography, School of Economics, Business and Law, University of Gothenburg, Sweden; Patrik Ström, Assoc. prof., Department of Human and Economic Geography, School of Business, Economics and Law, University of Gothenburg, Sweden, *Cars and Components - The Brave New World of Outward FDI from China.*

3:20 David R Meyer*, Washington University in St. Louis, *Network Challenges of Bank of China International.*

3:40 Weidong Liu*, IGSNRR, Chinese Academy of Sciences; Hongguang Liu, IGSNRR, Chinese Academy of Sciences, *A Sector-Specific Spatial Statistic Model to Estimate Inter-regional Trade Flows.*

1577. Applied Geography Specialty Group Student Paper Competition (Sponsored by Applied Geography Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Interactive Short Paper Session)

ORGANIZER(S): Dawna Cerney, Youngstown State University

CHAIR(S): Dawna Cerney, Youngstown State University

2:40 Thomas A Hamill, M.A.*, Temple University, *Evaluation of methods for prediction of fine green vegetation by census block group: The case of Plum Island Ecosystems and Boston in 2005.*

2:45 Naizhuo Zhao*, Texas State University-San Marcos, *Mapping spatio-temporal changes of Chinese social-ecological systems.*

2:50 Yue Zhang*, Clark University, *Understanding Food Access in Main South Community, Worcester, MA.*

2:55 Won Kyung Kim*, Arizona State University, *Comprehensive Understanding of Open Spaces in an Arid City.*

1578. Understanding Climate in the Cryosphere through Observations and Models, Part 1 (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Gina Henderson, United States Naval Academy; Neil P Barton, Lawrence Livermore National Laboratory

CHAIR(S): Neil P Barton, Lawrence Livermore National Laboratory

2:40 Thomas Mote*, University of Georgia; Sebastian H Mernild, Los Alamos National Laboratory; Glen E Liston, Colorado State University, *Extending Climate Data Records of Greenland Ice Sheet Surface Melt Extent Into the Pre-Satellite Era.*

3:00 Neil P Barton*, Lawrence Livermore National Laboratory; Dana Veron, University of Delaware: College of Earth, Ocean, and Environment, *Investigating the Cloud Response to Altering Sea Ice Concentrations over Laptev Sea using a Regional Model.*

3:20 Jason E Box, PhD*, The Ohio State University; Dorothy K Hall, PhD, NASA Goddard Space Flight Center; Julienne C Stroeve, PhD, National Snow and Ice Data Center; Xavier Fettweis, PhD, University of Liège, Brussels, Belgium; Marco Tedesco, PhD, The City College University of New York, *Greenland ice sheet albedo feedback with climate.*

3:40 John Mioduszewski*, Rutgers University; Åsa K. Rennermalm, Rutgers University; David A Robinson, Rutgers University, *Controls on spring snowmelt over northern Canada derived from reanalysis.*

4:00 Wei Han Chan*, University of Delaware; Daniel J Leathers, University of Delaware, *Examining Arctic Sea Ice cover, Energy Fluxes and Atmospheric Circulation in a Regional Perspective.*

1579. Urban Planning and Informality in African Development (Sponsored by Africa Specialty Group, Development Geographies Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Petra Doan, Florida State University

CHAIR(S): Petra Doan, Florida State University

2:40 John Harris*, Florida State University, *Informality and Scale Economies in Africa: Productivity Traps for Firms and Regions.*

3:00 Ismaila Abubakar*, Florida State University, *Household coping strategies with unsatisfactory urban services in Abuja, Nigeria.*

3:20 Benjamin Ofori*, Florida State University, *The Implications of Institutional Informalism for Planning, Policy and Local Governance.*

3:40 Petra Doan*, Florida State University, *Patterns of Population Growth in Peri-Urban Accra.*

1580. Participatory Land Use Planning and Mapping

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Leo C Zulu, Michigan State University

2:40 Emmanuel Abeashi Mensah, Mr. *, Department of Geography and Regional Planning, University of Cape Coast; James K. Eshun, Mr., Department of Geography and Regional Planning, University of Cape Coast; Kwabena Barima Antwi, Dr., Department of Geography and Regional Planning, University of Cape Coast.; Benjamin Kofi Nyarko, Dr., Department of Geography and Regional Planning, University of Cape Coast; Kingsley N. Osei, Mr., Department of Geography and Regional Planning, University of Cape Coast; Osman Adams, Mr., Department of Geography and Regional Planning, University of Cape Coast; Stephen Kankam, Mr., Friends of the Nation - Ghana; Justice Camillus Mensah, Mr., Department of Natural Resources Science, University of Rhode Island; Mark Fenn, Mr., Coastal Resources Centre - Ghana; Donald Robadue, Dr., Coastal Resources Centre, Rhode Island, *Participatory mapping, a tool for spatial planning: A case study of Shama district in the Western Region of Ghana.*

3:00 Laureen Elgert, PhD*, Worcester Polytechnic Institute, *The co-production of indicators in participatory land-use planning models.*

3:20 Spencer R. Meyer, M.S.*, University of Maine; Michelle L. Johnson, M.S., University of Maine; Robert J. Lilieholm, Ph.D., University of Maine; Christopher S. Cronan, Ph.D., University of Maine, *Using Stakeholders to Develop a Watershed-Scale Land Use Suitability Model.*

3:40 Frederick M Irani*, US Geological Survey Eastern Geographic Science Center; Peter R Claggett, US Geological Survey Eastern Geographic Science Center, *GDAMapper: A Low Cost Software Tool Developed under A Public/Private Cooperative Effort for Assessing Landcover Change in the Chesapeake Bay Watershed.*

4:00 Leo C Zulu, Dr*, Michigan State University, *Social Learning and Community Based Natural Resources Management.*

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1581. Medical Geography: International Perspectives

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Chang Keun Kim, Cha University

2:40 Patricia Boda, PhD*, Middle Tennessee State University,
Health care refugees of the US-Mexico border: The case of Ciudad Juarez.

3:00 Valerie C Milne*, *Barriers to the Presentation of Inflammatory Arthritis at Primary Care and at Rheumatology Services in Wellington, New Zealand.*

3:20 Trevor J. B. Dummer, PhD*, Dalhousie University; Laura E. Nauta, BSc, Dalhousie University; Louise Parker, PhD, Dalhousie University, *Geospatial Modelling of Well Water Arsenic Exposure In Nova Scotia.*

3:40 Vibeke Pihl, PhD Fellow*, Centre for Medical Science and Technology Studies, University of Copenhagen; Mette Nordahl Svendsen, Associate Professor, Centre for Medical Science and Technology Studies, University of Copenhagen; Lene Koch, Professor, Centre for Medical Science and Technology Studies, University of Copenhagen, *Modelling Pigs and Humans: Exploring the Relation between Spaces and Human-Pig Connections in Biomedical Research.*

4:00 Chang Keun Kim*, CHA Medical University, *On the Regional Domination of Constitutional Type in South Korea : A Spatial Epidemiology of Korean Traditional Medicine.*

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1601. New Perspectives to Paleoenvironmental Change and Geoarchaeology III (Sponsored by Paleoenvironmental Change Specialty Group, Geomorphology Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Matthew Peros, Bishop's University; Ezgi Akpinar Ferrand, Southern Connecticut State University

CHAIR(S): Timothy Beach, Georgetown University

4:40 Katarina Doctor*, George Mason University; Sheryl Luzzadder-Beach, George Mason University; Timothy Beach, Georgetown University; Ronald Resmini, George Mason University, *Mapping the Extent of Ancient Maya Wetland Canals using High Resolution Imagery.*

5:00 Robert Dull*, University of Texas at Austin; John Southon, University of California, Irvine; Steffen Kutterolf, IFM - GEOMAR, Kiel, Germany; Armin Freundt, IFM - GEOMAR, Kiel, Germany; David Wahl, United States Geological Survey, Menlo Park, CA; Payson Sheets, University of Colorado, Boulder, *Evidence for the Ilopango TBJ eruption as the trigger of the AD 536 Event.*

5:20 Pete D Akers*, University of Georgia, *Climate & Maya Cultural Change: Detecting Connections Using Belizean Stalagmites.*

5:40 Joseph Schuldenrein, PhD*, Geoarchaeology Research Associates, *Geoarchaeology and Holocene Landscape Reconstruction in New York City: A Synthetic Perspective.*

Discussant(s): William I. Woods, University of Kansas

1603. Population processes and geographical change: New perspectives (Sponsored by Human Dimensions of Global Change Specialty Group, Population Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Bo Malmberg, Stockholms Universitet

CHAIR(S): Bo Malmberg, Stockholms Universitet

4:40 Tyler Roberts*, University of Colorado at Boulder, *Are macro-level relationships between demography, economy, and environmental impact significant at smaller scales of analysis? Identifying county-level age-specific drivers of CO2 emissions in the US using age-structure and relative cohort size.*

5:00 David Lopez-Carr*, UC Santa Barbara; Alex Zvoleff, SDSU Department of Geography, *Linking Conservation and Development: A Global-scale Analysis of Demographics in High-value Conservation Areas.*

5:20 Jennifer M. Santos-Hernandez*, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory; Benjamin L. Preston, Oak Ridge National Laboratory; Jack C. Schryver, Oak Ridge National Laboratory, *Confronting Disruption and Insecurity: Modeling Social Vulnerability and Population Dynamics in Bangladesh.*

5:40 John Thomas Fitzwater*, United States Census Bureau, *Development Towards a Global Subnational Population Dataset.*

6:00 Bo Malmberg*, Stockholm University, *Age Transitions and Socio-Economic Development in Scotland, Sweden, Japan, China, and Egypt 1750-2010.*

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ORGANIZER(S): Program Committee

CHAIR(S): Daniel Esser, American University

4:40 Douglas Hsu*, DevInfo Support Group; Jon F. Kapp*, Director, DevInfo Support Group, *Using DevInfo Geospatial Technology to Support Human Development Advancement Worldwide.***5:00** Sonal Gangawala*, University of Kota, Kota (Rajasthan) India; M.Z.A. Khan, Dr., Government P.G. College, University of Kota, Kota (India); Rakesh V Khanna, Asst. Prof., SUNY Upstate Medical University, Syracuse (NY), *Sustainable City Or Sustainable Development of City? An Assessment With A Special Reference To Education City of India.***5:20** Janet Nackoney, M.A.*, University of Maryland, *Spatial Models and Methods for Sustainable Development and Land-use Planning in Democratic Republic of Congo.***5:40** Daniel E. Esser*, American University, *Systemic Failure: MDG Accountability and Organizational Learning in the United Nations.***1605. The Euro Crisis (International Finance and Economics Special Session Track)***Room:* Concourse E, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Gordon L. Clark, University of Oxford; Dariusz Wojcik, School of Geography and the Environment, Oxford University

CHAIR(S): Gordon L. Clark, University of Oxford

Panelists: Ewald Engelen; Maria Kaika, University of Manchester; Dariusz Wojcik, School of Geography and the Environment, Oxford University; Gary Dymski; Harald Bathelt, University of Toronto

1606. Vectors, Disease, and the Human-Made World III (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Health and Medical Geography Specialty Group)*Room:* Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Paul Robbins, University of Arizona; Andrew Comrie, University of Arizona

CHAIR(S): Paul Robbins, University of Arizona

4:40 Claire Major*, York University, *Responding to H1N1 in the context of homelessness in Fort McMurray, Alberta.***5:00** Kathryn Landau*, University of Arizona; Willem van Leeuwen, University of Arizona; Elizabeth Willott, University of Arizona; Cory Morin, University of Arizona; Andrew Comrie, University of Arizona, *Land cover and climate impacts on the spatial distribution of mosquito abundance in Tucson, Arizona.***5:20** Kate Mulligan*, McMaster University; S.J. Elliott, University of Waterloo; C Schuster-Wallace, United Nations University Institute on Water, Environment & Health, *When the Rich Get Dengue: Global Policy Discourse and Local Disease Control in the Planned City of Putrajaya, Malaysia.***5:40** Christopher Uejio*, NCAR/CDC, *Neighborhood-level risk factors for rural childhood stomach illness: Drinking water, agriculture, and socioeconomics.***6:00** Georgia Davis Conover*, University of Arizona, *Spatial Containment in the Lyme Wars.***1607. Hiding in Plain Sight: The Futures of Cartography in the American Security State (Sponsored by Political Geography Specialty Group, History of Geography Specialty Group, Cartography Specialty Group)***Room:* Concourse G, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): John Cloud, NOAA Central Library

CHAIR(S): John Cloud, NOAA Central Library

Introducer: John Cloud

1610. Hurricanes V: Ecological and Societal Impacts (Sponsored by Climate Specialty Group, Hazards Specialty Group)*Room:* Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Harry Williams, University of North Texas; Kam-Biu Liu, Louisiana State University

CHAIR(S): Harry Williams, University of North Texas

4:40 Jay Baker*, Florida State University, *Awareness of Homesite Elevations in Florida Coastal Counties.***5:00** Fei Wang*, Department of Environmental Sciences, Louisiana State University; Nina Lam, Department of Environmental Sciences, Louisiana State University; Margret Reams, Department of Environmental Sciences, Louisiana State University; Amit Kulkarni, Department of Geography and Anthropology, Louisiana State University; Kenan Li, Department of Environmental Sciences, Louisiana State University, *A Self-Organization-Based Approach for Measuring Community Resilience.***5:20** Esteban Rossi*, Ph.D. Student; John Rogan, Clark University; Laura Schneider, Rutgers University, *Hurricane disturbances and forest dynamics in Northern Nicaragua: integrating Remotely-Sensed and Forestry data.***5:40** Qiang Yao*, Louisiana State University; Kam-biu Liu, Ph.D., Louisiana State University; Victor Rivera-Monroy, Ph.D., Louisiana State University, *Reconstruction of Vegetation Changes and Paleohurricane Activity Using Palynological and Geochemical Analyses from the Shark River Slough, Everglades, Southwest Florida.***6:00** H. E. Longenecker, Physical Scientist*, FEMA/CIRES/ University of Colorado at Boulder; D. Bausch, Physical Scientist, FEMA; J. Rozelle, GIS Coordinator/Risk Analyst, FEMA; S. McNabb, Risk Analyst, FEMA; C. Zuzak, Risk Analyst, FEMA; S. M. Wilkins, Risk Analyst, FEMA; N. Almonor, Risk Analyst, FEMA; N. Robles-Kyle, Risk Analyst, FEMA; A. Cutrell, Risk Analyst, FEMA, *Real-Time Risk Analysis: Using Hazus for Hurricane Wind and Storm Surge Loss Estimation During Hurricane Irene.***1611. Urban Indigenous Realities (Sponsored by Indigenous Peoples Specialty Group)***Room:* Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Jay T Johnson, University of Kansas

CHAIR(S): Jay T Johnson, University of Kansas

4:40 Heather Dorries*, University of Toronto, *Planning and Reconciliation: A Critique of the "Duty to Consult" as Communicative Practice.***5:00** Serge Ansen Marek, Assistant Professor of Geography*, Hawaii Pacific University, *Empowered Maori Urbanisms in Auckland, New Zealand.***5:20** Julie Tomiak*, Carleton University, *Contesting Colonialism 'After Neoliberalism': Indigenous Self-Determination, Scale-Jumping, and Scale-Bending in Ottawa and Winnipeg.*

Discussant(s): Evelyn Peters, University of Winnipeg

1612. Disqualified places: practices and representations (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)*Room:* Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Marianne Blidon, Paris 1 University; France Guérin-Pace, Ined

CHAIR(S): Christophe Imbert, Université de Poitiers, Ined, UMR Migrinter

4:40 France Guérin-Pace*, Ined, *Disqualified places and inhabitants : a complex relation.***5:00** Martine Drozd*, University of Lyon, *Resisting representations - practices and territories in conflicts over regeneration projects in London.*

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5:20 Melody MB Buhr*, INED, *La Chapelle, a Tamil neighbourhood in Paris: reactions and perceptions of its inhabitants*.
 Discussant(s): Christophe Imbert, Université de Poitiers, Ined, UMR Migrinter

1613. Spaces of Geopolitical Discourse and Performance (Sponsored by Communication Geography Specialty Group)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Paul C. Adams, University of Texas at Austin
 CHAIR(S): Jeffrey McGovern, University of Arizona

4:40 Ferenc Gyuris*, University of Heidelberg, Institute of Geography, *The discourse of spatial disparities as a means of legitimizing and de-legitimizing political power*.

5:00 Fayyaz Vellani*, Institute of Ismaili Studies, *Origins and uses of the term 'terrorism'*.

5:20 Ievgenii Rovnyi*, Goethe University Frankfurt am Main, *Methodological Implications of Studying Think Tanks as Geopolitical Actors*.

5:40 Mathias Le Bossé*, Kutztown University of Pennsylvania, *Beyond War: The Evolving Meaning of "Normandy"*.

6:00 Jeffrey McGovern*, University of Arizona, *How to Wear a Uniform: A More-Than-Representational Critical Geopolitical Examination of the Performed State*.

1614. Dark Tourism, Thanatourism, and Dissonance in Heritage Tourism Management (II) (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Rudi Hartmann, University of Colorado
 CHAIR(S): Rudi Hartmann, University of Colorado

4:40 Dominique Vanneste*, Catholic University of Leuven (K.U.Leuven), *Visiting battlefields: darkness of the site or darkness of the mind? Insights from a visitors'-tourists' survey in the Flanders WWI Battlefield Area*.

5:00 Myriam Jansen-Verbeke*, Prof.em. Catholic University Leuven, *Heritage landscapes of the First World War*.

5:20 Tony Seaton*, University of Bedfordshire, *Gothic holidays in a macabre home: the Thanatourist at Lansdown Tower; Bath, UK*.

Discussant(s): Kenneth Foote, University of Colorado; Gerald R. Webster, University of Wyoming

1615. GSAG plenary session with Dr. Kate Swanson: "How I survived graduate school and landed a tenure-track position (and had a baby)" (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Madison Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Zoe Pearson, The Ohio State University
 CHAIR(S): Zoe Pearson, The Ohio State University
 Introducer: Denise Dixon Goerisch
 Panelist: Kate Swanson

1616. Online Teaching and Learning: Administrative Challenges (Sponsored by Association of American Geographers, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: Morgan Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Antoinette WinklerPrins, Michigan State University
 CHAIR(S): Antoinette WinklerPrins, Michigan State University
 Panelists: Richard Groop, Michigan State University; Michael N. Solem, Association of American Geographers; David DiBiase, Esri; Patrick Lawrence, University of Toledo; Alexander Klippel; Ronald Luna, University of Maryland

1617. Spatial Epidemiology V: Health Care Accessibility (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Eric Delmelle, UNC-Charlotte; Antonio Paez
 CHAIR(S): John DeGroot, University of Northern Iowa
 Introducer: John DeGroot

4:41 Daniel J Lewis*, UCL; Paul A Longley, Prof., UCL, *Assessing Healthcare in the UK NHS: Hospital Service Areas and Patient Referrals*.

5:01 Paul L Delamater*, Michigan State University, *The relationship between potential spatial accessibility of hospitals and utilization of hospital services*.

5:21 Coline Dony, MS*, Department of Geography, University of North Carolina at Charlotte, Charlotte, NC; Eric Delmelle, PhD, Department of Geography, University of North Carolina at Charlotte, Charlotte, NC; Russ Kirby, PhD, MS, FACE, Birth Defects Surveillance Program, Department of Community and Family Health, College of Public Health, University of South Florida, Tampa, FL; Jean Paul Tanner, MPH, Birth Defects Surveillance Program, Department of Community and Family Health, College of Public Health, University of South Florida, Tampa, FL; Cynthia H. Cassell, PhD, Division of Birth Defects and Developmental Disabilities, National Center on Birth Defects and Developmental Disabilities, CDC, Atlanta, GA, *Modelling Accessibility to Specialty Clinics for Children with Birth Defects in Florida, 1998-2008*.

5:41 Timothy Mulrooney, Ph.D.*, North Carolina Central University; Garrett Love, Ph.D., North Carolina Central University; LaDonna Brown, North Carolina Central University, *Using GIS to Address Food Availability in Durham, North Carolina*.

1618. Communicating Across Disciplinary Boundaries: Atmospheric Sciences in Geography (Sponsored by Hazards Specialty Group)

Room: Murray Hill Suite B, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Kimberly Klockow, University of Oklahoma
 CHAIR(S): Julie Winkler, Michigan State University
 Introducer: Kimberly Klockow
 Panelists: Christopher Badurek, Appalachian State University; Mark D Schwartz, University of Wisconsin - Milwaukee; Julie Silva, University of Maryland, College Park; Louis Uccellini, NOAA

1619. Squatting and Social Centers: Resistance and Production of Critical Spaces V (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Pierpaolo Mudu, University of Rome
 CHAIR(S): Pierpaolo Mudu, University of Rome
 Introducer: Mark Purcell
 Discussant(s): Salvatore Engel-DiMauro, SUNY New Paltz
 Panelists: Eli Meyerhoff, University of Minnesota; Pierpaolo Mudu, University of Rome; Lucy Finchett-Maddock; Nathan Eisenstadt, Bristol University; Alessia Marini; Loredana Guerrieri, Osservatorio Di Genere - Istituto Storico Della Resistenza Di Macerata; Elisabeth Lorenzi, CSIC

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- 1620. Moral Encounters in Tourism III (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group)**
Room: Nassau B, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Mary Conran, Kevin M Hannam, University of Sunderland
CHAIR(S): Kevin M Hannam, University of Sunderland
4:40 Anne-Marie d'Hauteserre*, University of Waikato, *Ethical cultural encounters?*
5:00 Cori Jakubiak*, Grinnell College, *Participants' views of development in/through English language voluntourism.*
5:20 Shelley Grant*, Queen Mary College, University of London, *Flourishing Markets of 'Families-to-Be' or the 'Exile' of a Global Reproductive Tourist Population? Evaluating the Dilemmas Around Multinational and Regional Governance of the Cross-Border Fertility Tourism Industry.*
5:40 Lindsey A. Freeman*, New School for Social Research, *Atomic Tourism in a Post-Nuclear Landscape.*
Discussant(s): Jim Butcher, Canterbury Christ Church University; Mary Conran; Kevin M Hannam, University of Sunderland

- 1630. Antipode Lecture: Gayatri Chakravorty Spivak**
Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Nik Heynen, University of Georgia; Vinay Gidwani, University of Minnesota
CHAIR(S): Vinay Gidwani, University of Minnesota
4:40 Gayatri Spivak*, Columbia University, *A Conversation with Gayatri Spivak.*
This session is sponsored by Wiley-Blackwell.

- 1635. The Changing Energy Landscapes of North America and Europe - Session 2 (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group, Energy and Environment Specialty Group)**
Room: East Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Mike Pasqualetti, Arizona State University; Alain Nadai, CIRED
CHAIR(S): Mike Pasqualetti, Arizona State University
4:40 Romain J Garcier, Dr*, Université de Lyon (ENS), *Legal landscapes and nuclear controversies in the uranium fuel cycle: the case of the Malvési plant (France).*
4:54 Marina Frolova, PhD*, University of Granada; Maria-Jose Prado, PhD, University of Seville, *Renewable Energy Landscapes in Spain. Recent evolution of the Spanish policies and research agenda.*
5:08 Petr Dvorak*, Institute of Geonics AS CR; Stanislav Cetkovsky, Institute of Geonics AS CR, *Changing the mosaic of agricultural landscape in relation to energy growing crops a PV's development.*
5:22 Justine Law*, The Ohio State University, *Seeing the Forest for the Trees' Energy in Michigan and Ohio.*
5:36 Stanislav Martinat*, Institute of Geonics, Academy of Sciences of the Czech Republic, Ostrava; Tatiana Mintalova, Palacky University, Faculty of Science, Department of Geography, Olomouc, *Development of bio gas plants as a part of the energy landscape: some evidence from the Czech Republic and Slovakia.*
5:50 Enrique Lanz Oca*, CUNY, *Manufacturing a New Hydroscape Era: Semantics of Restoration in the Elwha Waters.*

- 1636. Accessibility in the Online and Traditional Geography Classroom (Sponsored by Geography Education Specialty Group, Disability Specialty Group)**
Room: Green Room, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Ingrid Luffman, East Tennessee State University
CHAIR(S): Ingrid Luffman, East Tennessee State University
4:40 Michelle Byrd, Ed.D.*, East Tennessee State University; Michelle Byrd, Ed.D., East Tennessee State University, *Building an Accessible Geography Course for Visually Impaired Students.*
5:00 Ingrid Luffman*, East Tennessee State University, *Teaching Geographic Concepts Online Using Tactile Maps.*
5:20 Terry A. Slocum*, University of Kansas; Travis White, University of Kansas; Alan F Halfen, University of Kansas; William C Johnson, University of Kansas; Daniel Hirmas, University of Kansas; Dave McDermott, Haskell Indian Nations University; Stephen Egbert, University of Kansas; Paul Atchley, University of Kansas; Aaron Gilbreath, University of Kansas, *Developing 3-D Stereoscopic Content for Introductory Physical Geography Classes.*
5:40 Ryan L Perroy, PhD*, University of Wisconsin-La Crosse, *Harnessing student creativity and self-expression in an introductory physical geography class.*
6:00 Gabriel L Judkins, PhD*, University of Nevada Las Vegas, *A Virtual Undergraduate Lab Experience: A Case Study in Distance Education Science Instruction.*

- 1637. Geographies of the Life Course IV: Temporalities (Sponsored by Qualitative Research Specialty Group)**
Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Nancy Worth, University of Leeds; Irene Hardill, Northumbria University
CHAIR(S): Nancy Worth, University of Leeds
4:40 John David Goodwin, Dr*, CLMS, University of Leicester; Henrietta O'Connor, Dr, CLMS, University of Leicester, *From Young Workers to Older Workers: Restudying the Same Respondents in one Locality over 50 years.*
5:00 Jane YeonJae Lee*, University of Auckland, *Narratives of the 1.5 generation Korean New Zealanders' return migration: Taking a life history approach.*
5:20 Melissa Kelly*, Uppsala University, *Migration Decision Making: Linking Individual and Group Perspectives.*
5:40 Jayne Sellick, Miss*, Durham University, *The temporality of disabled identities: Addressing methodological complexities in participatory work.*
Discussant(s): Rachel Pain, University of Durham

- 1639. Migration and Economic Restructuring in Rural America: Papers in Memory of Alex Vias (Sponsored by Rural Geography Specialty Group, Population Specialty Group)**
Room: Holland Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): John Cromartie, Economic Research Service, USDA; Peter Nelson, Middlebury College
CHAIR(S): John Cromartie, Economic Research Service, USDA
4:40 Gundars Rudzitis*, University of Idaho, *Towards A Radical Amenities and Quality-of-Life Model of Rural Post-Development.*
5:00 Peter Nelson*, Middlebury College, *High risk lending in Nonmetropolitan America, a regional assessment.*
5:20 Miranda Mockrin*, USDA Forest Service; Sarah Reed, Wildlife Conservation Society/Colorado State University; Liba Pejchar, Colorado State University; Lindsay Ex, Colorado State University/City of Fort Collins, *Housing development, demographic trends, and amenity characteristics associated with conservation development in Colorado.*
5:40 Andrew Dunlop*, University of Saskatchewan; Susan Hautaniemi Leonard, University of Michigan,

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Abandoned Farmsteads: Rural Infrastructure Change in the US Great Plains, 1930 -2000.

6:00 John Cromartie*, Economic Research Service, USDA, *A New Approach to Delineating Frontier Areas in the U.S.*

1641. Morphological measurement using close range photogrammetry and laser scanning (ISPRS V6) (Sponsored by Remote Sensing Specialty Group, Geomorphology Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): James Dietrich, Texas State University - San Marcos

CHAIR(S): James Dietrich, Texas State University - San Marcos

4:40 Kenneth Mankoff*, University of California, Santa Cruz; Jason Gulley, University of Texas, Institute of Geophysics, *A 3D Surface of the Interior of a Sub-Glacial Cave Acquired Using a Microsoft Kinect as a LIDAR Sensor.*

5:00 Suzanne P Wechsler, PhD*, California State University Long Beach; Chris Lee, PhD, California State University Long Beach; Carl Lipo, PhD, California State University Long Beach; Jessica Jaynes, MA, California State University Long Beach, *Investigating structure from motion and derived surfaces.*

5:20 Rebecca Manners*, Utah State University; John C Schmidt, Utah State University; Joseph Wheaton, Utah State University, *Hydraulic and Vegetative Models of Historic Environmental Conditions Identify the Role of Riparian Vegetation in Channel Narrowing.*

5:40 Vivian R Queija*, United States Geological Survey; Jeffery Danielson, United States Geological Survey; Brian Fiebler, United States Geological Survey; Richard Day, United States Geological Survey, *Ground-Based Lidar and Aerial Lidar Comparison of Delta Formation in Atchafalaya Basin, Louisiana.*

6:00 James T Dietrich*, University of Oregon, *Measurement of Fluvial Wood Volumes using Structure-from-Motion 3D Models.*

1642. Sustainability Science and Applied Geography: A New Research Paradigm for Geographers (Sponsored by Applied Geography Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Richard Shaker; Greg Rybarczyk, University of Michigan-Flint

CHAIR(S): Richard Shaker

4:40 Richard Ross Shaker, M.Sc., Ph.D.*, Binghamton University, State University of New York, *Assessing Sustainable Development Using Additive Household Community and Property Composition Indices.*

5:00 Charles Layman, ABD*, Florida State University, *Modeling and Evaluating Changes to the Urban Structure: Sprawling or Sustainable Growth?.*

5:20 Greg Rybarczyk, Ph.D.*, University of Michigan-Flint, *Instituting an Agent Based Modeling Framework to Assess Bicycle Behavior.*

5:40 Daniel E Wilson, B.S. Geography*, Oklahoma State University, *The Role of Local Institutions on Deforestation in the Kaimosi Forest, Kenya.*

6:00 Aswin Subanthore*, Oklahoma State University, *Bringing Science Back into Cultural Landscape Tradition: Engaging Chicago's South Asian Landscapes within the Sustainability Science dialogue.*

1644. Landscape metrics and habitat fragmentation (Sponsored by Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group)

Room: Conference Room B, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Joni Downs, University of South Florida

CHAIR(S): Sarah Wandersee, SDSU Geography

4:40 Sainan Zhang*, Arizona State University; Christopher G. Boone, Arizona State University; Susannah Lerman, USDA Forest Service; Abigail M. York, Arizona State University, *A multi-scale study of the relationship among land composition, land fragmentation, and bird biodiversity in the Phoenix area.*

5:00 Cyril Oluyomi Wilson*, University of Wisconsin- Eau Claire, *Modeling future landscape metric patterns and their relationship with surface water quality under different urban land use and climate change scenarios.*

5:20 Sarah Wandersee*, San Diego State University; Li An, San Diego State University; Yeqin Yang, Fanjingshan National Nature Reserve, *From paper to protection: Forest cover and habitat change since nature reserve establishment in Guizhou golden monkey habitat, China.*

1645. Diverse Perspectives on Urban Accessibility (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Transportation Geography Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Eric Boschmann, University of Denver;

Michael Niedzielski, University of North Dakota

CHAIR(S): Eric Boschmann, University of Denver

4:40 Eric Boschmann*, University of Denver; Michael Niedzielski*, University of North Dakota, *Positionality as accessibility: A journey to work analysis of the Denver metropolitan area.*

5:00 Paula Negron*, Institut d'urbanisme, University of Montreal; Anne-Marie Séguin, Institut national de la recherche scientifique, centre urbanisation culte société; Philippe Apparicio, Institut national de la recherche scientifique, centre urbanisation culte société, *Evaluating spatial accessibility in an aging suburb: integrating qualitative characteristics of the urban environment into GIS.*

5:20 Aya Yoshikawa*, Texas A&M University, *Senior Citizens' Adaptive Strategies to Get Around in Their Communities: A Case Study of Yao City, Japan.*

5:40 Sean M Crotty*, Texas Christian University, *Getting to the Corner: The Role of Residence and Mobility in the Production of Day Labor Spaces.*

6:00 Weiqiang Lin*, Royal Holloway University, *Valorizing Context in the Transport-Mobility Nexus: Singapore's Mobilization.*

1646. Qualitative GIS Symposium III: Practice and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Mei-Po Kwan, Ohio State University;

Marianna Pavlovskaya, Hunter College

CHAIR(S): Marianna Pavlovskaya, Hunter College

4:40 Timothy Hawthorne*, Georgia State University, *Contextualizing the Urban Network: Mapping Perceptions and Experiences of Urban Spaces through Qualitative Network Analysis.*

5:00 Derek J Hunt*, Northern Kentucky University, *NKAPC, Parish Boundary Digitization.*

5:20 Cécile Martignac, CIRAD - IFPRI; Pierre Maurel, CEMAGREF; Stéphane Roche*, Laval University, *Qualitative GIS to improve relevancy and integrating approaches of local geographical knowledge in large-scale observatories.*

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5:40 Nora Fagerholm*, Department of Geography and Geology, University of Turku, Finland; Käyhkö Niina, Department of Geography and Geology, University of Turku, Finland, *Mapping landscape values and perceptions - precision and uncertainty in qualitative spatial information.*

6:00 Jin-Kyu Jung*, University of Washington Bothell, *Revisiting 'Grounded Visualization': New Possibilities for Qualitative GIS.*

1647. Progress and Prospects of Time Geography and Space-Time Analysis (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): Shih-Lung Shaw, University of Tennessee; Daniel Sui, Ohio State University

CHAIR(S): Shih-Lung Shaw, University of Tennessee
Introducer: Shih-Lung Shaw

Discussant(s): Michael Goodchild, University of California - Santa Barbara

Panelists: Kajsa Ellegård, Linköping University, Technology and social change; Nikki A. Williams, Texas State University-San Marcos; Harvey Miller, University of Utah; Tim Schwanen, University of Oxford; Daniel Sui, Ohio State University

1648. BitCity: Data, Technology and Understanding the City II (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Seth Spielman, University of Colorado; Sarah Williams, Columbia University

CHAIR(S): Tao Cheng, University College London

4:40 Tao Cheng*, University College London; Dawn Williams, University College London, *Space-Time Patterns of Crime Incidents in Central London.*

5:00 Jiuyuan Liu*, *Web-Based Multivariate Geovisualization of Attributes Using RGB Color Model and Census Data.*

5:20 Adrian J Klisz, M.A. Candidate*, McMaster University; John Eyles, Ph.D., McMaster University, *The Effects of Augmented Reality Computing on Sense of Place and Wayfinding in Unfamiliar Spaces.*

Introducer: Sarah Williams

1650. Radical Environments: Dick Walker's Influence in Human Geography

Room: Conference Room H, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): James McCarthy, Pennsylvania State University; Mary Beth Pudup, University of California, Santa Cruz

CHAIR(S): James McCarthy, Pennsylvania State University

Discussant(s): Richard A. Walker, University of California-Berkeley; Scott Prudham, University of Toronto

Panelists: Katharyne Mitchell, University of Washington; Julie Guthman, Univ of California Santa Cruz; George Henderson, University of Minnesota

1651. Polar Geographies III: Political Systems in the Polar Regions (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Cryosphere Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland

CHAIR(S): Stanley Brunn, University of Kentucky

4:40 Michael T Bravo, Dr. *, Cambridge University, *Technology,*

Autonomy and Arctic Transnationalism.

5:00 Elana Wilson Rowe*, Norwegian Institute of International Affairs, *Expert knowledge and transnational networks in Arctic politics.*

5:20 Heather Nicol*, Trent University, *Sovereignty, Human Security and the Arctic.*

5:40 Mark T Burnett, PhD*, Mount Royal University, *Canada and the Geopolitics of the Arctic Region.*

Discussant(s): Timothy Heleniak, University of Maryland

1652. Design, Design Activism and the Democratic Production of Future Social Natures: Session 3: Radical Democracy, Alternatives, Utopia in Architecture and Design

Room: Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Damian White, RISD

CHAIR(S): Damian White, RISD

4:40 Scott Colman*, Rice University School of Architecture, *Soft Progressivism in Architecture.*

5:00 Daniel Barber*, Barnard College, *Gathering Design Publics: Technology and Expertise in the Open Architecture Network.*

5:20 Angela Last*, University College London, *Uncomfortable Participation - Active Citizenship and the Democratisation of Innovation.*

5:40 Jonathan Lukens*, Georgia Tech, *DIY Infrastructure.*

6:00 Dorita Hannah*, Massey University, *Constructing Barricades :: Politics of the Event and 'Weak Architecture'.*

1653. Global Trade: Remaking the World Economy (Sponsored by Economic Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Abigail Cooke, UCLA; Thomas Kemeny, UNC Chapel Hill

CHAIR(S): David Rigby, UCLA

4:40 Abigail Cooke*, UCLA; David Rigby, UCLA; Thomas Kemeny, UNC Chapel Hill, *Subnational geographies of trade in the United States.*

5:00 Thomas Kemeny*, UNC Chapel Hill; David Rigby, UCLA; Abigail Cooke, UCLA, *Closing the Local Knowledge Gap? Technology Levels in Multinationals and Local Exporters.*

5:20 Martijn Burger*, Erasmus University Rotterdam; Mark Thissen, Netherlands Environmental Assessment Agency; Frank van Oort, Utrecht University; Dario Diodato, Netherlands Environmental Assessment Agency, *The Magnitude and Distance Decay of Trade in Goods and Services: New.*

5:40 Sancia Wai-San Wan*, London School of Economics & Political Science, *China's financial and accounting (F&A) services in the global trade system and their upgrading prospects.*

1654. Urbanization, Climate Change and Hydrology 3: Landcover (Sponsored by Water Resources Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Daniel Runfola, Clark University; William Solecki, Hunter College

CHAIR(S): Colin Polsky, Clark University

4:40 Mario A Giraldo, Assistant professor of Geography*, Kennesaw State University, *Hydrology of forest patches in sub-urban Atlanta".*

5:00 Joe Krahe*, Clark University; Jacqueline Gushue, Boston University; Cory Keeler, Grinnell College, *The Impact of Pricing Structure on Water Consumption in Suburban Boston.*

5:20 Nicholas Mark Giner*, Clark University, *Bringing vegetation into the sprawl literature: Mapping and analyzing the pattern of lawns in suburban Boston, Massachusetts.*

5:40 Heejun Chang*, Portland State University, *Climate*

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Change, Land Development, and Water Resources in Urbanizing Areas.

Discussant(s): Anthony Brazel, Arizona State University

1656. Nature: Hazards and Vulnerabilities

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Johan Liebens, University of West Florida

4:40 Michelle Shuey, PhD*, Edinboro University of Pennsylvania; Andy Obringer, Edinboro University of Pennsylvania, *Bears in the Backyard: Understanding the Relationship Between Land Use/Land Cover and Bear-Human Interactions in Western Pennsylvania.*

4:45 Kent McGregor*, University of North Texas, *Comparison the Extreme Heat Wave During the Summer of 2011 to Similar Events in the Past 100 Years.*

4:50 Lifeng Luo*, Michigan State University; Ying Tang, Department of Geography, Michigan State University; Shiyuan Zhong, Department of Geography, Michigan State University; Heilman Heilman, USDA Forest Service Northern Research Station, *The impact of regional climate change on fire weather in the United States.*

4:55 Ales Smrekar*, Scientific Research Centre of the Slovenian Academy of Sciences and Arts, *How long is the road from environmental acquaintance to environmental awareness.*

5:00 Katherine Correll*, The University of Memphis, *When Damage is Constructive: Interactions of Hurricane Damage Levels with Disturbance Based Forests.*

5:05 Graham Sager-Gellerman*, University of Richmond; Juan Boettner, University of Richmond; Ethan Strickler, University of Richmond; David S Salisbury, University of Richmond, *A Multi-Scale Analysis of the Peruvian Forestry System.*

5:10 Johan Liebens*, University of West Florida; Carl J. Mohrherr, University of West Florida, *Influence of Secondary Roads on Soil Heavy Metal Concentrations.*

1657. The Biopolitics of Resilience: Societies of Control or Production of the Common(s)? II (Sponsored by Political Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Bruce Braun, University of Minnesota - Minneapolis; Karen Bakker, University of British Columbia

CHAIR(S): Karen Bakker, University of British Columbia

4:40 Karen Bakker*, University of British Columbia, *Panarchy, Post-Humanism, and Environmental Politics.*

5:00 Sara H Nelson*, University of Minnesota, *Adapting to Climate Change: From Resilience to 'Transformability'.*

5:20 Bruce Braun*, University of Minnesota - Minneapolis, *The negation or production of time? Rethinking resilience.*

Discussant(s): Erik Swyngedouw, University of Manchester

1658. Theory and Landscape in Sustainability Science (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Meidad Kissinger

4:40 Jong-Heon Jin*, Kongju National University, *Symbolic landscape of reclamation in Korea.*

5:00 Asutosh Acharya*, York University, *Geography of Agrarian Transition: A Conceptual Investigation.*

5:20 Chris Mayda*, Eastern Michigan University, *Out with the Old, In with the New.*

5:40 Kathryn-Louise Meng*, Clark University, *Operationalizing critical perspectives on sustainability.*

6:00 Meidad Kissinger*, Ben-Gurion University of the Negev, Israel, *Sustainability in an interconnected world - Towards a theory of Interregional Sustainability.*

1659. Urban Identities III: Making Meaning in Place (Sponsored by Urban Geography Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Bradley Gardener, CUNY Graduate Center

CHAIR(S): Bradley Gardener, CUNY Graduate Center

4:40 Matthew Cook*, The University of Tennessee, *Memorializing Berlin's Holocaust Past: Gunter Demnig's Stolpersteine Project.*

4:55 Thomas Herman*, San Diego State University; Lydia Wood, San Diego State University, *Urban Revitalization: San Diego's Little Italy.*

5:10 Eliza Benites*, Sociology Department, University of Arizona, *City, memory and space. The inhabitants of Santiago and the Transantiago reform.*

5:25 Robin N Finlay*, Newcastle University, *Producing the 'Orient' in the 'Occident': The Moroccan Diaspora in Granada, Spain.*

5:40 Elena Ion Tomlinson*, University of California, Berkeley, *Soft Budget Entrepreneurs: European Funding and the Business of Public Works in Contemporary Bucharest.*

1660. Contemporary Transformations in Public and Market Housing II

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Martine August; James Dunn, McMaster University

CHAIR(S): James Dunn, McMaster University

4:40 Martine August, PhD Candidate*, University of Toronto, *Space, Security, and Social Control: Negotiating social mix in Toronto's first public housing redevelopment.*

5:00 Jun Wang*, Hong Kong Baptist University, *Neoliberalism, En bloc redevelopment: the case of housing in Singapore.*

5:20 Andrej Holm*, Humboldt-University Berlin, *En-Bloc-Privatization and Global Investment in German Tenants Market.*

5:40 Margaret Haderer*, University of Toronto, *Building for the "New Man": Housing and Ideology in Cold War Berlin.*

6:00 Carolyn F. Thompson, A.B.D.* Macquarie University, *New build-gentrification, master-planned estates and homogeneity versus diversity.*

1661. Working with Freedom: Learning about innovative risk mediation strategies from entrepreneurs in creative industries III (Sponsored by Economic Geography Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Brian Hraes, University of Toronto; Melanie Fasche

CHAIR(S): Melanie Fasche

4:40 Patrick Adler*, University of California Los Angeles-Luskin School of Public Affairs, *'You Just Get Addicted to Moving': Bike Couriers as Precarious and Satisfied Service workers.*

5:00 Sunte Schmidt*, Leibniz-Institute for Regional Development and Structural Planning Erkner; Oliver Ibert, Leibniz-Institute for Regional Development and Structural Planning Erkner, *Multiple Identities, Multi-Jobbing and Network Governance as Entrepreneurial Strategies on volatile Labour Markets. The Case of Musical Actors in Germany.*

5:20 Brian J. Hraes*, Uppsala University, *Embracing Enterprise? The Professionalization and Competitive Strategies of Local 'Guitar Heroes' in Toronto.*

Discussant(s): Betsy Donald, Queen's University

FRIDAY, FEBRUARY 24 • 4:40 PM - 6:20 PM • 1600**1662. Plans and Plats: Local Level Land Use and Community Planning (Sponsored by Regional Development and Planning Specialty Group)**

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): George Pomeroy, Shippensburg University
 CHAIR(S): George Pomeroy, Shippensburg University

4:40 George Pomeroy*, Shippensburg University, *A Review of the Proposed Update to the Franklin County, Pennsylvania Comprehensive Plan.*

5:00 John Benhart*, Shippensburg University, *An Assessment of the 1999 Franklin County, Pennsylvania Comprehensive Plan.*

5:20 Hubert B. Stroud*, Arkansas State University, *Pondering Land Use Planning Problems within Pre-Platted Communities.*

5:40 Catherine Spahr*, West Chester University; Dorothy Ives-Dewey, AICP, West Chester University, *GIS as a Tool for Historic Preservation Planning: Lessons from Newtown Township, Pennsylvania.*

6:00 Jennifer Y Pomeroy*, University of Maryland, *Linking annexation, land use change, and landscape effects.*

1663. Interactive Community GIS (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group, Association of American Geographers)

Room: Liberty 1, Sheraton, Third Floor (Interactive Short Paper Session)

ORGANIZER(S): Jun Zhu, UC Santa Barbara; Helenmary Hotz, University of Massachusetts Boston

CHAIR(S): Helenmary Hotz, University of Massachusetts Boston
4:40 Abigail Nehring*, Bard College at Simon's Rock, *Lessons after empire: places of education and the formation of a post-colonial imagined community in Kenya.*

4:45 Kevin Russell*, University of Tennessee - Knoxville, *Visualizing the Historic Landscape of Montserrat: Social Justice through Community Mapping in a Post-Colonial Environment.*

4:50 Jennifer Minner*, The University of Texas at Austin, *Commercial Strips and Urban Transition: Preservation, Adaptation, and Redevelopment Along the Road.*

4:55 Beatrice Ferrari*, Swiss Federal Institute of Technology, *Should I Stay or Should I Go? Capturing the Contemporary Urban Experiences in Beijing.*

5:00 Helenmary Hotz*, University of Massachusetts Boston; Jun Zhu, Ph.D., University of California Santa Barbara, *Using Geographic Information Technologies to Facilitate Youth, Youth Workers and Community Stakeholder Efforts.*

5:05 Mika Kumagai*, Urban Research Plaza, Osaka City University; Taku Fukumoto, Faculty of human science, Mie University, *Practical Ways of Social Inclusion in the Multicultural Society: Practices of the Social Inclusion in the Western Region of Melbourne, Australia.*

5:10 Nancy Hoalst-Pullen, PhD*, Kennesaw State University; Mark W Patterson, PhD*, Kennesaw State University; Jay D Gatrell, PhD, Indiana State University, *Vacant Geography: Neighborhood Change and the Greening of Detroit, 1975-2005.*

1664. Identifying and Defining Place

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Michael Ratcliffe, U.S. Bureau of the Census; April Avnayim, U.S. Bureau of the Census

CHAIR(S): Michael Ratcliffe, U.S. Bureau of the Census

4:40 Shonin Anacker*, U.S. Bureau of the Census, *Place and Non-Place: Lessons from the 2010 Census Designated Place Delineation.*

5:00 Sophie K Yarker*, Newcastle University, *Everyday borders:*

Exploring the lived experience of cities today.

5:20 April Avnayim*, U.S. Bureau of the Census, *Why are there 4,000 new Census Designated Places (CDPs) for Census 2010? Where are they located, what are their characteristics, and how do they differ from 2000 CDPs?.*

5:40 Levi Van Sant*, university of georgia, *Avoiding the Four Temptations: Towards a Synthetic Theory of Place.*

6:00 Timothy F. Trainor*, U.S. Bureau of the Census, *Creating a Geospatial Picture of the Nation: A Method for Identifying Places of Interest.*

1665. Writing Successfully for the Journal of Geography in Higher Education (Sponsored by International Network for Learning & Teaching Geography in Higher Education (INLT))

Room: Liberty 3, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Derek France, University of Chester; Sarah Bednarz, Texas A&M University

CHAIR(S): Derek France, University of Chester

Panelists: Robert Bednarz, Texas A&M University; Sarah Bednarz, Texas A&M University; Helen Walkington, Oxford Brookes University

1666. GaWC's Interlocking Network Model - Foundations, Applications, and Critiques - 3 (Sponsored by Urban Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Ben Derudder, Ghent University

CHAIR(S): Ben Derudder, Ghent University

4:40 Anna Growe*, TU Dortmund, *Analyzing cities through a Hub-index. Combining connectivity data and occupational data in the German urban system.*

5:00 Alain Thierstein*, Munich University of Technology; Stefan Lüthi, Munich University of Technology; Michael Hoyler, Loughborough University; Michael Bentlage, Munich University of Technology, *The world city network: a top-down versus bottom-up perspective.*

5:20 Evert Meijers*, Delft University of Technology; Martijn Burger, Erasmus University Rotterdam; Frank van Oort, Utrecht University, *Identifying networks in the polycentric mega-city region: a review of current approaches and suggestions for an alternative approach based on complementarity and related variety.*

Discussant(s): Jonathan V. Beaverstock; Peter J Taylor, Loughborough University

1667. Sexual Citizens, Nations, and States: Spaces of Affect, Identity, and Norm (Sponsored by Political Geography Specialty Group, Sexuality and Space Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Derek Ruez

CHAIR(S): Derek Ruez

4:40 William Payne*, York University, *Death-squads contemplating queers as citizens: What Colombian paramilitaries are saying.*

5:00 Joanna Fax*, Rice University, *Laboring for the State in Lesbian Pulp: Tracing Postwar Homonationalism in Paula Christian's The Edge of Twilight.*

5:20 Rebecca Lane*, University of Kentucky, *The Reproductive Threat and the Violence of Abandonment.*

5:40 Claire Rasmussen*, University of Delaware, *From Pink to Red: Queer Subjects from the Homosexual Menace to Citizen Soldiers.*

6:00 Derek Ruez*, University of Kentucky, *Racializing Cultures, Sexualizing Nations: Sexuality and Immigration Politics in Multicultural Australia.*

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- 1670. Surviving 2012: Global environmental change, sociopolitical challenges & prospects for constructive engagements [in Rio, Washington, Durban & local communities] SESSION 3: REDD Rage (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Energy and Environment Specialty Group)**
Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Maxwell Boykoff, University of Colorado; Diana Liverman, University of Oxford
CHAIR(S): Michael Goodman, King's College London
4:40 Tracey Osborne*, University of Arizona, *Articulating Climate Justice: A Gramscian Political Ecology of REDD, CARB and the Carbon Market.*
4:57 Pheakkdey Nguon*, Clark University, *Governing the social, political, and biophysical of REDD+ projects in Cambodia.*
5:14 Pamela McElwee*, Rutgers, *Sociopolitical Challenges in "REDD Readiness": Scientific Knowledge and Social Vulnerabilities in Vietnam.*
5:31 Jessica Lehman*, University of Minnesota, *Climate Worthiness.*
Discussant(s): Bryan R. Bushley, University of Hawai'i Manoa; Diana Liverman, University of Oxford
- 1671. Geographies of Waste (5) The Remainder... (Sponsored by Cultural Geography Specialty Group, Energy and Environment Specialty Group)**
Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Alan Metcalfe, University of Portsmouth
CHAIR(S): Alan Metcalfe, University of Portsmouth
4:40 Eric Binion*, University of Victoria; Jutta Gutberlet, University of Victoria, *"Yeah, I am good. I am still standing" - A study of the perceptions of health and injuries associated with informal recycling in Buenos Aires, Argentina.*
5:00 Samantha Macbride*, Columbia U., *Three Dimensions of Coal Ash: Contested Definitions of a U.S. Industrial Waste Closely Linked to Climate Change.*
5:20 Hudson McFann*, New York University, *Left behind: children and the wastes of war.*
5:40 Jutta Gutberlet, Dr.*, UVic, *'Waste to energy' expanding the geography of despair and resistance.*
6:00 Kevin Hetherington*, The Open University, *Geographies of Disposal.*
- 1672. Non-Metropolitan Regional Development & Migration**
Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)
ORGANIZER(S): Tim Elrick, University of Erlangen-Nuremberg
CHAIR(S): Tim Elrick, University of Erlangen-Nuremberg
4:40 Lucia Lo, Professor*, York University, *Immigrant entrepreneurship in a mid-size Canadian city - Kelowna, B.C.*
5:00 Michael Woods*, Aberystwyth University, *International Mobility, Local Agency and Regional Development in the Emergent Global Countryside.*
5:20 Graeme J Hugo*, University of Adelaide; Graeme J Hugo, University of Adelaide, *Immigrant Settlement in Regional South Australia: Patterns, Problems and Policies.*
5:40 Rebecca P Pero, MA*, Queen's University, *The New Local Governance of Immigration in Canada: Regulation and Responsibility.*
Introducer: Tim Elrick
Discussant(s): Margaret Walton-Roberts, Wilfrid Laurier University
- 1673. Geographies of Gender and Rural, Small, Domestic, and Intimate Spaces (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)
ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia
CHAIR(S): Jennifer L Porter, Virginia Tech
4:40 Levi Gahman*, The University of British Columbia, *"That's Just the Way it is 'Round Here:" Gender in the Countryside.*
5:00 Jeremy Aber*, Kansas State University, *Mapping Microaggressions.*
5:20 Jennifer L Porter*, Virginia Tech; Robert Oliver, PhD, Virginia Tech, *Locating Lactation Spaces: The Lactation Support Program at Virginia Tech.*
- 1674. Approaches for Imagery and Mapping**
Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Christoph Mager
4:40 Marylise Cottet*, CNRS (UMR 5600), University of Lyon; Hervé Piégay, CNRS (UMR 5600), University of Lyon; Anne Rivière-Honegger, CNRS (UMR 5600), University of Lyon, *Videos vs photographs: what is the best medium to study the perception of fluvial (sonorous and moving) landscapes?.*
5:00 Weimin Li*, California State Polytechnic University, Pomona, *Enhancing Detailed Urban Vegetation Extraction and Classification from High Resolution Imageries with LiDAR Data.*
5:20 Qing Liu*, University of Denver, *Mapping Intra-Urban Land Use in Denver using Nocturnal Photography from the International Space Station.*
5:40 Muning Wang*, PhD Candidate, University of Washington, *Make the decision making process easier: Using a system design approach to bridge the public opinions and scientific information for routine park management.*
6:00 Christoph Mager*, Department of Geography and Geoecology, Karlsruhe Institute for Technology, *Mapping multi-scalar geographies of science: academic mobility of Nobel Laureates in the 20th century.*
- 1675. Human-Plant Geographies V: (Re)Forming Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)**
Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)
ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University
CHAIR(S): Jennifer M Atchison, University of Wollongong
4:40 Darren J. Patrick, PhD Student*, York University (Faculty of Environmental Studies), *Taming the High Line: Vagabond plants and the creation of an ecological icon.*
5:00 Susan Charnley, PhD*, USDA Forest Service; Susan S. Hummel, PhD, USDA Forest Service, *People, Plants, and Pollinators: The conservation of beargrass ecosystem diversity in the western United States.*
5:20 Christine Biermann*, Ohio State University, *The Anthropocene in Appalachia: People, Nature, and Science in a Mixed-Up World.*
5:40 Forrest R. Stevens*, University of Florida; Timothy E. Podkul, University of Florida, *Spatializing Social and Resource Management Networks: A Case Study of Irrigation and Crops in the Cotahausi River Canyon, Peru.*
Discussant(s): Maan Barua, University of Oxford

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1676. China's cognitive cultural economy and creative city-region (Sponsored by China Specialty Group, Economic Geography Specialty Group)

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge

CHAIR(S): Jessie Poon, University at Buffalo-SUNY

4:40 Andrew M Marton*, University of Nottingham Ningbo China, *Culture and Creativity: Representing the Creative in Creative Industries in China*.

5:00 Xiaoping Shen*, Central Connecticut State University; Shangyi Zhou, Beijing Normal University; Jing Zhao, University of Washington, *Trends of cultural industry development in China*.

5:20 Stefan Hennemann*, University of Giessen, *Networking Dynamics and Space: the Case of China's Biotechnology Research System*.

5:40 Ye LIU*, Department of Geography and Resource Management, The Chinese University of Hong Kong; Jianfa Shen, Dr., Department of Geography and Resource Management, The Chinese University of Hong Kong, *Modeling interprovincial skilled migration in China, 2000-2005*.

6:00 Jessie P.H. Poon*, University at Buffalo-SUNY; Qingyang Shang, University at Buffalo-SUNY, *Well-being, happiness and the creative class in China*.

1677. Political Change and Resource Conflict in the Middle-East

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Izhak Schnell, Tel Aviv University

4:40 Khalid Abaalzamat*, Qatar University, *Citizens' attitude and perception about Municipal and parliamentary elections: the case of Qatar*.

5:00 Katia H Snukal*, University of Toronto, *Law as a Site of Political Struggle: the Nissour Square Massacre*.

5:20 Khury Petersen-Smith*, Clark University, *Putting Marxists in their Place*.

5:40 Samer Alatout*, University of Wisconsin-Madison, *From the colonial encounter to globalization in historic Palestine: water, territory, biopolitics*.

6:00 Izhak Schnell*, Tel Aviv University, *Socio-Spatial Integration in Late Modern Societies: The Case of Arabs in Israel*.

1678. Understanding Climate in the Cryosphere through Observations and Models, Part 2 (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Gina Henderson, United States Naval Academy; Neil P Barton, Lawrence Livermore National Laboratory

CHAIR(S): Gina Henderson, United States Naval Academy

4:40 Julie Z. Miller*, University of Utah; Richard R. Forster, University of Utah; David G. Long, Microwave Earth Remote Sensing Laboratory; Ronny Schroeder, Jet Propulsion Laboratory; Kyle C. McDonald, Jet Propulsion Laboratory; Jason E. Box, Byrd Polar Research Center, *Snow Accumulation Rate Mapping on the Greenland Ice Sheet using Satellite Microwave Radar*.

5:00 Daniel J. Leathers*, University of Delaware; Gina R. Henderson, U.S. Naval Academy; David A. Robinson, Rutgers University, *Variability in the Annual Cycle of Northern Hemisphere Snow Cover Extent*.

5:20 David A Robinson*, Rutgers University; Thomas W Estilow, Rutgers University; Gina Henderson, U.S. Naval Academy; Daniel J Leathers, University of Delaware, *Hemispheric Snow Cover Extent Since the Late 1960s*.

5:40 Gina Henderson*, United States Naval Academy; Thomas

Mote, University of Georgia; Daniel J Leathers, University of Delaware, *A model investigation of observed linkage between regions of autumn Eurasian snow cover and North American winter temperature*.

6:00 Adam Burnett*, Colgate University, *Aggregate Lake Influence on Great Lake-Effect Snowfall in Syracuse, New York*.

1679. Remaking Spaces and Places in Africa's Cities (Sponsored by Urban Geography Specialty Group, Africa Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Garth Myers, University of Kansas

CHAIR(S): Garth Myers, University of Kansas

4:40 Garth Andrew Myers*, Trinity College, *Urban Governance and Urban Politics in East Africa: A New Era?*

5:00 Ben Page*, UCL; Claire Mercer, LSE, *A House at Home: architecture, migration and development*.

5:20 Hilary Hungerford*, University of Kansas, *A collection of neighborhoods that is called Niamey: An interrogation of urban fragmentation discourse*.

5:40 Martin J. Murray*, Taubman College of Architecture and Urban Planning, *"Building New Cities in Africa: Privatized Urbanism and the Dream of Starting Over"*.

6:00 Laurence Becker*, Oregon State University, *Land Sales in Bamako's Peri-Urban Zone: Market Logic Transforms Landscape and Social Relations*.

1680. Planning Process

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brian E Johnson, Auburn University Montgomery

4:40 Bisola Falola*, The University of Texas at Austin, *The Miseducation of Citizens as Planners: Participatory Planning in Austin, Texas*.

5:00 Raili Lakanen*, University of Toronto, *Sustainability Planning at the Edge: Long-Term Approaches to Planning Toronto's Waterfront*.

5:20 Sophie Elsmore*, King's College London, *'Part and Parcel of Planning': Planning Gain, the Planning System, and Property Development*.

5:40 Laura E. Tate, PhD*, Community Action Initiative, *Growth Management Implementation in Metropolitan Vancouver - Lessons from Actor-Network Theory*.

6:00 Brian E Johnson, PhD*, Auburn University Montgomery, *Neighborhood Covenants and Restrictions: An Examination of Fit*.

1681. Medical Geography: Cancer Distributions

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Curtis Denton, University of Connecticut

4:40 Francis P. Boscoe, Ph.D.*, New York State Department of Health, *Patterns and Trends in Thyroid Cancer Incidence in Metropolitan New York City*.

5:00 Barbara Wainwright, Ph.D.*, Salisbury University; Mara Chen, Ph.D., Salisbury University, *Analysis of Cancer Incidents in the State of Maryland*.

5:20 William C Weston, B.A.*, Southern Illinois University Carbondale, *Spatial/Statistical analysis of breast cancer incidence and environmental risk factors in Illinois, 1996-2000*.

5:40 Kevin Matthews*, University of Iowa, *Regression for Calculating Age-Adjusted Clusters of Colorectal Cancer Outcomes in Iowa*.

6:00 Curtis J Denton*, University of Connecticut; Jeffery P. Osleeb, Ph.D., University of Connecticut; Lloyd Mueller, Ph.D., Connecticut Department of Public Health; Karyn Backus, Connecticut Department of Public Health, *Evaluation of SEER*DMS Geocoding System*.

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1685. Telling Spatial Stories: Geographic Imagination and the Holocaust

Room: *New York Public Library, South Court Auditorium of the Schwarzman Building* (Panel Session)
ORGANIZER(S): Matthew Knutzen, New York Public Library
CHAIR(S): Matthew Knutzen, New York Public Library
Panelists: Anne Knowles, Middlebury College

* The New York Public Library's Schwarzman Building closes at 6:00 p.m. Those wishing to attend this session must arrive by 5:45 p.m. to be admitted to the building.

FRIDAY, FEBRUARY 24 • 6:30 PM

6:30 p.m. - 8:00 p.m.

1723 AAG OPENING SESSION and PRESIDENTIAL PLENARY

Room: *Sutton Parlor Center, Hilton, Second Floor*

Opening remarks:

Douglas Richardson, AAG Executive Director
Audrey Kobayashi, AAG President, Queen's University

Presidential Plenary: The City Beyond Symbolism

Organizer: Audrey Kobayashi, AAG President, Queen's University

Speakers: Frances Fox Piven, CUNY Graduate Center

Grace Lee Boggs

Scott Kurashige, University of Michigan

Don Mitchell, Syracuse University

Ruth Wilson Gilmore, CUNY Graduate Center

Since the AAG last met in New York City more than a decade ago, geographers have had plenty of reason to re-assess their understanding of urban life. New York City itself has of course become a symbolic focus of what it means to be safe and secure in a modern urban environment. Cities throughout the world have seen a decade of unprecedented change and challenge.

Geographers are attuned to these transformations, and achieving social justice in the contemporary city will be the theme of the 2012 AAG Presidential Plenary. AAG President **Audrey Kobayashi** will welcome five individuals whose work is synonymous with the quest for social justice in cities, and whose engagement as scholar-activists and public intellectuals has gone beyond symbolic, academic or political rhetoric to make a real difference in urban life.

Frances Fox Piven is an original thinker and tireless activist whose many books have helped us to understand the intertwined dynamics of poverty, politics, and racism. They include *Poor People's Movements: Why they Succeed, How they Fail* (with Richard Cloward, 1977), *Why Americans Still Don't Vote: And Why Politicians Want it That Way* (2000), and most recently *Keeping Down the Black Vote: Race and the Demobilization of American Voters* (2009).

Grace Lee Boggs is a much honored philosopher and public intellectual whose major writings include *Revolution and Evolution in the Twentieth Century* (with James Boggs 2008[1974]); *Conversations in Maine: Exploring Our Nation's Future* (with James Boggs, Freddy Paine, and Lyman Paine 1978); *Living for Change: An Autobiography* (1978); and recently, *The Next American Revolution: Sustainable Activism for the Twenty-first Century* (with Scott Kurashige, 2011). At 95, Grace remains much in demand as a public speaker, exceptional community activist, and weekly columnist for the *Michigan Citizen*.

Scott Kurashige, Director of Asian/Pacific Islander American Studies at the University of Michigan, has worked with Boggs for a number of years as both author and community activist. He has also published *The Shifting Grounds of Race: Black and Japanese Americans in the Making of Multiethnic Los Angeles* (2008).

Don Mitchell is a Distinguished Professor of Geography at Syracuse University whose many publications have influenced the field of social justice profoundly. They include *The Right to the City: Social Justice and the Fight for Public Space* (2003), *The People's Property?: Power, Politics, and the Public* (with Lynn Staeheli, 2008), and *Justice, Power and the Political Landscape* (edited with Kenneth Olwig, 2009).

Ruth Wilson Gilmore is Professor of Earth and Environmental Sciences at the City University of New York Graduate Center. In addition to *Golden Gulag: Prisons, Surplus, Crisis, and Opposition in Globalizing California*, she is currently working on three book projects: *Life in Hell: Or How Capitalism Saving Capitalism from Capitalism Must Fire our Political Imaginations*; *Big Things: Landscape, State Form, and the Infrastructure of Feeling*; and a collection of essays on race, polity, and place.

6:30 p.m. - 8:00 p.m.

Graduate Student Affinity Group Reception

Room: *Madison Suite, Hilton, Second Floor*

7:00 p.m. - 9:00 p.m.

Film: Soul of a People: Writing America's Story

Room: *New York Ballroom East, Sheraton*

Synopsis: *Soul of a People* (2009) is an award-winning Smithsonian documentary about America in the 1930s. In the stories of people who got jobs on the Federal Writers.

Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

SATURDAY, FEBRUARY 25 • 8:00 AM - 9:40 AM • 2100**8:00 a.m. – 9:40 a.m.****2101. Representing "meat": politics, culture and nature (Sponsored by Animal Geography Specialty Group)**

Room: Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Harvey Neo, National University of Singapore
 CHAIR(S): Harvey Neo, National University of Singapore
8:00 Nels Paulson*, University of Wisconsin-Stout, *INGOs, Hunting, and Local Legitimacy*.
8:20 Seth Baum*, Pennsylvania State University, *Perceptions of Mitigation Behaviors: Is Food Choice Overlooked?*.
8:40 Jonathan L. Clark*, Ursinus College; Andy Murray, Earthforce, Inc., *What is Meat?*.
9:00 Harvey Neo*, National University of Singapore, *Care for ourselves and our earth: constructions of meat and the vegetarian movement in Taiwan*.
 Discussant(s): Harvey Neo, National University of Singapore

2102. Practices for a post-natural history 1

Room: Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Jamie Lorimer, Kings College London; Gail Davies, University College London
 CHAIR(S): Gail Davies, University College London
8:00 Jamie Lorimer*, Kings College London; Clemens Driessen, Utrecht University, *Composing wild cows: Project TaurOs and the post-natural practices of back-breeding*.
8:20 Claire Waterton*, Lancaster University, *"Practices for a post-natural history: why a global database of species barcodes won't do. And some ideas about what possibly will"*.
8:40 Victoria Mason*, University of Oxford, *Assembling conservation within the swarm*.
9:00 Petra Hroch*, University of Alberta, *Emancipatory Entanglements/Entangled Emancipations: New Materialist "Postnaturalist" Feminism Meets Sustainable Design Practices*.
9:20 Cathrine Kramer*, The Center for Genomic Gastronomy; Zack Denfeld*, The Center for Genomic Gastronomy, *Dining in the Anthropocene: At the Planetary Sculpture Supper Club Eaters Are Agents of Selection*.

2103. Debating the Asian Century: The Promise and the Reality (Sponsored by Asian Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Elizabeth Chacko, The George Washington University; Vandana Wadhwa, Boston University
 CHAIR(S): Vandana Wadhwa, Boston University
 Introducer: Elizabeth Chacko
 Panelists: Stanley Toops, Miami University; Jamie Gillen, National University of Singapore; Mona Atia, George Washington University; Cindy Fan, UCLA; Saraswati Raju, Jawaharlal Nehru University; Nancy Lewis, East-West Center

2104. Geography of Finance (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Balázs Forman, Corvinus University of Budapest
8:00 Sven-Olov Daunfeldt, Dalarna University; Niklas Elert, Dalarna University; Niklas Rudholm*, Dalarna University, *New Start-ups and Firm In-migration -- Evidence from the Swedish Wholesale Trade Industry*.
8:20 Ali Ghasemi, 90049645*, ARION RAVAD COMPANY; Ali Ghasemi, 90049645, *Investigate The Formation Process of Industrial Places Around Tehran*.
8:40 Maria A Tucker*, University of Reading, *Geography of Public Expenditure: The spatial imagination of New Labour's Treasury, 1997-2010*.

9:00 Linda McCarthy*, University of Wisconsin, *Should State and Local Government Bidding for Business be more like eBay?*.

9:20 Balázs Forman*, Corvinus University of Budapest, *Real Conditions of Entry to Economic and Monetary Union in Greece, Slovakia, Romania and Hungary after Financial Crisis*.

2105. Gender, the Environment, and Work of the United Nations (Sponsored by Cultural and Political Ecology Specialty Group, Geographic Perspectives on Women Specialty Group, United Nations Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Monica Ogra, Gettysburg College; Jill Williams, Clark University
 CHAIR(S): Monica Ogra, Gettysburg College
 Introducer: Monica Ogra
8:05 Monica V. Ogra*, Gettysburg College, *Challenges to Gender Mainstreaming in the Wildlife Conservation Sector: Lessons from Indian NGOs*.
8:20 Everisto Mapedza*, IWMI; Everisto Mapedza, International Water Management Institute (IWMI), *Gendered access and control of irrigation and its implications for meeting the MDGs in Zimbabwe*.
8:35 Mara J. Goldman, PhD*, University of Colorado, *Implementing women's empowerment in the MDG age: the shortfalls of depoliticizing and de-coupling gender and the environment*.
8:50 Jennifer Vansteenkiste, PhD Student*, University of Guelph, *Space shaping: An international urban gardening initiative in Cap Haitien, Haiti*.
9:05 Maureen Fordham, Dr*, Northumbria University, *Gendered Disaster and Development Networks: Moving from Single to Collective Endeavours*.

2106. GIScience and Hazards 1: Assessing Risk and Vulnerability (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Hazards Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Rutherford Platt, Gettysburg College; Michael Hodgson, University of South Carolina
 CHAIR(S): Tom Cova, University of Utah
8:00 Eric Tate*, University of Iowa, *Uncertainty Analysis for a Social Vulnerability Index*.
8:20 Melanie Gall*, Louisiana State University; Phillip P Schmutz, Louisiana State University, *Assessing the Effects on Local Service Provision when Hosting Evacuees*.
8:40 Bandana Kar, Ph.D.*, University of Southern Mississippi, *What If Tropical Storm Irene was Hurricane Katrina or Ivan?*.
9:00 Deborah Thomas*, University of Colorado Denver; Debra Kreisburg, University of Colorado Denver; Morgan Valley, University of Colorado Denver; Shannon Newell, University of Colorado Denver; Enessa Janes, University of Colorado Denver; Charles Little, University of Colorado Denver, *An Integrated Approach to Assessing Vulnerable Populations for Hospital Disaster Planning*.
9:20 Jacqueline W. Mills, Ph.D.*, California State University Long Beach; Andrew Curtis, Ph.D., University of Southern California, *Playgrounds in Post-Disaster Environments: Racial Disparity in Access to Resources and Exposure to Hazards in New Orleans Neighborhoods*.

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- 2107. Transition Theory, Coupled Human-Natural Systems, and Geography: Cross-Connections and Opportunities for Analysis (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Water Resources Specialty Group)**
Room: *Concourse G, Hilton, Concourse Level* (Panel Session)
 ORGANIZER(S): William Solecki, Hunter College; Conor Murphy, National University of Ireland
 CHAIR(S): William Solecki, Hunter College
 Panelists: Robert Kates, Independent Scholar; Barbara Morehouse; Harriet Bulkeley, Durham University; Jeremy Schmidt, University of Western Ontario; Conor Murphy, National University of Ireland
- 2108. Local Sustainability and Environmental Stewardships (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)**
Room: *Beekman Parlor, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Xiaodong Chen, University of North Carolina at Chapel Hill
 8:00 Shew-Jiuan B. Su, Professor*, National Taiwan Normal University, *Navigating Communities to Build Local Sustainability- a Geopark Case in Penghu Archipelagos, Taiwan.*
 8:20 Andrew R Pfluger*, US Military Academy; Chevelle Malone*, United States Military Academy, *An Analysis of the Sustainability of the Kissimmee River Canalization Project and Restoration Project.*
 8:40 Weston Brinkley*, Forterra, *Exploring Stewards' Experiences: Volunteer Environmental Restoration in the Puget Sound as a Social and Ecological Solution.*
 9:00 Anya Butt*, Central College, *Encouraging student participation in campus sustainability: developing a capstone experience.*
 9:20 Xiaodong Chen*, University of North Carolina at Chapel Hill, *Valuing ecosystem services for effective conservation design in payments for ecosystem services.*
- 2110. Hurricanes VI: Paleotempestology/Environmental monitoring (Sponsored by Coastal and Marine Specialty Group)**
Room: *Clinton Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Harry Williams, University of North Texas; Kam-Biu Liu, Louisiana State University
 CHAIR(S): Harry Williams, University of North Texas
 8:00 Daria Nikitina*, West Chester University of Pennsylvania, *Hurricane Landfalls and Salt Marsh Erosion along the Delaware Bay Shore, New Jersey, USA.*
 8:20 Ronald Busciolano, U.S. Geological Survey; Christopher Schubert*, U.S. Geological Survey, *Tracking the storm tide from Hurricane Irene as it moved up the coast and made landfall in New York.*
 8:40 Lisa Ellyn Park, PhD*, University of Akron, *Comparing Two Late Holocene Hurricane Records from San Salvador Island, Bahamas.*
 9:00 Sojan Mathew*, Bureau of Economic Geology; Jeffrey G Paine, Bureau of Economic Geology; Tiffany L Caudle, Bureau of Economic Geology; Reuben Reyes, Bureau of Economic Geology, *Annual to Decadal Morphodynamics of the Beach-Foredune System along the Texas Upper Coast.*
 9:20 David M. Cochran*, University of Southern Mississippi; Carl A Reese, University of Southern Mississippi; Kam-biu Liu, Louisiana State University, *Using Lagoon Sediments, Local Memories, and Archival Records to Search for Old Storms on the Mosquito Shore.*
- 2111. Evolutionary Economic Geography IV - Breaking Routines and Creating New Paths (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)**
Room: *Gibson Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Dieter Franz Kogler, University College Dublin; Andy Pike, Newcastle University
 CHAIR(S): David Rigby, UCLA
 8:00 Danny Mackinnon*, University of Glasgow; Kate Driscoll Derickson, Dr, Georgia State University, *Beyond Regional Resilience: Social Relations, Scale and Adaptation.*
 8:15 Stuart Dawley, Dr*, CURDS, Newcastle University; Andy Pike, Professor, CURDS, Newcastle University, *Creating new paths?: Agents, the state and peripheral region development.*
 8:30 Paul S Plummer*, University of Calgary; Matthew Tonts, University of Western Australia, *Path Dependence, Place Dependence, and the Evolution of a Patchwork Economy: Evidence from Western Australia, 1984-2010.*
 8:45 Josephine V Rekers*, Lund University, *Organizational innovation and collaboration: Localized assets in the health and welfare sector.*
 9:00 Isaac Tucker*, University College Dublin; Dieter F. Kogler, University College Dublin, *Spatio-Sectoral Evolution of Technology Networks.*
 Discussant(s): Koen Frenken, Eindhoven University of Technology
- 2112. Policing Geographies: representations, materialities, practices. Session one**
Room: *Gramercy Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Olivia Stevenson, University of Glasgow
 CHAIR(S): Olivia Stevenson, University of Glasgow
 8:00 Justus L. Uitermark*, University of Amsterdam; Walter Nicholls, University of Amsterdam, *From Politicization to Policing. The banality of injustice in the post-political city.*
 8:20 Bernd Belina*, Goethe University Frankfurt, *Spatial fetishism made real: policing race through space.*
 8:40 Olivia Stevenson*, University of Glasgow; Hester Parr, University of Glasgow; Nick Fyfe, University of Dundee; Penny Woolnough, Grampian Police & Scottish Institute for Policing Research, *'The misper': police case files and writing geographies of missingness.*
 9:00 Mario Bruzzone*, University of Wisconsin-Madison; Keith Woodward, University of Wisconsin-Madison, *The Touch of the State.*
 9:20 Marcia England*, Miami University, *Policing of bodies: Private acts, public spaces.*
- 2113. Race and Spatial Segregation in North America**
Room: *Gramercy Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Zac Henson, University of California, Berkeley
 8:00 Keumseok Koh*, Michigan State University; Sue Grady, Ph.D. MPH., Michigan State University, *A Spatial Measurement of Racial Residential Segregation in the Lower Michigan 2000-2010.*
 8:20 Myer Siemiatycki*, Ryerson University, *Race & the Election Race: Running Towards Inclusion?.*
 8:40 Jaerin Chung*, Kent State University, *A Case Study of Spatial Unevenness: Rethinking of politics and space of Cleveland, OH.*
 9:00 Nancy Perry*, George Mason University, *Black Residential Patterns in Segregated Arlington, Virginia.*
 9:20 Zac Henson*, University of California, Berkeley; Genevieve Munsey, Graduate Student, San Francisco State University, *Race, Space, Habitus: Segregation and Local Food in Birmingham, Alabama.*

SATURDAY, FEBRUARY 25 • 8:00 AM - 9:40 AM • 2100**2114. Labor Crisis: New Geographies of Class Struggle (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)**

Room: *Lincoln Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Nathan Clough, University of California, Davis
 CHAIR(S): Nathan Clough, University of California, Davis
8:00 Romain Felli*, University of Manchester, *International Unions climate strategies: renewal and contradictions in global labor's environmentalism.*
8:15 Nathan Clough, Ph.D.*, The University of Minnesota, Duluth, *Revolutionary Hipsters: Affective labor and the contradictions of black collar organizing.*
8:30 Chris Benner, Ph.D.*, University of California Davis, *Beyond Jobs: Livelihoods, Community-Based Careers and the Regional Workplace.*
8:45 James P Nugent*, University of Toronto, *Becoming Green: Labour-environmentalism and the Production of Canada's Green Economy.*
9:00 Eli Meyerhoff*, University of Minnesota, *The University of Class War: Experimenting with Commons within, against, and beyond the Regime of Education.*
 Discussant(s): Garnet Kindervater, University of Minnesota - Minneapolis

2115. Beyond the Ivory Tower A: Preparing Geographers for Business and Private Sector Careers (Sponsored by Private/Public Affinity Group, Applied Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))

Room: *Madison Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers
 CHAIR(S): Michael N. Solem, Association of American Geographers
 Discussant(s): Beth Schlemper, University of Toledo
 Panelists: Linda A. Peters, Esri; Robert George, Rite-Aid Corporation; Amy Blatt, Quest Diagnostics; Michael Ziolkowski, Ingram Micro; Dave Miller, Walgreens; Kate Edwards, Englobe Inc.

2116. The Biopolitics of Climate Change Security I: Managing Adaptation (Sponsored by Political Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Kevin Grove, Dartmouth College; Julian Reid, University of Lapland
 CHAIR(S): Julian Reid, University of Lapland
8:00 Marjo Lindroth*, Arctic Centre, University of Lapland, *Indigenous climate responsibility: Two readings of a debate.*
8:15 Sophie Webber*, University of British Columbia, *Climate Change Adaptation as Biopolitics?.*
8:30 Monica Tennberg, Arctic Centre, University of Lapland; Heidi Sinevaara-Niskanen*, University of Lapland, *Governing the uncertain: a practice theory approach to climate change adaptation.*
8:45 Elspeth Oppermann, PhD Candidate*, Lancaster University, Lancaster Environment Centre, *Securing Climate Change: the changing problematization of adaptation at the UK Climate Impacts Programme 1997 to 2011.*
9:00 Kevin Grove*, Dartmouth College, *From Emergency Management to Managing Emergence: A Genealogy of Disaster Management in Jamaica.*
 Discussant(s): Emily Gilbert, University of Toronto

2117. Energy and crises of capitalism I: technopolitics, markets and the low-carbon economy (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Mazen Labban, Rutgers University
 CHAIR(S): Mazen Labban, Rutgers University
8:00 Emilia Kennedy*, The University of British Columbia, *Political labours of technology: Carbon capture in "Energy Province" Alberta.*
8:20 David Correia*, University of New Mexico, *The Properties of Natural Gas: The Anti-Crisis Politics of Coalbed Methane in Northern New Mexico.*
8:40 Sally Weller, Dr.*, Victoria University, *Is it politically feasible to introduce a carbon tax to stimulate energy sector innovation?.*
9:00 Michael K. Heiman*, Dickinson College, *Tightening Whose Belt?; Can a Carbon Tax Address Structural Problems Inherent With Neoliberal Carbon Markets?.*
 Discussant(s): Gavin Bridge, University of Manchester

2118. Geographies of Media I, "The Vanishing City" (2009): New York Gentrification, Globalization, and Documentary Film (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: *Murray Hill Suite B, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Amanda Rees, Columbus State University; Christopher Lukinbeal, University of Arizona
 CHAIR(S): Amanda Rees, Columbus State University
 Introducer: Amanda Rees
 Discussant(s): Joseph Palis, North Carolina State University; Ken Hillis, University of North Carolina - Chapel Hill; Christopher Lukinbeal, University of Arizona; Altha J Cravey, University of North Carolina

2119. Geographies of Craft and Crafting I (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: *Nassau A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Kendra Strauss, University of Glasgow; Doreen Jakob, University of Exeter / UNC Chapel Hill
 CHAIR(S): Kendra Strauss, University of Glasgow
8:00 Katie McCollough*, Rutgers University, *Scrapbooking Lives: An Affective, Ritualized Care Apparatus.*
8:20 Oona Morrow*, Clark University, *Urban homesteading: gender and self-provisioning in the city.*
8:40 Katherine Mary Stewart*, IGES, Aberystwyth University, *Geographies of Craft and Crafting: Critical Perspectives on the Transition Culture movement..*
9:00 Jasna Sersic, PhD student*, Department of Social and Economic Geography, Uppsala University, *Craftsmanship and creativity in the age of global economy.*
9:20 Andrew Warren*, University of Wollongong, Australia, *Soulful production: place, precarity and craftsmanship in the custom surfboard industry.*

2120. Reimagining affordable, sustainable settlements: (i) beyond the market (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: *Nassau B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Helen Jarvis, University of Newcastle Upon Tyne; Rae Dufty-Jones, University of Western Sydney
 CHAIR(S): Helen Jarvis, University of Newcastle Upon Tyne
8:00 Rae Dufty-Jones, Dr*, University of Western Sydney, *Mobility and sustainable housing forms: barrier or opportunity?.*
8:20 Dallas Rogers*, University of Western Sydney, *The coordination of time and space within market-centric*

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urban policy: The case of the Bonnyrigg Living Communities Project.

8:40 Alex Baumann*, University of Western Sydney, *Making our Neighbourhood Work: Exploring a new perspective in social housing.*

9:00 Kara S Luckey*, University of Colorado; Jeremy Nemeth, PhD, University of Colorado, *Planning for gentrification: Are social equity conflicts acknowledged in planning fixed-rail transit?.*

9:20 Narae Choi*, University of Oxford, *Urban Displacement and Suburban Resettlement: a case-study of informal settlements in Metro Manila.*

2121. Information Geographies: Online Power, Representation and Voice

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark Graham, University of Oxford; Matthew Zook, University of Kentucky

CHAIR(S): Matthew Zook, University of Kentucky

8:00 Björn Surborg*, Trinity College Dublin, *Creating an image: Cape Town's tour operators' self-representation on the web.*

8:20 Mark Graham, PhD*, University of Oxford; Matthew Zook, PhD, University of Kentucky, *Augmented realities and uneven geographies: exploring the geolinguistic contours of the Web.*

8:40 Jens Riegelsberger*, Google; Brent Hecht, Northwestern University; Matt Simpson, Google; Michelle Lee, Google, *Citizen Cartographers: Tools, Challenges, Opportunities.*

9:00 Muki Haklay*, University College London, *'Nobody wants to do council estates' - digital divide, spatial justice and outliers.*

9:20 Jeremy Crampton*, University of Kentucky, *Spooks, Scholars and Secrets: Geographies of "Volunteered" and Open Source Intelligence (OSINT).*

2123. Permeable and Ambiguous Borders: Superimposition and Interpenetration in Closed Social Spaces

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Claudia Zamorano, Center of Research and Advanced Studies in Social Anthropology (CIESAS), Mexico; Pamela Colombo, Consejo Superior de Investigaciones Científicas (CSIC)

CHAIR(S): Matilde Córdoba Azcárate

Introducer: Matilde Córdoba Azcárate

8:05 Claudia Zamorano, Dr.*, Center of Research and Advanced Studies in Social Anthropology (CIESAS), Mexico, *Fortification: Precondition for gentrification in development contexts?.*

8:22 Virginie Baby Collin, Associate Professor*, Aix Marseille Université, UMR CNRS Telemme, MMSH (France), Visiting scholar, University of Columbia, New York City (2010-2012), *Transnational social spaces: Erasing, making use of, or suffering from international borders? A look at Bolivian families scattered by international migrations.*

8:39 Idalina Baptista*, University of Oxford; Matilde Córdoba Azcárate, the Graduate Center; Fernando Domínguez Rubio, NYU, *Enclosures, uneven development and the governance of hurricanes and tourists in Cancún (Yucatan, Mexico).*

8:56 Pamela Colombo*, Institute of Philosophy, Spanish National Research Council (CSIC), Spain., *Building Borders for Disappearance: Concentration Camps During the Last Dictatorship in Argentina.*

Discussant(s): Setha Low

2124. Remembering ... what? Memory, identity and politics I

Room:

Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Audra El Vilaly, The University of Arizona; Jacob Miller, University of Arizona

CHAIR(S): Audra El Vilaly, The University of Arizona

Introducer: Audra El Vilaly

8:00 Chris Courtheyn*, UNC Chapel Hill, *"Memory is the strength of our resistance": Geographies of peace in Colombia.*

8:20 Tea Tverin*, University of Exeter; Michael Leyshon, Dr., University of Exeter, *Giving Children the Chance to be Children: Memory, Identity and Holidays in the Countryside.*

8:40 Audra El Vilaly*, The University of Arizona, *of sands and slaves: Memory, identity, and dependency in Mauritania.*

9:00 Mathilde Leduc-Grimaldi*, RMCA, *Reconstructing Henry. Memories, Politics, and the Reshaping of Henry M. Stanley in Belgium & the Democratic Republic of the Congo (DRC).*

9:20 Paul Harrison*, Durham University, UK, *Strange Witness. Rachel Whiteread's art of the immemorial.*

2125. Just Development 1

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Bhaskar Vira, University of Cambridge;

Philippa Williams, University of Cambridge

CHAIR(S): Bhaskar Vira, University of Cambridge

8:00 Philippa J Williams, PhD*, University of Cambridge, *Justice matters in development.*

8:20 Rajesh Sampath, Ph.D.*, Brandeis University, *Empirical Realities of Just Development in Sen's The Idea of Justice.*

8:40 Jonathan Pugh*, Newcastle University, UK, *Justice, Stanley Cavell and acknowledging the other.*

Discussant(s): Bhaskar Vira, University of Cambridge

2129. Department Chairs Symposium: Developing Effective Strategic Plans and Program Reviews

Room: Mercury Ballroom, Hilton NY, Third Floor (Panel Session)

Please see full description on page 17

2130. Changing Patterns of Segregation in Europe and the United States 1 (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Bo Malmberg, Stockholms Universitet;

William Clark, University of California - Los Angeles

CHAIR(S): Bo Malmberg, Stockholms Universitet

8:00 David Wong*, George Mason University, *Measuring local segregation: a revisit.*

8:20 Ian Shuttleworth, Archaeology and Palaeoecology, QUB, Belfast; John Östh*, Social and Economic Geography, Uppsala University & Stockholm University, *The geographical distribution of unemployment and economic inactivity in Northern Ireland and Sweden 1991 and 2001: Concentration or dispersion?.*

8:40 Ryan M Good*, Rutgers University, *Stepping Away From the Fire: Toward a Research Agenda Characterizing Stable Income Diversity.*

9:00 Zara Bergsten*, The Institute for Housing and Urban Research, Uppsala University; Zara Bergsten, PhD in Human Geography, The Institute for Housing and Urban Research, Uppsala University, *Better prospects through social mix? A multilevel analysis of the relationship between the neighborhood respectively the school context and students' school performances.*

9:20 John Logan*, Brown University; Weiwei Zhang, Brown University; Hongwei Xu, University of Michigan; Youshe Li, Brown University, *Measuring Segregation: The Relevance of Spatial Scale and Arbitrary Boundaries.*

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- 2132. Climate, the Environment, and Sustainable Communities**
Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Alice Mulder, Weber State University
8:00 Alexander H Grennor*, Rowan University, *Is New Jersey the Saudi Arabia of Rooftops? The potential for PV on NJ's existing buildings.*
8:20 Darren Ruddell*, University of Southern California; Sharon L Harlan, Arizona State University; Susanne Grossman-Clarke, Arizona State University; Gerardo Chowell, Arizona State University, *Scales of Perception: Public Awareness of Regional and Neighborhood Climates.*
8:40 Mary Jo Lavelle, BA MA*, NUI, GALWAY, *A geography of sustainable household consumption and sustainable lifestyles: a case study from Ireland.*
9:00 Alice E. Mulder*, Weber State University, *Greening the Campus: Challenges and Achievements in Bringing Sustainability to Weber State University, Utah.*
9:20 Jeff Martin, Ph.D.*, Jacksonville University, *Prevailing Tracks of Potentially Landfalling Tropical Storms in North America.*

- 2133. State Making and Governmentality**
Room: *Trianon Ballroom, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Toni Ahlqvist, VTT Technical Research Centre of Finland
8:00 Robyn Rodriguez*, University of California Davis, *The Labor Sending State as a Determinant of International Migration: A Conceptual Framework.*
8:20 Wesley J Reisser, Ph.D.*, George Washington University, *Woodrow Wilson's Maps & the Paradigm Shift From the Imperial to the Nation-State World.*
8:40 Allan Charles Dawson*, Drew University; Ismael Vaccaro, McGill University, *Traditional space and governmentality: Integrating pre-modern territorialities within the nation state.*
9:00 Steven M Radil*, Ball State University, *Forging democracies: The territorial practices of state making and war diffusion in post-Cold War Africa.*
9:20 Toni Ahlqvist*, VTT Technical Research Centre of Finland, *State vigour as potential governmentality in Finland.*

- 2135. Fluvial Geomorphology I (Sponsored by Geomorphology Specialty Group)**
Room: *East Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Inci Guneralp, Texas A&M University; James Riley, Eastern Illinois University
 CHAIR(S): James Riley, Eastern Illinois University
8:00 Jacqueline Gallagher, Ph.D.*, University of Mary Washington, *Fluvial changes in a small urban watershed: Fredericksburg, VA.*
8:20 Andrew R Dewitt*, Missouri State University; Robert T Pavlowsky, PhD, Missouri State University, *Channel Morphology Regime Equations for the James River, Southwest Missouri Ozarks.*
8:40 John D Gartner*, Dartmouth; Francis J Magilligan, Dartmouth College; Carl E Renshaw, Dartmouth College, *Dam Removal on the Ashuelot River, New Hampshire: a natural scale experiment in sandy and coarse-grained channels.*
9:00 Laura Alvarez*, Arizona State University; Mark Schmeckle, Faculty, Arizona State University, *Laboratory modeling of sandbar bank erosion, application to diurnal stage variations in Grand Canyon.*
9:20 Melinda D. Daniels*, Kansas State University; Katie H. Costigan, Kansas State University, *Damming the Prairie: Human Alteration of Great Plains River Regimes.*

- 2136. Migration and Activism I**
Room: *Green Room, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Nick Gill, Exeter Unviesity; Deirdre Conlon, Emerson College
 CHAIR(S): Nick Gill, Exeter Unviesity
8:00 Kate Smith*, The University of Huddersfield, UK, *Narratives of resistance: listening to women refugees in the United Kingdom.*
8:20 Louise Warner*, RSPOPUK; Louise Warner, RSPOPUK; Arlene Audergon, DR, RSPOPUK & CFOR, : *Being the world- embodied wisdom in movements of resistance and change regarding global migration.*
8:40 Deirdre Conlon, Ph.D.*, Saint Peter's College, *Emotional Geographies of Migrant Advocacy and Activism.*
9:00 Kye Askins*, Northumbria University, *Being together: everyday activism and emotion.*
 Discussant(s): Louise Waite, University of Leeds

- 2137. Heritage tourism: managing place identity (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: *Harlem Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Alison M Gill, Simon Fraser University
 CHAIR(S): Christa A Smith, Clemson University
8:00 Miha Koderman*, Slovenia, *'The visit made history come alive' - Selected characteristics of roots tourism in Slovenia.*
8:20 Caitlin L Curtis*, University at Buffalo, *Planning for Archaeotourism in Western Turkey: A GIS Approach to Heritage Preservation.*
8:40 Christine Rosenfeld*, Pennsylvania State University, *Gazing at the Tropical Other: Origin, Evolution, and Modern Appearance of US-Constructed Cuban Place-Identities.*
9:00 Samuel Smith*, University of Colorado, *Narrating Independence: Site Presentation and Regional Imagination in a Colorado Ghost Town.*
9:20 Christa A Smith*, Clemson University; William Terry, Clemson University, *Cruisin' for a Bruisin': Historic Preservation vs. Carnival Cruise Line in Charleston, SC.*

- 2139. Geospatial Technologies in Viticulture and Wine Production (Sponsored by Wine Specialty Group)**
Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Gregory Jones, Southern Oregon University
 CHAIR(S): Gregory Jones, Southern Oregon University
8:00 Kelly Hibbeler*, Tarleton State University, *Regional variation in declining populations of bacteria-transmitting insect vector, Homalodisca vitripennis, in vineyards in the Texas Hill Country.*
8:20 David R Green*, University of Aberdeen; Matthew D Dickinson, University of Aberdeen, *Mobile Field Data Collection in the UK Vineyard.*
8:40 Peter Sforza*, Virginia Tech; Thomas Dickerson, Virginia Tech; Erica Adams, Virginia Tech; Tony Wolf, Virginia Tech, *Web-based, GIS vineyard site evaluation for Eastern US viticulture.*
9:00 Mark Guizlo*, Lakeland Community College, *Development of a large scale database for land suitability modeling of wine grape production in the Grand River and Lake Erie AVAs in Ohio.*
9:20 Alan N. Lakso, Dr. *, Cornell University; Olga Shaposhnikova, Dr., Odessa Agricultural University, Odessa, Ukraine; Art DeGaetano, Dr., Cornell University; Nathan Krause, Institute for Application of Geospatial Technologies; Richard Piccioni, Cornell University; Timothy Martinson, Cornell University, *GIS Applications for Vineyard Site Selection in New York, a Marginal Climate for Cold-Tender Wine Grapes.*

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- 2141. Coupled Socio-Ecological Systems in Urban Environments - Session 1 (Sponsored by Urban Geography Specialty Group, Spatial Analysis and Modeling Specialty Group, Energy and Environment Specialty Group)**
Room: *Midtown Suite, Hilton, Fourth Floor (Paper Session)*
 ORGANIZER(S): Suchi Gopal, Boston University; Anne Short, Boston University
 CHAIR(S): Suchi Gopal, Boston University
8:00 Anne Short*, Boston University; David Kittredge, University of Massachusetts Amherst; Lucy Hutya, Boston University, *Conservation Awareness along the Urban-Rural Gradient*.
8:15 Colin Polsky, PhD*, Clark University; Paige Warren, PhD, UMASS-Amherst; Robert Ryan, PhD, UMASS-Amherst; Craig Nicolson, PhD, UMASS-Amherst; Eric Strauss, PhD, Loyola-Marymount, *Urban Ecology in Greater Boston: Integrating Observations, Perceptions and Needs in an ULTRA-ex Project*.
8:30 Marian Chertow*, Yale School of Forestry and Environmental Studies; Karen Seto, Yale School of Forestry and Environmental Studies, *Human-Nature Interactions in an Urbanized Island Setting: Hilo and Kailua-Kona, Hawai'i as Model Socio-Ecological Systems*.
8:45 Suchi Gopal, Professor*, Boston University; Mallory Nomack, Boston University, *Fuzzy Classification of the Urban-Rural Gradient of Metro Boston*.
9:00 Fenda A Akiwumi, PhD*, University of South Florida; David B Lewis, PhD, University of South Florida; Shawn M Landry, University of South Florida; Rebecca K Zarger, PhD, University of South Florida; Mark C Rains, PhD, University of South Florida; Kenneth A Nilsson, University of South Florida; Cornelius O Adjei, University of South Florida; Sharon J Feit, University of South Florida; Gina M Larson, University of South Florida; Ralph B Perkerson, University of South Florida; Paul E Thurman, University of South Florida; Thomas L Chrisman, PhD, University of South Florida; Susan S Bell, PhD, University of South Florida; Carl C Trettin, USDA Forest Service, *Urban Development, Power Relations, and Water Redistribution as Drivers of Wetland Change in the Tampa Bay Region Socioecosystem*.
- 2142. Geographies of Austerity (Sponsored by Economic Geography Specialty Group)**
Room: *New York Suite, Hilton, Fourth Floor (Paper Session)*
 ORGANIZER(S): Betsy Donald, Queen's University
 CHAIR(S): Ron Martin, University of Cambridge
8:00 Michael Kitson*, University of Cambridge, *The geographies of austerity*.
8:20 Linda Lobao*, Ohio State University; Lazarus Adua, Dr., The Ohio State University, *Local Governments' Austerity Policies across the U.S. : Regional and Institutional Patterns*.
8:40 Amy Glasmeier*, Massachusetts Institute of Technology; amy k glasmeier, professor, MIT, *Austerity in America: Gender and Community Consequences of Restructuring the Public Sector*.
 Discussant(s): Linda McDowell, University of Oxford; Mia Gray, University of Cambridge; Susan M. Christopherson, Cornell University
- 2144. Sexuality and Citizenship: The Contemporary Politics of Same-Sex Marriage (Sponsored by Political Geography Specialty Group, Sexuality and Space Specialty Group)**
Room: *Conference Room B, Sheraton, Lower Level (Paper Session)*
 ORGANIZER(S): Benjamin Forest, McGill University
 CHAIR(S): Benjamin Forest, McGill University
8:00 Dominic Popowich, McGill University; Benjamin Forest*, McGill University, *Cultural Values or Economic Status?: Maine's 2009 Referendum on Same-Sex Marriage*.
8:20 Benjamin Anderstone*, University of Puget Sound; Michael Brown, University of Washington Seattle; Lawrence Knopp*, University of Washington Tacoma; Richard Morrill, University of Washington Seattle, *The Culture Wars and Electoral Politics Redux: An Analysis of a 2009 Domestic Partnership Referendum in Washington State*.
8:40 Thomas Chapman*, Old Dominion University, *Sexual Politics and the Sunshine State: Electoral Geographies of Florida's Marriage Protection Amendment*.
9:00 Jonathan Leib*, Old Dominion University; Thomas Chapman, Old Dominion University; Gerald Webster, University of Wyoming, *Electoral Geographies of Same-Sex Marriage Referenda in the United States: National and Regional Perspectives*.
 Discussant(s): Claire Rasmussen, University of Delaware
- 2145. Japanese Cities in Global Networks I (Sponsored by Asian Geography Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)**
Room: *Conference Room C, Sheraton, Lower Level (Paper Session)*
 ORGANIZER(S): Cary Karacas, College of Staten Island; Paul Waley, University of Leeds
 CHAIR(S): Cary Karacas, College of Staten Island
 Introducer: Cary Karacas
8:01 Carola Hein*, *Japanese Cities in Global Context*.
8:16 Paul Waley, Dr*, University of Leeds, *Using a Chinese perspective to place Japanese cities in regional context*.
8:31 Tristan R Grunow*, University of Oregon, *Western Urban Planning and Japanese Colonialism: Street Improvements in Meiji Tokyo and Colonial Seoul*.
8:46 Cary Karacas*, City University New York - College of Staten Island, *Planning (for) Urban Destruction: The U.S. View of Japan's Cities during and after World War II*.
9:01 Susan P Taylor*, The University of Tokyo, *Used Book Markets, City, and Nation in Japan and South Korea*.
- 2146. Qualitative GIS Symposium IV: Practice and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**
Room: *Conference Room D, Sheraton, Lower Level (Paper Session)*
 ORGANIZER(S): Mei-Po Kwan, Ohio State University; Matthew W. Wilson, University of Kentucky
 CHAIR(S): Matthew W. Wilson, University of Kentucky
8:00 Trevor M Harris*, West Virginia University; Frank LaFone, West Virginia University, *Spatialized tag clouds: QGIS, the spatial humanities, and spatializing text*.
8:20 Rina Ghose*, University of Wisconsin Milwaukee, *Challenges to Qualitative PPGIS in the Context of Neoliberalization*.
8:40 Marketta Kytta*, Aalto University, *SoftGIS methodology in place-based research and in participatory urban planning*.
9:00 Mavuto D. Tembo*, National University of Ireland Maynooth, *Breaking barriers of knowledge with Participatory GIS*.
 Discussant(s): Barbara Poore, United States Geological Survey

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- 2147. Spatiotemporal Thinking and Computing I --- How do we think and compute spatiotemporally in geography? (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)**

Room: Conference Room E, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Chaowei Yang, CISC/GMU; Keith C. Clarke, University of California, Santa Barbara
CHAIR(S): Chaowei Yang, CISC/GMU

8:00 J. Ronald Eastman, PhD*, Clark University; Qingling Wu, Clark University Graduate School of Geography, *Extended Empirical Orthogonal Teleconnection (EEO) Analysis for the Study of Coupled Earth Systems*.

8:20 Jeongman Lee, Associate Professor*, Seoul National University, *On 'Time-Space Control' and Happiness*.

8:40 Zachary A. Kiss*, Rowan University; John Finn, Ph.D., Rowan University, *Anatomy of an Operating Room: A Time-Space Analysis of the Wood Center at the Children's Hospital of Philadelphia*.

9:00 Chao Chen*, Central Michigan University, *A spatial-temporal approach to explore the credibility of Volunteered Geographical Information*.

Discussant(s): James Bothwell, University of Oklahoma

- 2148. Virtual Communities I: Social Media (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Communication Geography Specialty Group)**

Room: Conference Room F, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Robert Raskin, Jet Propulsion Lab
CHAIR(S): Robert Raskin, Jet Propulsion Lab

8:00 Youliang Qiu*, University of Florida; Zengwang Xu, *Embedded Metadata Thumbnail for Better Geographical Social Computing*.

8:20 Vijay Barve*, University of Kansas, *Extracting Geographical Information from Social Network Sites*.

8:40 Andrew Mondschein*, NYU Wagner Graduate School of Public Service, *Passeggiata Nuova: Social Travel in the Era of the Smartphone*.

9:00 James Baginski*, Ohio State University, *Friending the Feds: Analyzing Citizen-Government Interaction through Social Media*.

9:20 Keumsook Lee*, Sungshin Women's University; Moo Young Choi, Seoul National University; Hyun Woong Kwon, Seoul National University; Ho Sung Kim, Sungshin Women's University, *Modeling dynamics of tweets on Twitter*.

- 2150. Small Area Estimation Methods, Uncertainty, and Applications 1 (Sponsored by Geographic Information Science and Systems Specialty Group, Population Specialty Group, Spatial Analysis and Modeling Specialty Group)**

Room: Conference Room H, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Robert Stewart, Oak Ridge National Laboratory; Amy Rose, Oak Ridge National Laboratory
CHAIR(S): Nicholas Nagle, University of Tennessee

8:00 Lisa Jordan, PhD*, *Uncertainty and Small Area Estimates: Visualizing Sampling Error in the American Community Survey Estimates, 2005-2009*.

8:20 Marissa Taddie, MPH*, University of Utah, Department of Geography; Jim VanDerslice, PhD, University of Utah, Division of Public Health; Josh Groeneveld, MS, University of Utah, Department of Geography; Sam Allen, University of Utah, Division of Public Health, *Development and Validation of a Dasymmetrically Apportioned Population Model for Environmental Exposure Estimates*.

8:40 Robert N Stewart, Ph.D.*, Oak Ridge National Laboratory, *Eliciting and Transforming Population Density Knowledge into a Bayesian Prior Probability Distribution*.

9:00 Eddie Bright*, Oak Ridge National Laboratory; Amy Rose, Oak Ridge National Laboratory; Eric Weber, Oak Ridge National Laboratory; Jessica Moehl, Oak Ridge National Laboratory, *Data Conflation to Improve the Spatio-temporal Resolution of Population Distribution Models*.

9:20 Min Sun*, George Mason University; David W. Wong, George Mason University; Barry Kronenfeld, Eastern Illinois University, *Determining map classes under data uncertainty*.

- 2151. Polar Geographies IV: Economic Systems in the Polar Regions (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Cryosphere Specialty Group)**

Room: Conference Room I, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland

CHAIR(S): Mark Carper

8:00 Philip A Cavin*, University of Northern Iowa; Andrey N Petrov, University of Northern Iowa, *Engaging cultural capital: Arctic 'bohemia' as a factor of regional development*.

8:20 Elisabeth Öfner, scientific collaborator*, University of Vienna, Austria, *Workforce for the Russian North - the historical dimension of long-distance commute worker*.

8:40 Tuomas Kristian Suutarinen*, University of Helsinki, *Restructuring of mining community in the Russian North - achieving the success through recreation of the existing?*.

9:00 Vesa Rautio*, University of Helsinki, *Noril'sk Nickel: A Global Company?*.

Discussant(s): Chris Southcott, Lakehead University

- 2152. Socio-environmental conflicts I: rural and lowland Latin America (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: Conference Room J, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Carlos Reboratti

CHAIR(S): Stephen Aldrich

Introducer: Carlos Reboratti

8:05 Stephen P Aldrich, PhD*, Indiana State University, *Forests as Cause and Casualty of Land Conflict: An Analysis from the Southeastern Brazilian Amazon*.

8:18 Laurel Suter*, University of California, Santa Barbara; David L. Lopez-Carr, University of California, Santa Barbara, *Allowed to be here: communities within a conservation area of Guatemala*.

8:31 Susannah McCandless*, Global Diversity Foundation; J. Tomás Ibarra, Centre for Applied Conservation Research, Dept. of Forest Sciences, University of British Columbia; Antonia Barreau, Department of Wood Science, University of British Columbia; Carlos del Campo, Global Diversity Foundation-Mesoamerica; Claudia I. Camacho, Global Diversity Foundation-Mesoamerica; Gary J. Martin, Rachel Carson Center, Ludwig Maximilian Universität, Munich, *Political Ecology of Community Conservation and Payments for Environmental Services in a Chinantec Community in Mexico*.

8:44 Julie Velasquez Runk, Ph.D.*, University of Georgia, *Indigenous Land and Environmental Conflicts in Panama*.

8:57 Denise Humphreys Bebbington, PhD*, Clark University, *Fractured Territories and Splintered Movements: Natural Gas and the Post TIPNIS Moment in Bolivia*.

Discussant(s): Anthony Bebbington, Clark University

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2153. Theorizing the Geographies of Food: New Directions and Interventions for Alternative Food Praxis (Session 1 of 5) (Sponsored by Rural Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges; Allison N Hayes-Conroy, Temple University

CHAIR(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges

8:00 Eric Sarmiento*, Rutgers University, *The Wisdom of the Body: Food and the Limits of Control.*

8:20 Renata Blumberg*, University of Minnesota, *Livelihoods and Alternative Food Networks: Towards a Renewed Agrarian Political Economy.*

8:40 Rebecca Sandover*, University of Exeter, *Theorizing Food (itself): Doing Visceral Geographies.*

9:00 Eric Nost*, University of Kentucky, *"Where to Have it": Defetishizing Local Foods.*

Discussant(s): Elizabeth R. Johnson, University of Minnesota - Minneapolis

2154. Innovative Approaches and Interventions to Public Health (Sponsored by Health and Medical Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University; Michael Emch, University of North Carolina at Chapel Hill
 CHAIR(S): Michael Emch, University of North Carolina at Chapel Hill

8:00 Reed Underwood*, Boston University; Sucharita Gopal, Boston University; Nathan Phillips, Boston University, *Smell Something, Say Something.*

8:20 Erika Sandow*, Department of Social and Economic Geography; Urban Lindgren, Department of Social and Economic Geography, Umeå University, Sweden; Olle Westerlund, Department of Economics, Umeå University, Sweden, *Is your commute killing you? The mortality risk of long commutes in Sweden.*

8:40 Michael Porter*, New York City Department of Health and Mental Hygiene, *Benchmarking Local-Scale Vulnerability Indexes.*

9:00 Kevin M Curtin, PhD*, George Mason University; Lisa R Pawloski, PhD, George Mason University; Constance Gewa, PhD, George Mason University; David Attaway, MS, George Mason University, *Maternal-child overweight/obesity and undernutrition in Kenya: A Geographic Analysis.*

9:20 Michael Emch*, University of North Carolina at Chapel Hill; Veronica Escamilla, University of North Carolina at Chapel Hill; Brendon Wagner, University of North Carolina at Chapel Hill; Mohammad Yunus, International Centre For Diarrheal Disease Research, Bangladesh; P Kim Streatfield, International Centre For Diarrheal Disease Research, Bangladesh; Alexander van Geen, Columbia University, *Impact of deep tubewells on childhood diarrhea in Bangladesh.*

2156. Topics in Water Research

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jennifer Nakamura

8:00 Abeer Hamdan*, *Sedimentation and vegetation changes due to the CAP canal along an ephemeral wash near Apache Junction, AZ.*

8:05 Hunter Cecil*, ECU Environmental Research Institute; Alice Jones, ECU- ERI, Director, Eastern Kentucky University- Environmental Research Institute, *Mapping Water Quality in Coal Country: The GIS Watershed Delineation Project.*

8:10 Andrew Horan*, University of Florida, *Quantifying Streambank Erosion Rates while Spatially Mapping and Evaluating Streambank Erosion Potential on the Recently Restored Kissimmee River, Florida.*

8:15 Marlana NaShae Prater*, Eastern Kentucky University, *Retail Drinking Water Shelf Space as a Measure of Perceived Water Quality in Southern Appalachia.*

8:20 Allison N Woehler*, Eastern Kentucky University, *Water Quality in Eastern Kentucky: The Relationship between Water Quality and Poverty at the Census Tract Level.*

8:25 Laura Merner*, University of Maryland, Baltimore County, *Perceptions of Flood Events in Southern West Virginia: Scientists, Communities and the Media.*

8:30 Alice Jones*, Eastern Kentucky University, *The Conductivity Controversy: Comparing Measures of Stream Health in Coal Country Watersheds.*

8:35 Patricia J. Beyer, Ph.D.*, Bloomsburg University, *Musings on Flood Magnitude.*

8:40 John G Weihaupt, Ph.D., University of Colorado Denver; Frederick Chambers*, University of Colorado Denver, *Collapse of the Mertz-Ninnis Ice Shelf, Antarctica.*

8:45 Gregory S Bohr*, California Polytechnic State University, San Luis Obispo, *Snow Course and SnoTel Observations of Snowpack in the Sierra Nevada, CA.*

8:50 Jennifer A Nakamura, B.Sc., M.Sc., M.Phil, Ph.D. candidate*, Lamont-Doherty Earth Observatory of Columbia University; Upmanu Lall, Ph.D. Professor, Columbia University Department of Earth and Environmental Engineering; Yochanan Kushnir, Ph.D., Lamont-Doherty Earth Observatory of Columbia University; Andrew Robertson, Ph.D., The International Research Institute for Climate and Society; Richard Seager, Ph.D., Lamont-Doherty Earth Observatory of Columbia University, *An American Floodway: The climatic fingerprint of major regional floods in the Ohio River basin.*

2157. Temporalities and the State

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Alex Jeffrey, Newcastle University; Fiona McConnell, University of Cambridge

CHAIR(S): Alex Jeffrey, Newcastle University

8:00 Raksha Pande*, Durham University, *Knot in Time: Multiculturalism and the state.*

8:20 Fiona McConnell*, University of Cambridge, *Rehearsing statehood: planning for futures in an exile present.*

8:40 Nisha Shah*, University of Ottawa, *A Matter of Time: How Territory Shapes the State's Inevitability.*

9:00 Carl T. Dahlman, PhD*, Miami University, *Future Imperfect: Kosovo and Temporality.*

Discussant(s): Ben Anderson, Durham University

2158. Rethinking the conference format

Room: Empire Ballroom East, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Erin Siodmak, CUNY Graduate Center

CHAIR(S): Erin Siodmak, CUNY Graduate Center

Panelists: Melanie Lorek, [if applicable]; Erin Siodmak, CUNY Graduate Center; Stephen Boatright, CUNY Graduate Center; Abraham Walker, CUNY Graduate Center

SATURDAY, FEBRUARY 25 • 8:00 AM - 9:40 AM • 2100**2159. Hydroclimatology 1 (Sponsored by Climate Specialty Group, Water Resources Specialty Group)**

Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Christopher Labosier, Texas A&M University; Laiyin Zhu, Department of Geography, Texas A&M University

CHAIR(S): Laiyin Zhu, Department of Geography, Texas A&M University

8:00 Jason Ortegren*, University of West Florida; Paul A. Knapp, University of North Carolina - Greensboro; Justin T. Maxwell, University of North Carolina - Greensboro; William P. Tyminski, University of North Carolina - Greensboro; Peter T. Soule, Appalachian State University, *Low-frequency ocean-atmosphere drivers of warm-season drought in the Southeastern U.S.A.*

8:20 Aaron M Pollyea*, Michigan State University; Jeffrey A. Andresen, Michigan State University; Bill J Northcott, Michigan State University, *Spatial and temporal trends of soil moisture in the Great Lakes region of the USA, 1900-2008.*

8:40 Alok K Sahoo*, Princeton University; Justin Sheffield, Princeton University; Ming Pan, Princeton University; Eric F Wood, Princeton University, *Consistency among Remote Sensing Products of Water Cycle Variables for Drought Monitoring.*

9:00 Elena Grigorieva*, Institute for Complex Analysis of Regional Problems FEB RAS; Chris R. de Freitas, School of Environment, University of Auckland, New Zealand, *Precipitation normals as descriptors of temporal patterns and trends in the extreme mid-latitude monsoonal climate of the Russian Far East.*

9:20 Chris R De Freitas, Dr*, University of Auckland; Manuel Helbig, University of Hamburg; Andreas Matzarakis, Dr, University of Freiburg, *Sensitivity of Water Resources of Pacific Atolls to Climate Variability and Change.*

2160. Fire, Humans, and Climate - Untangling Relationships, Causes and Consequences I (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Amy Hessl, West Virginia University; Megan K Walsh, Central Washington University

CHAIR(S): Jennifer Marlon, University of Wisconsin-Madison
8:00 Chris Larsen*, University At Buffalo, *Title: Do Charcoal Size Distributions in Lake Sediments Help Identify Local Paleo-Fires?*

8:20 Amy Hessl*, West Virginia University; Neil Pederson, LDEO Columbia University; Peter Brown, Rocky Mountain Tree Ring Lab; Baatarbileg Nachin, National University of Mongolia; Tom Saladyga, Concord University; Byambagerel Suran, Colorado State University, *Throwing a Wet Blanket on Megafires: How Might Fire Regimes Really Respond to Climate Change?*

8:40 Rebecca Bird*, Stanford University; Douglas Bird, Stanford University; Brian F Coddling, Stanford University; Peter Kauhanen, Stanford University, *Comparing indigenous and climate-controlled fire regimes in the Western Desert of Australia.*

9:00 Jennifer Marlon, Ph.D.*, University of Wisconsin-Madison; Patrick J. Bartlein, Ph.D., University of Oregon; Daniel G. Gavin, Ph.D., University of Oregon; Colin J. Long, Ph.D., University of Wisconsin-Oshkosh, *A long-term perspective on wildfires in the western U.S.*

2161. Africa is not a country: Challenges and opportunities in teaching about Africa I (Sponsored by Graduate Student Affinity Group, Geography Education Specialty Group, Africa Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Ryan Good, University of Florida; Amelia Duffy-Tumasz, Rutgers University

CHAIR(S): Kathleen Dietrich

Panelists: Seth Appiah-Opoku, University of Alabama; Janet Puhalla, Saginaw Valley State University; James Saku, Frostburg State University; Ibipo Johnston-Anumonwo, SUNY Cortland; Veronica Ouma, Hofstra University

2162. Agent-based Models and Geographical Systems: Applications (1)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alison Heppenstall; Andrew Crooks, George Mason University

CHAIR(S): Mark Birkin, University of Leeds

8:00 Neeraj G Baruah, Mr.*, Doctoral Student, Department of Geography, University of Cambridge; Robert P. Haining, Prof., Department of Geography, University of Cambridge; Mike Bithell, Dr., Department of Geography, University of Cambridge, *Using Dynamic Agent Models In Understanding Socio-spatial Patterning of Health Behaviours.*

8:20 Ateen Patel*, University College London, *A Crowd Simulation converging Macro and Micro-scopic models.*

8:40 Elenna R. Dugundji*, Universiteit van Amsterdam; László Gulyás, AITIA International Inc, *Sociodynamic Discrete Choice on Networks in Space: The Role of Utility Parameters and Connectivity in Emergent Outcomes.*

9:00 Alison Heppenstall*, University of Leeds; Kirk Harland, PhD, University of Leeds, *Using Agent-Based Models for Education Planning: is the UK education system agent based?*

9:20 René Janelle Jordan, PhD*, University of Leeds; Mark Birkin, Professor, University of Leeds; Andrew J Evans, PhD, University of Leeds, *A Social Simulation of Housing Choice and Housing Policy in the EASEL Regeneration District, Leeds UK.*

2163. "Claiming back what is ours": Discourses and practices of indigenous re-territorialisation I (Sponsored by Indigenous Peoples Specialty Group)

Room: *Liberty I, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Marcela A Palomino-Schalscha, University of Canterbury; Irène Hirt, Laval University - University of Geneva

CHAIR(S): Irène Hirt, Laval University - University of Geneva

8:00 Sibyl Diver*, University of California - Berkeley, *The Xaxli'p Community Forest: Eco-Cultural Restoration as a Third Space of Sovereignty in British Columbia, Canada.*

8:20 Susan Aragon*, Clark University, *Indigenous landscapes: identity and land use management in two ejidos in La Selva Lacandona, Mexico.*

8:40 Marcela A Palomino-Schalscha*, University of Canterbury, *Neoliberalism, "nature" and relational ontologies. Advancing territorial demands and connections through an indigenous tourism initiative among Mapuche-Pewenche communities in Alto Bio-Bío, Chile.*

9:00 Marie Oiry Varacca*, Geneva University; Marie Oiry-Varacca, Geneva University, *Reshaping collective identities and territories. Political strategies of Amazigh indigenous people in Morocco.*

Discussant(s): Caroline Desbiens, Université Laval

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2164. Geographies of the Internet: Situating information and communication technologies in the urban landscape

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Alan Wiig, Temple University; Charles Kaylor, University of Michigan

CHAIR(S): Alan Wiig, Temple University

8:00 Ate Poorthuis*, University of Kentucky, *Deconstructing the Tourist Gaze: Using the Geoweb to Explore The Production and Consumption of 'Tourist' Place in New York City.*

8:20 Alan Wiig, MA*, Temple University, *Producing mobile communication: situating digital infrastructure in the urban landscape.*

8:40 Michele Masucci*, Temple University, *Beyond Wireless Philadelphia: Theoretical and Policy implications for Municipal Internet Access.*

9:00 Melissa R Gilbert*, Temple University, *Shifting the Policy Discourse around the Digital Divide in the High Speed Internet Era.*

9:20 Charles Kaylor*, University of Michigan, *Connecting Infrastructure: The Case of Community Anchor Institutions in Broadband Expansion.*

2165. Management Geography (Sponsored by Cultural Geography Specialty Group, Economic Geography Specialty Group, Business Geography Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Rolf Dieter Schlunze, Ritsumeikan University

CHAIR(S): Rolf Dieter Schlunze, Ritsumeikan University

Introducer: Atsushi Taira

8:03 Robyn Mayes, Dr*, Curtin University; Barbara Pini, Professor, Curtin University, *Corporate social responsibility: configuring community and place in resource-affected rural Australia.*

8:18 Remi Alapo, Dr.*, University of Phoenix, Arizona, *The Role of culture on the leadership styles of Generation X women in Nigeria.*

8:33 Weiwei Ji*, Ritsumeikan University, *Locational Preferences and Network Behavior of Cross-Border Managers in China: An Actor Centered Approach.*

8:48 Rolf Dieter Schlunze*, Ritsumeikan University, *Intercultural management success in the global cities - An actor-centered approach.*

Discussant(s): Andrew Jones, Birkbeck, University of London; Patrik Ström

2166. Author meets critics: Stephanie Rutherford, Governing the wild: ecotours of power (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Pablo Bose, University of Vermont

CHAIR(S): Pablo Bose, University of Vermont

Discussant(s): Bruce Erickson, Nipissing University; Maxwell Boykoff, University of Colorado; Timothy Luke, Virginia Tech; Traci Warkentin, Hunter College

Panelists: Stephanie Rutherford, Trent University

2167. Map-Making and Visualization for Critical Research I (paper session) (Sponsored by Cultural and Political Ecology Specialty Group, Cartography Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katherine Foo, Clark University

CHAIR(S): Katherine Foo, Clark University

8:00 Jeffrey Hou*, University of Washington, *Participatory Visualization as a Medium for Cross-cultural Learning and Empowerment.*

8:20 Kofi Boone*, NC State University, *Cellphone Diaries: Mobile Technology and Community-Authoring Digital Videos in Asset Mapping.*

8:40 Brent McCusker*, West Virginia University, *Dialectical Remote Sensing.*

9:00 Denise Hoffman Brandt*, the city college of new york, *Many Lines - Complicated Spaces: Documenting the Evolving U.S. - Mexico Border Landscape.*

Discussant(s): Dianne E. Rocheleau, Clark University

2168. Understanding Spatial Inequities and Access to Schools Using Spatial Analysis

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sheila Wilson, GIS Certification Institute

8:00 Yunliang Meng*, York University; Uzo Anucha, York University, *Using GIS to Unmask Inequities in Public School Closures: A Case Study in Toronto, Canada.*

8:20 Alan G. Phipps*, University of Windsor, *How to Fight School Closures.*

8:40 Paivi Lujala*, Dept. of Geography, Norwegian University Science and Technology; Bjarne Strom, Dept. of Economics, Norwegian University of Science and Technology; Torberg Falch, Dept. of Economics, Norwegian University of Science and Technology, *Geographical constraints and educational attainment.*

9:00 ARIF KECELI*, University of Oklahoma, *Effects of Rapid Urbanization On Old and New Neighborhoods: In Case of Livability.*

9:20 Sheila Wilson, PhD, GISP*, GIS Certification Institute, *GIS - Just a Tool.*

2170. Visual methodologies in geographies of children and young people 1

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Sirpa Tani, University of Helsinki; Rickie Sanders, Temple University

CHAIR(S): Sirpa Tani, University of Helsinki

8:00 Anna Kaisa Kuusisto-Arponen*, University of Tampere, *Embodied memories and the sites of (be)longing.*

8:20 Donal O'Donoghue*, The University of British Columbia, *The Promise of Visual and Participatory Research Methodologies in Studying Geographies of Masculinities in Elite Independent Boys' Schools.*

8:40 Laura K Porterfield*, Temple University, *Young black women as experts: exploring the pleasures and anxieties of conducting fieldwork with youth across the cityscape.*

9:00 Noora Pyry, MSc*, University of Helsinki, *Photo-walks and photo-interviews as routes to the geographies of hanging-out.*

Discussant(s): Rickie Sanders, Temple University

2171. The Ethics of Rubbish I: Environmental Politics, Citizenship and Urban Management

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Lynn Staeheli, Durham University; Tovi Fenster, Tel Aviv University

CHAIR(S): Lynn Staeheli, Durham University

8:00 Tovi Fenster*, Tel Aviv University; Tovi Fenster, Prof., Dep. of Geography and Human Environment, Tel Aviv University, *The Ethics of Rubbish: Israeli - Palestinian Environmental Politics, Citizenship and Urban Management.*

8:20 Tsai-Shiou Hsieh*, Graduate Center, City University of New York, *Two rubbish cultures: transnational experiences of garbage in Germany and the USA.*

8:40 Kate Parizeau*, University of Guelph, *The public/private natures of waste production and disposal.*

9:00 Zsuzsa Gille*, University of Illinois, *The material foundations of waste ethics.*

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2172. Geographies of Voluntarism and Philanthropy: Spaces of Giving I (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

- Room:** Madison Suite 2, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Sarah Mills, Loughborough University; Denise Dixon Goerisch, San Diego State University
CHAIR(S): Sarah Mills, Loughborough University
8:00 Clare Holdsworth*, Keele University, *Keeping voluntary work 'voluntary': Commitment, rights and responsibilities in case studies of volunteering.*
8:20 Nina Laurie*, Newcastle University UK; Matt Baillie Smith, Dr, Northumbria University; Peter Hopkins, Dr, Newcastle University; Elizabeth Olson, Dr, Edinburgh University, *Becoming a 'cool charity': the professionalisation of young people's faith based international volunteering.*
8:40 Eleanor Jupp*, Open University, *Towards everyday geographies of neighbourhood participation.*
9:00 Emily J. Danielson, M.S.*, University of New Orleans-Center for Hazard Assessment, Response and Technology, *Development of a Two-Tiered Community Accountability Structure for the Evaluation of Government and Non-Profit Volunteer Programs.*
9:20 Rosalind E. Franklin, M.Sc.*, Concordia University, *Places of everyday generosity: the philanthropy of Newfoundlanders in Fort McMurray.*

2173. Cryosphere: Global Glacier Change Studies - 1 (Sponsored by Remote Sensing Specialty Group, Cryosphere Specialty Group)

- Room:** Madison Suite 3, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Shrinidhi Ambinakudige, Mississippi State University
CHAIR(S): Shrinidhi Ambinakudige, Mississippi State University
8:00 Jeffrey VanLooy*, University of North Dakota; Richard Forster, University of Utah; James Turrin, University of Utah; David Barta, University of North Dakota, *Mapping Surface and Volume Changes of Continental Glacier, Wind River Range, WY: 1966 - 2011.*
8:20 Shrinidhi Ambinakudige*, Mississippi State University; Kabindra Joshi*, Mississippi State University, *Mass balance Measurement of Himalayan Glaciers: A Remote Sensing Approach.*
8:40 Masamu Aniya*, None (Retired), *Glacier variations of Northern Patagonia Icefield since 1945 and contrasting behaviors of San Rafael and San Quintin glaciers.*
9:00 Wenkai Guo*, university of Cincinnati; Hongxing Liu, Ph.D, University of Cincinnati; Kenneth Jezek, Ph.D, The Ohio State University; Jaehyung Yu, Ph.D, Texas A&M University, *A Least-Squares Adjustment Method for Refining ASTER GDEM over the Antarctic Peninsula using ICESat Laser Altimetry and Airborne LVIS LiDAR Data.*

2174. Noise and Air Pollution

- Room:** Madison Suite 4, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Dudley Bonsal, University of Minnesota
8:00 Alejandro Cervantes Larios*, University of British Columbia; Perry Hystad, University of British Columbia; Eleanor Setton, University of Victoria, *Implications of Scale and Population Location Measures for Calculations of Population Exposure to Air Pollutants.*
8:20 April Hiscox*, Department of Geography; Jim Wang, PhD, LSU AgCenter; Sonny Viator, LSU AgCenter; Ron DeLaune, Louisiana State University; Ron Sheffield, LSU AgCenter; Thomas Hymel, LSU AgCenter, *A comparison of the spatial distribution of smoke plumes emitted from pre- and post-harvest sugarcane field*

burning practices.

- 8:40** Tsegaye H Nega*, Carleton College, *The Impact of Road Traffic Noise on Urban Protected Areas: A Landscape Modeling Approach.*

- 9:00** Dudley Bonsal*, University of Minnesota, *Airport Noise and Residential Life: Behavioral Adaptation in a High-Decibel Environment.*

2175. Human-Plant Geographies VI: Place Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)

- Room:** Madison Suite 5, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University
CHAIR(S): Kathleen Buckingham, Oxford University
8:00 Patricia Pellegrini*, National museum of natural history, *streets as new places to meet both human and plants.*
8:20 Kristen Borre*, Northern Illinois University, *Celebrating Collards in the South: persistence of a local food tradition as a form of resistance.*
8:40 Joseph Poracsy*, Portland State Univ, *The Neighborhood Tree Walk: Educating the Public About the Urban Forest.*
9:00 Maria Fadiman, PhD*, Florida Atlantic University, *Connection to Plants and Place: Empowering Rural Highland East Asian Children.*
 Discussant(s): Maan Barua, University of Oxford

2176. Politics of Cultural Symbols and Community Perceptions

- Room:** Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Monika De Frantz
8:00 Margareta Amy Lelea, Ph.D.*, University of California, Davis; Jennifer K Sedell*, University of California, Davis, *Invasive species, invaded bodies?: Community perceptions to emergency responses to moth eradication programs in California.*
8:20 Smitha Rao*, Portland State University, *The Vegetarian Complex in India.*
8:40 Pablo Fuentenebro*, University of California - Los Angeles, *The politics of cultural regeneration: The case of the Niemeyer Center in Spain.*
9:00 Monika De Frantz*, University of Chicago, *Capital City Cultures:.*

2177. China's Transportation and Development (Sponsored by China Specialty Group, Asian Geography Specialty Group, Transportation Geography Specialty Group)

- Room:** Park Suite 1, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Wei Xu, University of Lethbridge
CHAIR(S): James WANG, University of Hong Kong
8:00 Wanli Fang*, MIT; Karen R. Polenske*, MIT, *Will High-speed Rail Become A New Engine of Urban Development? A case study of Changsha South Station, China.*
8:20 Jinhua Zhao*, University of British Columbia, *Public Acceptance of the Car Ownership Management Policies in Shanghai.*
8:40 Matthias Kracht*, Freie Universität Berlin, Institute for International Urban Research - InUrban; Matias Ruiz Lorbacher, Freie Universität Berlin, Institute for International Urban Research - InUrban; Eichhorst Urda, Wuppertal Institut fuer Klima, Umwelt, Energie GmbH; Susanne Böhler-Baedeker, Wuppertal Institut fuer Klima, Umwelt, Energie GmbH, *Urban Transport and Urbanization in China and Germany: A comparison between Hefei, China, and Berlin, Germany.*
9:00 Galen Murton*, Fletcher School of Law and Diplomacy, Tufts University, *The Himalaya Complex: Roads and Conflict in High Asia.*

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9:20 James Jixian Wang, Dr.*, Dept of Geography, the University of Hong Kong; Jiang XU, Dr, Chinese University of Hong Kong, *High-Speed Railways in China: The Improved Accessibility for Whom?*.

2178. Interactive Short Papers in Transport Research (Sponsored by Transportation Geography Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Interactive Short Paper Session)

ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso

CHAIR(S): Regina O Amoako-Sakyi, University of Cape Coast

8:00 Tadeusz Siwek*, Czech Geographical Society; Josef Kunc, Masaryk University Brno; Zdenek Szczyrba, Palacky University Olomouc; Petr Tonev, Masaryk University Brno, *Commuting to Retail Shops as a Part of Daily Urban System: A Case of the Czech Republic*.

8:05 Wook Lee*, Edinboro University of Pennsylvania, *Nonwork travel: more or less excessive?*.

8:10 Jinfu Leng*, University of Nebraska-Lincoln; Wen Zeng, China University of Geosciences; Qingfeng Guan, University of Nebraska-Lincoln, *An Improved TWO-Q Algorithm for Computing One-to-one Shortest Paths on Road Networks*.

8:15 John Whalen, M.A.*, SUNY Buffalo, *Creating a Walkability Data Set and Prediction Map Using the Walk Score Algorithm*.

8:20 Liliana Monk*, Thomas S. Wootton High School, *The Trains Don't Stop Here Anymore: Argentina's Ghost Towns*.

8:25 Alejandro M Blei*, University of Illinois Chicago; Shlomo Angel, New York University, *Trip Distance, Travel Time, and Speed: New Insights on Metropolitan Accessibility*.

8:30 Regina Obilie Amoako-Sakyi*, University of Cape Coast; Albert M. Abane, PhD, University of Cape Coast; Roy Cole, PhD, Grand Valley State University, *Implications of improved technology on seaport operations: the case of containerisation and the stevedoring industry at the Tema Port*.

2179. Ethnic population change in the United States (Sponsored by Population Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Jennifer Hinojosa, University of Maryland, College Park

8:00 Jennifer Hinojosa*, University of Maryland, College Park, *Puerto Ricans in New York State: A Contemporary Multi-Case Studies of Their Geographic Spatial Settlement Patterns and Socioeconomic Status, 1990-2010*.

8:20 Alexandra M Bozheva, PhD candidate*, The University of Western Ontario, *Fourth Wave of the Russian Immigration to the USA Revisited*.

8:40 Ben Liu*, William Paterson University; Weber Liu, Princeton University, *Factors contributing to the population changes of Taiwanese Americans between 2000 and 2010 census*.

9:00 Jimmy Andrade*, University of Oklahoma, *The Hispanic Population in Houston, Texas: 1970-2010*.

2180. Biofuels, Food and the Bio-based Economy 1: Food for Fuel (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track, Energy and Environment Specialty Group)

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Kean Birch, York University; Stefano Ponte, Danish Institute for International Studies

CHAIR(S): Kean Birch, York University

8:00 Barry D Solomon, PhD*, Michigan Technological University, *The Sustainability of Biofuels Development in Latin America*.

8:20 Jennifer Hodbod*, Tyndall Centre for Climate Change Research, *Biofuels as a Perturbation to the Resilience of Food Systems*.

8:40 Shaun RUYSENAAR, University of Edinburgh; Shishusri Pradhan*, University of Edinburgh, *Burning Desires: Pro-poor Propaganda, Power and Biofuels Policies in India and South Africa*.

9:00 Abhijit Banerjee*, Northeastern Illinois University, *Switching the goals of biofuels programs from commercial transportation to rural energy needs: An agenda for India*.

2181. Approaches to Geographic Technology and Learning

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Annette Deschner, University of Education

8:00 Nicholas Gill*, University of Wollongong; Michael Adams, University of Wollongong; Christine Eriksen, University of Wollongong, *Engaging with the (un) familiar: field teaching in a multi-campus teaching environment*.

8:20 Kelly Sparks*, Western Michigan University, *Conceptions of Learning and Approaches to Learning in a Physical Geography Course: A Q Methodology Study*.

8:40 Heidrun Edlinger*, University of Vienna - Department of Geography and Regional Research, *Complexity as an issue in subject-didactics: The importance of learning exercises for non-trivial learning processes in school geography*.

9:00 Annette Deschner*, University of Education, *CLIL (Content and Language Integrated Learning) and the Ludic within a Geography of Encounters*.

9:20 Jennifer N Swift*, University of Southern California, *Pedagogical Challenges Adapting Graduate Geography Courses to Online Curriculums*.

8:00 AM - 11:40 AM

8:00 a.m. - 11:40 a.m.

Department Chairs Symposium: Developing Effective Strategic Plans and Program Reviews

Room: Mercury Ballroom, Hilton, Third Floor

Organized by: Ken Foote, Stuart Aitken, Ines Miyares, Benjamin Ofori-Amoah, and Dan Shrubsole.

This symposium focuses on strategies for developing strategic plans as well as responding to department and program reviews. Although listed as two separate panels, the two have been organized together as a single event to allow ample time for presentations, panel discussions, and small group breakouts. Although the symposium is offered as a means of providing time department leaders to meet and share strategies during the annual meeting, the symposium is open to ALL geographers wishing to participate. The session is particularly well suited for individuals who may soon assume leadership positions and would like to network with other chairs and leaders.

There is a \$35 registration fee to cover coffee breaks during the Symposium and a meal during the AAG Department Chairs Luncheon immediately following the Symposium. Please see the AAG Registration Desk, if you wish to sign-up to attend this event.

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10:00 a.m. - 11:40 a.m.

2201. South Asian cities- its ability to cope with any local, regional and global changes in environmental pattern in the future (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group, Climate Specialty Group)

- Room:** Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Chandana Mitra, Auburn University
 CHAIR(S): Debnath Mookherjee, Western Washington University
 10:00 Debnath Mookherjee*, Western Washington University; George Pomeroy, Professor, Shippensburg University, *Comments on Indian Urbanization Process and Patterns*.
 10:20 Rituparna Nath*, Delhi School of Economics; R. B. Singh, Dr., Delhi School of Economics, University of Delhi, *Spatial Distribution of Urban Heat Islands(UHI) and Potential Risk Mapping in Kolkata City, India*.
 10:40 Niyogi Dev*, Purdue University, *Urban impacts on heavy rainfall processes over Indian monsoon region*.
 11:00 Tahereh Saheb*, Rensselaer Polytechnic Institute, *Climate change science and policy: Introducing new climate change "unknowns" by the government of India*.
 11:20 Diana Reckien*, Center for Research on Environmental Decisions (CRED), Earth Institute, Columbia University, *What it needs to reduce perceived burden - Climate change adaptation measures and their effectiveness for different social groups in Hyderabad, India*.

2202. Practices for a post-natural history 2

- Room:** Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Jamie Lorimer, Kings College London; Gail Davies, University College London
 CHAIR(S): Jamie Lorimer, Kings College London
 10:00 Gail Davies*, University College London, *Baroque practices for a postgenomic nature*.
 10:20 Beth Greenhough*, Queen Mary University of London, *Catching Colds with Canguilhem: A vitalist approach to archived histories of rhinoviral and coronaviral research*.
 10:40 Kathryn Yusoff, Dr*, Lancaster University, *Between Natures: forays into the insensible*.
 11:00 Nigel H Clark*, The Open University; Myra J Hird*, Queen's University, *Exuberant Waste: Bacterial Agency and the Post-Natural Ecologies of Landfill*.
 11:20 Deborah P Dixon*, Aberystwyth University, *A Post-Human Geomorphology*.

2203. Art, Science and Environment

- Room:** Concourse C, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Harriet Hawkins; Mriil Ingram, University of Arizona
 CHAIR(S): Sallie Marston, University of Arizona
 Discussant(s): Lillian Ball, Cooper Union School of Art, New York; Jackie Brookner, Cooper Union School of Art, New York; Frances Whitehead, School of Art Institute of Chicago; Avivah Rahmani, University of the Arts, Zurich, Switzerland

2204. Geography of Finance: The Challenge to Regions (Sponsored by International Finance and Economics Special Session Track)

- Room:** Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Rune D Fitjar, International Research Institute of Stavanger
 10:00 Kyung Jin Lee*, Seoul National University; Sam Park, Seoul National University, *Upgrading Firms' Value with Region, Upgrading Regional Value with Firms*.

- 10:20 Pawel Paluchowski*, School of Geographical Sciences, University Bristol, *Regional Disparities in Germany and the UK*.

- 10:40 Ola Jonsson*, Lund University Dep of Human Geography, *Crisis and Regional Dynamics. The case of the Skane Region, Sweden*.

- 11:00 Yinger Zheng*, Peking University; Joyce Yanyun Man, PhD, Peking University; Peking University - Lincoln Institute Center for Urban Development and Land Policy, *Environmental Kuznets Curve on city level: a case study of Shanghai*.

- 11:20 Rune Dahl Fitjar, PhD*, International Research Institute of Stavanger; Andres Rodriguez-Pose, London School of Economics, *Why Do Firms Collaborate with Nearby or Faraway Partners?*.

2205. UNESCO: Building International Understanding (Sponsored by United Nations Special Session Track)

- Room:** Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Meghan Brooks, Queen' University
 10:00 Joseph P. Stoltman*, Western Michigan University, *United Nations and Unesco: Their Roles in Geography Education*.
 10:20 Meghan Brooks, PhD, ABD.*, Queen' University, *Human Rights Strategies, Geopolitics, and the Future of UNESCO*.

2206. GIScience and Hazards 2: Emergency Response (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Hazards Specialty Group)

- Room:** Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Rutherford Platt, Gettysburg College; Tom Cova, University of Utah
 CHAIR(S): Michael Hodgson, University of South Carolina
 10:00 Laura K Siebeneck*, University of North Texas, *Do I Make Myself Clear: Warning Messages and Household Response*.
 10:20 Olufemi A Omitaomu, Ph.D.*, Oak Ridge National Laboratory; Steven J. Fernandez, Ph.D., Oak Ridge National Laboratory; Supriya Chinthavali, Oak Ridge National Laboratory; Jeffrey B. Kodysh, Oak Ridge National Laboratory, *Energy Awareness and Resiliency Standardized Services (EARSS) - All Hazard Situational Awareness*.
 10:40 Tom Cova*, University of Utah, *Protective Action Triggers*.
 11:00 Antonia Rosati*, University of Colorado, Denver, *Warning Communication Using Reverse Calling and GIS -- A proof-of-concept for low probability/high impact events*.
 11:20 Michael Hodgson*, University of South Carolina; Duncan Buell, University of South Carolina, *Mobile Geospatial Situational Awareness for Field and Command Staff During the Emergency Response Phase*.

2207. Living with Difference in an Era of Superdiversity (Sponsored by Sexuality and Space Specialty Group)

- Room:** Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Gill Valentine, University of Leeds
 CHAIR(S): Gill Valentine, University of Leeds
 10:00 Aneta Piekut*, University of Leeds, *Social diversity and attitudes towards difference*.
 10:20 Gill Valentine*, University of Leeds; Jo Sadgrove*, School of Geography, *Narratives of prejudice - the significance of place and mobility*.
 10:40 Justin Beaumont*, University of Groningen, *Religion, political economy and the shadow state of urban FBOs*.
 11:00 Elijah Anderson*, Yale University, *The Iconic Ghetto*.
 Discussant(s): Kurt Iveson

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2208. Individual and Community Perceptions of Environmental Change I

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Monalisa Chatterjee, Stanford University

10:00 Peter D Howe, MS*, The Pennsylvania State University, *Detection of local climate change through individual experience: a cross-national analysis.*

10:20 Kate A. Yow, MS*, Texas State University-San Marcos, *Perceptions of Social and Environmental Risks: The Influence of Place and Politics Among College Students.*

10:40 William James Smith, Jr., Ph.D.*, University of Nevada Las Vegas; Ahmad Safi, Ph.D., University of Michigan; Zhongwei Liu, Ph.D., University of Nevada, Las Vegas; Karletta Chief, Ph.D., University of Arizona; Kiersten Wilde, University of Nevada, Las Vegas; Mahesh Gautam, Ph.D., Desert Research Institute, *Rural societal knowledge, assumptions & preferences regarding climate change in Nevada.*

11:00 Paul H Kariya, PhD*, Clean Energy BC and Trinity Western University, *The Social Re-construction of Electricity in British Columbia: Unique Economic Development Opportunities for First Nations.*

11:20 Monalisa Chatterjee*, Carnegie Institution for Science, Stanford University, *Integrating Social Sciences in International Environmental Policy Discourse.*

2210. Progress in Physical Geography Lecture (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): George Malanson, University of Iowa

CHAIR(S): George Malanson, University of Iowa

10:00 Nicholas J Clifford*, King's College London, *I. Globalization and physical geography - implications for a changing discipline.*

Discussant(s): George Malanson, University of Iowa; Carol Harden, University of Tennessee; Olav Slaymaker, Department of Geography

2211. Evolutionary Economic Geography V - Metropolitan Diversity, Performance and Productivity (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University College Dublin; David Rigby, UCLA

CHAIR(S): Stuart Dawley, Curds, University Of Newcastle

10:00 Erik Stam*, Utrecht University, *Entrepreneurship, Institutions and Space: EEG meets Austrian Economics.*

10:20 Gregory M. Spencer*, University Of Toronto, *Knowledge neighbourhoods: intra-regional cluster dynamics in Canadian cities and suburbs.*

10:40 Frank Van Oort*, Utrecht University; Jan Jelle Witte, Utrecht University; Ron Boschma, Utrecht University, *Sector structure, Evolution and Agglomeration Externalities. Testing the impact of related variety, unrelated variety and specialization in a cross-section of European regions.*

11:00 Jurgen Essletzbichler*, University College London, *The impact of diversity and variety on US metropolitan employment growth.*

Discussant(s): Arnoud Lagendijk, Radboud University Nijmegen

2212. Policing Geographies: representations, materialities, practices. Session two

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Olivia Stevenson, University of Glasgow

CHAIR(S): Olivia Stevenson, University of Glasgow

10:00 Francesca Menichelli*, University of Milano-Bicocca, *Opening the black box of video surveillance - CCTV and the policing of urban space.*

10:20 Nicholas Lustig*, UCLA, *Real-Time All the Time: Predictive Analytics, Policing, and Control Programs in New York City.*

10:40 Michael Nagenborg*, University Tuebingen / IZEW, *Nudge City - Some ethical challenges of shaping human behaviour by shaping places.*

11:00 David Murakami Wood*, Queen's University, *Local Policing in the Global City: Community Safety Development in Tokyo.*

11:20 Till Paasche*, Plymouth Univeristy, *The emergence of private policing companies: The changing security landscape of Cape Town.*

2213. "Faith-Based Decisions: Impacting Water, Famine, War, and Land Use" (Sponsored by Bible Geography Specialty Group)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): William A. Dando, Indiana State University

CHAIR(S): William A. Dando, Indiana State University

10:00 William A. Dando*, Indiana State University, *"Faith-Based Response to Human Needs: The A.D. 46 Famine in Jerusalem".*

10:20 Dorothy Drummond*, Indiana State University, *Who Was Abraham? Competing Views in a Conflicted Land.*

10:40 Quentin Stubbs*, University of Maryland - College Park, *The Perception and Function of Wetlands in the Holy Land.*

11:00 Christine Drake, Ph.D.*, Old Dominion University, *The Significance of Mt. Sinai/Mt. Horeb.*

11:20 Lillian I Larsen, Ph.D.*, University of Redlands; Steve Benzek, U. S. Army Geospatial Center, *Cartographic Re-presentation: Maps as Discrete Refractions of Biblical Texts.*

2214. Historical Geography of the Environment: Overview and Assessment

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Graeme Wynn, University of BC; Craig

Colten, Louisiana State University

CHAIR(S): Graeme Wynn, University of BC

10:00 Graeme Wynn*, University of BC, *"both that morning equally lay": when historical geography and environmental history diverged.*

10:20 Craig E Colten*, Louisiana State University, *Environmental Historical Geography Since The American Environment.*

10:40 Robert Wilson*, Syracuse University, *Historical Geographies of the Environment: A Field Guide to Past, Present, and Future Approaches.*

11:00 Martin Melosi*, University of Houston, *Environmental History and Historical Geography: An Excellent Relationship.*

Discussant(s): Graeme Wynn, University of BC

2215. The Legacy of Logical Positivism in Critical Urban Research (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): David Wilson, University of Illinois

CHAIR(S): David Wilson, University of Illinois

Panelists: Eric Sheppard, University of Minnesota - Minneapolis; Robert Lake, Rutgers University; Elvin Wyly, University of British Columbia; Audrey Kobayashi, Queen's University

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2216. The Biopolitics of Climate Change Security II: Governing Uncertain Futures (Sponsored by Political Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Kevin Grove, Dartmouth College; Julian Reid, University of Lapland
 CHAIR(S): Kevin Grove, Dartmouth College
 10:00 Samuel Randalls*, University College London, *Securing climates, economies and peoples*.
 10:20 Garnet Kindervater*, University of Minnesota - Minneapolis, *Politics of the Highly Improbable: Vitality, Anticipation, Catastrophism*.
 10:40 Ben Anderson, Dr*, Durham University, *Emergency Life*.
 11:00 Julian Reid, Professor*, University of Lapland, *The Vulnerable Subject of Climate Change*.
 Discussant(s): Marieke De Goede, University of Amsterdam

2217. Energy and crises of capitalism II: governance and the contradictions of liberalized energy markets (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Mazen Labban, Rutgers University
 CHAIR(S): Mazen Labban, Rutgers University
 10:00 Matthew Huber*, Syracuse University, *Shocked: "Energy Crisis" and Neoliberal Transformation in the 1970s*.
 10:20 Barbara Ellen Smith*, Virginia Tech, *Neoliberalism as Spatial Closure: Crises of Survival in the Bituminous Coalfields*.
 10:40 Ralitsa P Hiteva*, University of Manchester, *(Dis) connected Geographies of Regulation in the Renewable Energy Sector: a Bulgarian Case Study*.
 11:00 Ulrich Best*, York University, *The scales of energy: locating nuclear power in Europe*.
 Discussant(s): Nik Heynen, University of Georgia

2218. Geographies of Media 2: Spatialities of Sound and Rhythm (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): John Finn, Rowan University; Christopher Lukinbeal, University of Arizona
 CHAIR(S): Max Ritts, University of Toronto
 10:00 Kevin S. Fox*, University of North Carolina - Chapel Hill, *Keyword: Rhythmanalysis*.
 10:20 Michelle Duffy*, Monash University; Theresa Harada, University of Wollongong; Gordon Waitt, University of Wollongong, *Car bodies: Sounds, rhythms and preferences for private transport*.
 10:40 Leticia Garcia*, Temple University, *Listening to the Margins: Gastronomic Desire and the Struggle for "Good" Food*.
 11:00 Lisa Hardie*, Lisa Hardie, *Tuning in, coming out: The role of music for lesbians' coming out geographies*.
 11:20 Max Ritts*, University of British Columbia, *Bring the Noise! ONAC, Fordist Breakdown, and the Politics of Proximity*.

2219. Geographies of Craft and Crafting II (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: *Nassau A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Kendra Strauss, University of Glasgow; Hayden Lorimer, University of Glasgow
 CHAIR(S): Hayden Lorimer, University of Glasgow
 10:00 George Revill*, The Open University, *Tom Rolt's high horse: ecology, region and the democracy of craft work*.
 10:20 Richard E Ocejo, Ph.D.*, John Jay College of Criminal Justice, CUNY, *Craft and the Reinvention of Working-Class Jobs*.
 10:40 Nicola J Thomas*, University of Exeter; Doreen Jakob*, University of Exeter / UNC Chapel Hill, *Situating Craft Guilds in the Creative Economy: Histories, Politics and Practices*.
 11:00 Steve Millington*, Manchester Metropolitan University, *Out of the ordinary: crafting the spectacular in Blackpool*.

2220. Reimagining affordable, sustainable settlements: (ii) community-led alternatives (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: *Nassau B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Helen Jarvis, University of Newcastle Upon Tyne; Rae Duffy-Jones, University of Western Sydney
 CHAIR(S): Rae Duffy-Jones, University of Western Sydney
 10:00 Francesca Fois*, Sapienza Università di Roma and Durham University, *What does 'alterity' mean - through the lenses of ecovillage communities?*.
 10:20 Katherine Phillips*, Aberystwyth University, *Mainstreaming the Alternative: A Case Study of a 'Low Impact' Community in Wales*.
 10:40 Dubheasa B. Kelly*, National University of Ireland, Galway, *Obstructions and barriers to alternative forms of settlement within the Irish planning system*.
 11:00 Lisa Servon, Professor*, The New School, *Slow Cities: A New Model for Economic Development*.
 11:20 Helen Jarvis, PhD*, University of Newcastle, UK, *Replacing big and brash with small, slow and simple: necessary steps for a green and just future?*.

2221. Pursuing the Definition of Regions

Room: *Regent Parlor, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Thomas Christoffel, Regional Community Development News
 10:00 Maria Ayllón*, *The Political Meaning of the Mediterranean*.
 10:20 Joni Vainikka*, University of Oulu, *"It's a spiritual connection": Culturally situated narratives of regional identity in Finland and South West England*.
 10:40 Simon Gaberell*, University of Geneva, *Making regions through daily practices: the case of the Carpathian Convention*.
 11:00 Kaj Zimmerbauer*, University of Oulu, *Supranational identities in planning. Case study of Barents region*.
 11:20 Thomas Christoffel*, Regional Community Development News, *!? Regional Community and Political Geography: A Proposed Scale for Regions*.

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2223. Unnatural Neoliberalisms? Debating 'Post-Neoliberalism' and 'Alternatives' to Neoliberal Natures (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group, Economic Geography Specialty Group)

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Leila Harris, University of British Columbia; Karen Bakker, University of British Columbia

CHAIR(S): Karen Bakker, University of British Columbia

10:00 Kiran Asher*, Clark University, *Dashing to be first past the post again?*

10:20 Brent Z Kaup*, College of William & Mary, *Divergent Paths of Counter-Neoliberalization: Materiality and the Labor Process in the Production of Socio-Natures in Bolivia*.

10:40 Leila M Harris*, University of British Columbia; Cecilia Roa, PhD, University of British Columbia, *Recent Waves of Water Governance: Constitutional Reform and Resistance to Neoliberalization (1990-2010)*.

11:00 Katharine Meehan*, University of Oregon, *When the rain falls: Toward postcapitalist water provision*.

Discussant(s): Neil Brenner, Harvard University, Graduate School of Design

2224. Remembering ... what? Memory, identity and politics II

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Audra El Vilaly, The University of Arizona; Jacob Miller, University of Arizona

CHAIR(S): Jacob Miller, University of Arizona

Introducer: Jacob Miller

10:05 Sarah De Nardi, Dr*, University of Hull; David Atkinson, Dr, University of Hull, *Places of memory or places in memory: subjectivity, denial and ambiguity in Partisan memories of the Italian Resistance*.

10:22 Craig Young, Dr*, Manchester Metropolitan University; Duncan Light, Associate Professor, Geography, Liverpool Hope University, *"Without Groza Romania would be dust": exploring localised memories and counter-memories in post-Communist Romania*.

10:39 Michael Ripmeester*, Brock University, *Caught between deindustrialization and the creative economy: intangible heritage and the working class in St. Catharines, ON*.

10:56 Danielle Drozdewski*, UNSW, *Remembering for continuity: (re)making identities in diaspora*.

11:13 Mike Winiski*, Furman University, Penn State University; Andrew Woten*, Furman University, *Landscape of Remembrance: Spatial Distribution of New Orleans Katrina Commemorations*.

2225. Just Development 2

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Bhaskar Vira, University of Cambridge; Philippa Williams, University of Cambridge

CHAIR(S): Philippa Williams, University of Cambridge

10:00 Bhaskar Vira*, University of Cambridge, *Discourses of justice in the Indian forest*.

10:20 Sarah Marie Hall, PhD, MRes, BA*, Keele University, *Energy Justice and Ethical Consumption: Synthesising the Literature*.

10:40 Heather P. Bedi*, University of Cambridge, *The uneven geographies of Special Economic Zones in India*.

Discussant(s): Philippa Williams, University of Cambridge

2229. Department Chairs Symposium: Developing Effective Strategic Plans and Program Reviews

Room: Mercury Ballroom, Hilton NY, Third Floor (Panel Session)

Please see full description on page 17

2230. Changing Patterns of Segregation in Europe and the United States 2 (Sponsored by Population Specialty Group, Urban Geography Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Bo Malmberg, Stockholms Universitet;

William Clark, University of California - Los Angeles

CHAIR(S): David Wong, George Mason University

10:00 Frederick Douzet, University of Paris VIII; John Hanley*, UC Berkeley, *Spatial Concentration of Immigrants in the United States, Great Britain and France: Methodological Challenges and Preliminary Results*.

10:20 William A Clark*, University of California - Los Angeles; Bo Malmberg, University of Stockholm; John Osth, University of Uppsala, *Where Does the Mixed Race Population Live: Evidence from Los Angeles?*

10:40 Eva K Andersson*, Human Geography, Stockholm University; Estelle Conraux, Human Geography, Stockholm University, *One Single School but Multiple Neighborhood Contexts. -An Analysis Using a k-Nearest Neighbor Approach*.

11:00 Nathaniel O'grady*, Durham University, *Commercial segmentation of lifestyle in anticipating public emergencies: the case of Risk*.

Discussant(s): Ian Shuttleworth

2232. Geospatial Science at the Centers for Disease Control and Prevention (CDC)

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Kimberly Elmore

CHAIR(S): Kimberly Elmore

10:00 Kim Elmore*, Centers for Disease Control and Prevention (CDC); Zanetta Gant, CDC; Rob Nelson, CDC, *The Centers for Disease Control and Prevention's interactive, online HIV and STD atlas*.

10:20 Oleksandra Tarasyuk, PhD*, Lviv Research Institute of Epidemiology and Hygiene; James L. Tobias, MS, GISP, Northrop Grumman; Alla Verbinets, PhD, Lviv Research Institute; Nataliya Hretchukha, PhD, Lviv Research Institute; Volodymyr Zavyalkin, PhD, Lviv Research Institute; Rostislav Pavliy, PhD, Lviv Research Institute; Patrick K. Moonan, DrPH, US Centers for Disease Control and Prevention, *A Geospatial Approach to Tuberculosis Control Efforts within Western Ukraine*.

10:40 James L Tobias, MS, GISP*, Northrop Grumman; Oleksandra Tarasyuk, PhD, Lviv Research Institute; Halyna Shishka, PhD, Lviv Research Institute; Alla Verbinets, PhD, Lviv Research Institute; Volodymyr Zavyalkin, PhD, Lviv Research Institute; Oleksandra Pavlenko, PhD, Lviv Research Institute; Rostislav Pavliy, PhD, Lviv Research Institute; Patrick K. Moonan, DrPH, US Centers for Disease Control and Prevention, *Exploratory Spatial Data Analyses: Correlating air pollutant concentration and regional tuberculosis incidence, Western Ukraine*.

11:00 Minho Kim*, Centers for Disease Control and Prevention (CDC); Seo Il Chang, Department of Environmental Engineering, University of Seoul, Seoul, Republic of Korea; Jeong Chang Seong, Department of Geosciences, University of West Georgia, Carrollton, Georgia, U.S.A.; James B Holt, Centers for Disease Control and Prevention (CDC); Tae Ho Park, Department of Environmental Engineering, University of Seoul, Seoul, Republic of Korea; Joon Hee Ko, Department of Environmental Engineering, University of Seoul, Seoul, Republic of Korea; Janet B Croft, Centers for Disease Control and Prevention (CDC), *Road traffic noise and its implications for public health in Fulton County, Georgia, USA*.

Discussant(s): Caitlin Mertzluft, CDC

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2235. Fluvial Geomorphology II (Sponsored by Geomorphology Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University; Frank Engel, University of Illinois

CHAIR(S): Inci Guneralp, Texas A&M University

10:00 Maartje L. Melchior*, Texas Christian University; Michael Slattery, Texas Christian University, *Assessing sediment dynamics and channel bar response in the Brazos River near Glen Rose, Texas.*

10:20 Franklin T. Heitmuller, Ph.D.*, The University of Southern Mississippi, *Historical Channel Adjustments (1925 - 2007) to Anthropogenic Disturbances along the Lower Brazos and Sabine Rivers, South-Central U.S.A.*

10:40 Frank L. Engel*, University of Illinois; Bruce L. Rhoads, University of Illinois, *Preliminary Investigation of Near Outer-Bank Turbulence in an Active Compound Bend.*

11:00 James Riley*, Eastern Illinois University; Bruce Rhoads, University of Illinois at Urbana-Champaign, *Influence of Junction Angle on Flow Structure and Bed Morphology at Confluent Meander Bends.*

11:20 Inci Guneralp*, Geography, Texas A&M University; Bruce L. Rhoads, Geography, University of Illinois at Urbana-Champaign, *Influence of floodplain heterogeneity on meander morphodynamics.*

2236. Migration and Activism 2

Room: Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Nick Gill, Exeter University; Deirdre Conlon, Emerson College

CHAIR(S): Marina Prieto-Carron, University of Portsmouth

10:00 Marta Carballo De La Riva*, Iudc-Ucm; Enara Echaz Muñoz, Iudc-Ucm, *Migrations and Social Movements: Constructing Social Practices Beyond Borders.*

10:20 Naomi Millner*, Bristol University, *A Politics of Irregular Migration at the Calais Border, 1948-2009.*

10:40 Diane Richardson, Professor*, Newcastle University, UK; Nina Laurie, Professor, Newcastle University, UK; Meena Poudel, Dr, Newcastle University, UK and IOM, Nepal; Janet Townsend, Dr, Newcastle University, UK, *Non belonging and claiming citizenship: anti-trafficking activism and professionalisation in Nepal.*

11:00 Zakeera Suffee, BA (Hons), MSc.*, European Programme for Integration and Migration, *Assessing, analysing and abolishing restriction. A critical analysis of European Union migration policies through a study of grass roots border activism and civil society migrants rights organisations.*

Discussant(s): Kye Askins, Northumbria University

2237. When "the Rest" enters "the West": (Re-)Negotiating identities in touristic settings (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Sybille Frank, Technical University Darmstadt

CHAIR(S): Sybille Frank, Technical University Darmstadt

10:00 Helen Delfeld, Ph.D.*, College of Charleston, *Tourist "Saviors"?*

10:20 Angela Sanders*, Swiss Forum for Migration and Population Studies, University of Neuchâtel, *Titlis, Terrace, Truebsee: A Troubled Paradise? - Crossroads of Indian Tourism and Migration in the Swiss Alps.*

10:40 Ivey R. Tapp*, Georgia State University Department of Anthropology, *"Eastern Invaders" and the Salvaging of Venetian Identity.*

11:00 Julia Weiss*, *Contemporary Travel Journalism in German and Norwegian Newspapers.*

11:20 Rainer Fugmann*, Catholic University of Eichstaett-Ingolstadt; Alma Berenice Aceves Leyva*, *Performing tourism: Intercultural aspects of the Chinese outbound tourism - evidence from Germany.*

2239. Wine Specialty Group Plenary Session - Wine Politics: Power, Terroir and Critics in France and America by Tyler Colman (Sponsored by Wine Specialty Group)

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Gregory Jones, Southern Oregon University

CHAIR(S): Gregory Jones, Southern Oregon University

2241. Coupled Socio-Ecological Systems in Urban Environments -2 (Sponsored by Human Dimensions of Global Change Specialty Group, Urban Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Suchi Gopal, Boston University

CHAIR(S): Anne Short, Boston University

10:00 Myrna Hall*, SUNY College of Environmental Science and Forestry; Steve B. Balogh, PhD Student, SUNY College of Environmental Science and Forestry; Charles A. Hall, PhD, SUNY College of Environmental Science and Forestry, *Positioning Rust Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban.*

10:20 Braulio A. Quintero, MS*, SUNY-ESF; Ajay Gupta, SUNY-ESF; Charles A.S. Hall, PhD, SUNY-ESF, *Energy and the economy of Puerto Rico: A biophysical approach.*

10:40 Yujia Zhang*, Clark University; Robert Gilmore Pontius Jr, Clark University, *Characterizing discrepancies among a series of land use maps.*

11:00 Kevin Fox Gotham, Ph.D.*, Sociology, *Reconsidering the New Normal: Trauma, Vulnerability & Resilience in Post-Katrina New Orleans.*

Discussant(s): Heejun Chang, Portland State University

2242. Author-Meets-Critics: Building Globalization: Transnational Architecture Production in Urban China (Sponsored by China Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Guo Chen, Michigan State University

CHAIR(S): Guo Chen, Michigan State University

Panelists: Tim Oakes, University of Colorado; Diane Davis, MIT; Yehua Wei, University of Utah; Xuefei Ren, The Woodrow Wilson Center

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2244. Children and the Environment 1: Mobility (Sponsored by Health and Medical Geography Specialty Group, Transportation Geography Specialty Group)

Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Raktim Mitra, University of Toronto; Kristian Larsen, University of Toronto

CHAIR(S): Raktim Mitra, University of Toronto

10:00 Kristian Larsen*, University of Toronto; Ron N Buliung, PhD, University of Toronto at Mississauga; Guy EJ Faulkner, PhD, University of Toronto; Caroline Fusco, PhD, University of Toronto, *Assessing how parent and child perspectives of safety relate to school travel.*

10:20 Gina Trapp, BHSc(Hons)*, UWA; Billie Giles-Corti, PhD, The University of Melbourne; Hayley E Christian, PhD, The University of Australia; Max Bulsara, PhD, University of Notre Dame; Anna F Timperio, PhD, Deakin University; Gavin R McCormack, PhD, University of Calgary; Karen P Villanueva, BHSc(Hons), The University of Western Australia, *On your bike! A cross-sectional study of the individual, social and environmental correlates of cycling to school.*

10:40 Brian H.Y. Lee, Asst. Professor*, University of Vermont; Meghan Cope, Professor, University of Vermont, *Teens on the Move: Implications of Land-Use and Transportation Practices for Youth Mobility in Northern Vermont, USA.*

11:00 Pia Christensen, Professor*, University of Warwick; Sophie Hadfield-Hill, Dr, University of Northampton, *Children's mobility in new sustainable communities: design, traffic and risk.*

11:20 Raktim Mitra*, University of Toronto; Ron Buliung, University of Toronto Mississauga, *Caregiver-child Travel Interaction, The Built Environment, and Mode Choice for School Transportation.*

2245. Japanese Cities in Global Networks II (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Cary Karacas, College of Staten Island; Carola Hein

CHAIR(S): Paul Waley, University of Leeds

Introducer: Paul Waley

10:01 Bart Lambregts*, University of Amsterdam, *Offshoring Services Japanese Style: Exploring the Impacts in Bangkok.*

10:21 Roman Cybriwsky*, Temple University, *Urban Redevelopment, Upscale Lifestyle, and the Management of Internationalization in Central Tokyo.*

10:41 Sakura Yamamura*, University of Hamburg, *The Transnational Space of transnational professionals in Tokyo and its locatability in the Global Cities Network.*

11:01 Julian D Worrall, Assistant Professor*, Waseda University, *Japan's role in shaping China's new urban spaces.*

2246. Qualitative GIS Symposium V: Practice and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Mei-Po Kwan, Ohio State University; Stephen Burgess, Cardiff University

CHAIR(S): Stephen Burgess, Cardiff University

10:00 Amanda M.C. Brandellero, PhD, Department of Media and Communication, Erasmus University Rotterdam; Karin Pfeffer*, University of Amsterdam, *Making a scene: reconstructing geo-narratives of popular music in Amsterdam and the Hague.*

10:20 Charles B Travis, Dr.*, University of South Florida, *From the Ruins of Time and Space: A Critical Postcolonial*

GIS of Dublin in Flann O'Brien's 'At Swim Two Birds' (1939).

10:40 Chris Brennan-Horley*, University of Wollongong, *Qualitative GIS in the cultural realm: Navigating vernacular understandings of place.*

11:00 Nazgol Bagheri*, University of Missouri-Kansas City, *An Interplay of Space, Gender and Modernity in Post-Revolutionary Tehran applying Grounded Visualization.*

11:20 Linda Quiquívix*, University of North Carolina, Chapel Hill, *Art of war, art of resistance: Diaspora Counter-Mapping and Google Earth.*

2247. Spatiotemporal Thinking and Computing II --- Thinking (Sponsored by GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Chaowei Yang, CISC/GMU; Weihe Wendy Guan, Harvard University

CHAIR(S): Keith C. Clarke, University of California, Santa Barbara

10:00 Chaowei Yang*, CISC/GMU, *Spatiotemporal Thinking and Computing.*

10:20 Benoit Parmentier*, Clark University-Clark Labs, *Characterization of Land Cover Change from Multivariate Time Series: using the Windowed Fourier Transform and Seasonal Trend Analysis to study burnt areas in Alaska over the 2001-2009 period.*

10:40 Donald J. Poland, PhD Candidate*, University College London, *The Remaking of Urban Space: Making Sense of Urban Space and Change in a Small Suburban Center.*

11:00 Neeti Neeti*, Clark University; J R Eastman, Clark University, *Characterizing implications of two dimensional space-time orientations for Principal Components Analysis of geographic time series.*

Discussant(s): Shaowen Wang, University of Illinois at Urbana-Champaign

2248. Virtual Communities II: Volunteered Geographic Information (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Communication Geography Specialty Group)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Robert Raskin, Jet Propulsion Lab

CHAIR(S): Robert Raskin, Jet Propulsion Lab

10:00 David A. Parr*, Texas State University, San Marcos, *What's Mappable? Factors in the Growth of Volunteered Geographic Information.*

10:20 Shaun Langley*, Michigan State University, *Volunteered GIS for GIScience.*

10:40 Zachary Christman*, Middlebury College; Hamil Pearsall, Clark University, *Geographic Information Providers and Crisis Response during Hurricane Irene.*

11:00 Ian Parfitt, Bachelor of Landscape Architecture, UBC*, University of BC, *VGI for Conservation of Biological Diversity: Lessons from Citizen Science.*

11:20 Bing Sheng Wu*, Nanyang Technological University, *The roles of web-based GIS and volunteer geographic information in geography education.*

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- 2250. Small Area Estimation Methods, Uncertainty, and Applications 2 (Sponsored by Geographic Information Science and Systems Specialty Group, Population Specialty Group, Spatial Analysis and Modeling Specialty Group)**
Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Robert Stewart, Oak Ridge National Laboratory; Amy Rose, Oak Ridge National Laboratory
 CHAIR(S): Nicholas Nagle, University of Tennessee
10:00 Nicholas Nagle*, University of Tennessee; Babs Buttenfield, University of Colorado; Stefan Leyk, University of Colorado, *Accounting for uncertainty in small area estimation with random effects.*
10:20 Eun-hye Yoo*, University At Buffalo (SUNY); Hao Ho, University at Buffalo, *Floating U.S. Census Boundaries.*
10:40 Amy Rose*, Oak Ridge National Laboratory, *Toward Facility-level Spatiotemporal Human Activity Signatures.*
11:00 Robert G. Cromley, Ph.D., University of Connecticut; Dean M. Hanink, Ph.D., University of Connecticut; George C. Bentley, M.A.*, University of Connecticut, *Intelligent Areal Interpolation using Quantile Regression.*
11:20 Eric Weber*, Oak Ridge National Laboratory; Eddie Bright, Oak Ridge National Laboratory, *Real-time Visualization of Spatiotemporal Population Dynamics.*
- 2251. Polar Geographies V: Social Systems in the Polar Regions (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Cryosphere Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland
 CHAIR(S): Jessica Graybill, Colgate University
10:00 Igor Pasternak*, University of Alaska Fairbanks, *In the Land of the Free and the Home of the Customary and Traditional: Ethics and Aesthetics of Ice Fishing among ex-Soviet Alaskans.*
10:20 Sveta Yamin-Pasternak*, University of Alaska Fairbanks, *Vulnerability Boils Down to a Cup: Assessing Human Agency and Resilience in the Bering Strait through a Study in Beverage Ethnography.*
10:40 Tobias Holzhlechner*, University of Alaska Fairbanks, *Informal Space and Networks in the Russian Far East: A Comparative Approach to North Pacific Borderlands.*
11:00 Peter P Schweitzer*, University of Alaska Fairbanks; Lilian Na?ia Alessa, University of Alaska Anchorage, *Resilience, Vulnerability, and Adaptation: Alaska EPSCoR and the Study of High Latitude Social-ecological Systems.*
 Discussant(s): Stanley Brunn, University of Kentucky
- 2252. Socio-environmental conflicts II: the Andes (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Carlos Reboratti
 CHAIR(S): Stephen Aldrich
10:00 Carlos Reboratti*, University fo Buenos Aires, *Paper mills and mining in Argentina.*
10:20 Lorenzo Pellegrini*, International Institute of Social Studies, Erasmus University Rotterdam, *Environment and development after the 'Left Turn' in Bolivia and Ecuador: old wine in new bottles?.*
10:40 Maria Céla Coelho, PhD*, Universidade Federal do Rio de Janeiro; Luis Henrique Cunha, Doctor, Universidade Federal de Campina Grande; Luiz Jardim Wanderley, Master, Universidade Federal do Rio de Janeiro, *Scalar Processes and the Conflicts Involving the Great Mining*

Firms and Local People in South American Countries (Argentina, Bolivia, Brazil, and Peru).

11:00 Adam Henne, assistant professor*, University of Wyoming, *Dams and Futures in (Post)colonial Patagonia.*

Discussant(s): Karl Zimmerer, Pennsylvania State University

2253. Theorizing the Geographies of Food: New Directions and Interventions for Alternative Food Praxis (Session 2 of 5) (Sponsored by Rural Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges; Renata Blumberg, University of Minnesota

CHAIR(S): Allison N Hayes-Conroy, Temple University

10:00 Jennifer Gaddis*, Yale, *Using Actor-Network Theory to trace the process of school lunch reform.*

10:20 Jerry Shannon*, University of Minnesota, *Mapping food environments, governing consumption: the biopolitics of food deserts.*

10:40 Alistair Fraser*, National University Ireland Maynooth, *Scalar and relational tensions in the emergence of an alternative foodscape: Evidence from Ireland.*

11:00 Erica Giorda*, Michigan State University; Craig K Harris, Michigan State University, *Land and Liberty: Anarchism and the Re-Localization of the Food System.*

Discussant(s): Julie Guthman, Univ of California Santa Cruz

2254. Contemporary United States Political and Electoral Geography (Sponsored by Political Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Fred Shelley, University of Oklahoma

CHAIR(S): John C Archer, University of Nebraska

10:00 John Heppen*, University of Wisconsin River Falls, *Presidential Election Regionalism in the United States 2000-2012.*

10:20 Anya Hartpence*, South Dakota State University, *South Dakota's Political Fault Line: Is there an East River/ West River Cleavage in Presidential Politics?.*

10:40 Joshua Randall*, Arizona State University; Jennifer Steen, PhD, Arizona State University; Stephanie Deitrick, MA, Arizona State University, *Identifying Communities of Interest in Arizona Through a Multivariate Factor Analysis of 2000 Census Data.*

11:00 Fred Shelley*, University of Oklahoma, *A Republican Crossroads: Geography and Competing Republican Visions of the Future of American Society.*

2256. Topics in Physical Geography

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christine Urbanowicz

10:00 Christine E. McMichael, Ph.D.*, Morehead State University; Mary Arthur, Ph.D., University of Kentucky; Gretchen Sovkoplas, University of Kentucky, *Investigating Landsat imagery for monitoring upland oak forest dynamics following prescribed fire in eastern Kentucky.*

10:05 Kin M Ma*, Grand Valley State University; Mark E Whalon, Michigan State University, *Geospatial monitoring and IKONOS image analyses of Michigan cherry orchard damage & yields.*

10:10 Nicholas L. Roehrdanz, University of North Dakota; Bradley C. Rundquist, Ph.D.*, University of North Dakota, *Analysis of the influences driving Conservation Reserve Program (CRP) enrollment patterns in the Devils Lake Basin, North Dakota.*

10:15 Xuebin Yang*, Peking University, University of Texas at Austin, *The Validation of ALBEDO for MODIS.*

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10:20 Paul Roehsner*, Western Michigan University; Kathleen Baker, Dr., Western Michigan University, *National Weather Service Gridded Datasets Applied to Crop Disease Forecasting*.

10:25 Ruth Elias de Paula Laranja*, UnB; George Eiten, Universidade de Brasilia- Brazil, *Gradient analysis in a hummock field in Brazilian Cerrado vegetation-DF-Brazil*.

10:30 Charles E. Button, Associate Professor*, Central Connecticut State University; Sky T.C. Button, Windsor High School, *Venomous Snake Ranges and Risks of Envenomation in Connecticut*.

10:35 Catherine Airey*, The Pennsylvania State University; Alan H Taylor, The Pennsylvania State University, *Fire and the persistence and decline of montane chaparral in mixed-conifer forests in the southern Cascades, Lassen Volcanic National Park, CA*.

10:40 Mary Israel*, San Francisco State University, *Future Home Ranges of High-Mountain Species: Tools for Regional Land Conservation Decisions*.

10:45 Christine Urbanowicz*, University of North Carolina - Chapel Hill, *How do local and landscape variables relate to wild bee diversity and crop visitation?*.

2257. Geographic Literacy and Cultural Awareness in Geography Education

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Birgit Neuer, University of Education at Karlsruhe

10:00 Mary D. Curtis*, Texas State University-San Marcos; Matthew T. Patton, Texas State University-San Marcos; Nicholas Stamper, Texas State University-San Marcos; Deborah Hann, Texas State University-San Marcos; Carmen P. Brysch, Texas State University-San Marcos, *America's Global Awareness: A Report on Secondary Geography Education Requirements*.

10:20 Steven Jennings*, University of Colorado Colorado Springs, *Pre-service Teachers and Geography Education in Colorado*.

10:40 Karen Thomas-Brown*, University of Michigan-Dearborn; Allison Richards, MSc, George Mason University, College of Science ESP, *The geographic literacy of pre-service elementary teachers: How do they feel about teaching this discipline in the future*.

11:00 Edris Montalvo*, Cameron University, *Seven Key Themes for the Recruitment and Retention of Hispanic and African-American Undergraduate Students in Public Universities in the U.S.*

11:20 Birgit Neuer*, University of Education at Karlsruhe, *CLIL (Content and Language Integrated Learning) Degree Program for Cosmopolitan Teachers*.

2258. Neoliberalism as an Everyday Hazard

Room: Empire Ballroom East, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Gabriela Brindis Alvarez, Kent State

University; Alex Colucci, Kent State University

CHAIR(S): Stian Rice

Introducer: Alex Peimer

Discussant(s): Salvatore Engel-DiMauro, SUNY New Paltz; Joshua Inwood, University of Tennessee; Dianne E. Rocheleau, Clark University

Panelists: Lawrence D. Berg, University of British Columbia; Fernando J Bosco, San Diego State University; Heidi J. Nast, DePaul University; Jeff Popke, East Carolina University; James Tyner, Kent State University

2259. Hydroclimatology 2 (Sponsored by Climate Specialty Group, Water Resources Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Christopher Labosier, Texas A&M University; Laiyin Zhu, Department of Geography, Texas A&M University

CHAIR(S): Christopher Labosier, Texas A&M University

10:00 William M Baldwin*, Mississippi State University; Jamie L Dyer, PhD, Mississippi State University, *Using Cloud-to-Ground Lightning to Quantify an Extreme Precipitation Event in the Southeast US*.

10:20 Jill S. M. Coleman*, Ball State University; Dagmar Budikova, Illinois State University, *Eastern U.S. Summer Streamflow Conditions During Extreme Phases of the North Atlantic and Arctic Oscillation*.

10:40 Andrew Grundstein*, University of Georgia; Brian Avant, University of Georgia; Seth Younger, University of Georgia; Amber Ignatius, University of Georgia; Todd Rasmussen, University of Georgia; Thomas Mote, University of Georgia; Marshall Shepherd, University of Georgia, *A methodology for hydrological modeling in data poor regions using TRMM precipitation data and MERRA reanalysis meteorological data*.

11:00 Laiyin Zhu*, Department of Geography, Texas A&M University, *Scenario modeling for Tropical Cyclone-induced inland flooding in Houston, Texas*.

11:20 John Callahan*, Delaware Geological Survey, University of Delaware; Kevin R. Brinson, University of Delaware; Daniel J. Leathers, University of Delaware; Linden S. Wolf, University of Delaware; David R. Legates, University of Delaware, *A Coastal Flood Monitoring System for Delaware*.

2260. Fire, Humans, and Climate - Untangling Relationships, Causes and Consequences II (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Amy Hessel, West Virginia University; Megan K Walsh, Central Washington University

CHAIR(S): Jennifer Marlon, University of Wisconsin-Madison

10:00 Daniela Joy Shebitz, PhD*, Kean University, *The historical role and current restoration applications of fire in maintaining beargrass*.

10:20 Sally P. Horn*, University of Tennessee; Henri D. Grissino-Mayer, University of Tennessee; Joshua W. Albritton, National Park Service; Jeff Malik, Student Conservation Association; Christopher A. Underwood, University of Tennessee; Nathan S. Sharp, University of Tennessee; Marshall Alexander Massey, University of Tennessee; Desiree Kocis, University of Tennessee; Mathew S. Boehm, University of Tennessee; Grant L. Harley, University of Tennessee; Kenneth H. Orvis, University of Tennessee, *Charcoal Records of Long-Term Fire History in the National Key Deer Refuge, Florida Keys, U.S.A.*

10:40 Megan K Walsh*, Central Washington University, *Late Holocene Fire Activity in the Pacific Northwest Determined from Charcoal Records: Climate or Human-Driven?*

11:00 Lane B Johnson*, University of Minnesota; Kurt F Kipfmüller, University of Minnesota, *Tree-Ring Reconstruction of Island/Mainland Fire Events along a Historic Travel Corridor in Minnesota's Boundary Waters Wilderness*.

11:20 Paul Laris*, CSU Long Beach, *Untangling the factors that cause fire regime changes in West African savannas*.

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- 2261. Africa is not a country: Challenges and opportunities in teaching about Africa II (Sponsored by Graduate Student Affinity Group, Geography Education Specialty Group, Africa Specialty Group)**

Room: *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Ryan Good, University of Florida; Kathleen Dietrich
 CHAIR(S): Amelia Duffy-Tumas, Rutgers University
 Panelists: Jennifer Bjerke, Rutgers; Sarah Smiley, Kent State University at Salem; Hilary Hungerford, University of Kansas; William Y. Osei, Algoma University University

- 2262. Agent-Based Models and Geographical Systems: Applications (2)**

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Mark Birkin, University of Leeds; Andrew Crooks, George Mason University
 CHAIR(S): Alison Heppenstall
10:00 Handi Chandra Putra*, Rutgers - The State University of New Jersey at New Brunswick; Clinton J Andrews, Rutgers - The State University of New Jersey at New Brunswick, *Agent based model for efficient operation of HVAC systems in commercial buildings.*
10:20 Regina Ryan*, Johns Hopkins University, *A Climatic Rendering of Agent-based GIS.*
10:40 Sebastien Rey Coyrehourcq*, CNRS; Clara Schmitt*, CNRS, *Guided and automated exploration for the calibration of an agent-based model.*

- 2263. "Claiming back what is ours": Discourses and practices of indigenous re-territorialisation II (Sponsored by Indigenous Peoples Specialty Group)**

Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Marcela A Palomino-Schalscha, University of Canterbury; Irène Hirt, Laval University - University of Geneva
 CHAIR(S): Marcela A Palomino-Schalscha, University of Canterbury
10:00 Jacynthe Poulin*, Laval University, *Intercultural relations in Québec : the presence of the Cree community in Val-d'Or.*
10:20 James C. Saku*, Frostburg State University, *Aboriginal Land Claim Agreements and Regional Economic issues in Canada.*
10:40 Nicholas Brown*, University of Illinois at Urbana-Champaign, *Waterton-Glacier Inter-tribal Justice Park and the Spatial Politics of Prefiguration.*
11:00 Irène Hirt, PhD*, Laval University - University of Geneva, *Writing back: the role of history in nation-building and the territorial "reconstruction" movement among the Mapuche, Chile.*
 Discussant(s): Julianne A Hazlewood, UNESCO

- 2264. Quantitative remote sensing of land surfaces: from algorithm development to product applications**

Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Dongdong Wang, University of Maryland; Shunlin Liang, University of Maryland
 CHAIR(S): Dongdong Wang, University of Maryland
10:00 Jeffery Thompson*, University of New South Wales @ ADFA, *Assessing the Accuracy of the MODIS Daily Snow-Cover Products over the Australian Alps.*
10:20 Shunlin Liang*, University of Maryland, *Long-term GLASS products for global environmental studies.*
10:40 Dongdong Wang*, University of Maryland; Shunlin Liang, University of Maryland, College Park; Tao He, University of Maryland, College Park, *Directly estimating surface albedo from MSG/SEVIRI top-of-atmosphere reflectance.*

11:00 Qiusheng Wu*, University of Cincinnati; Hongxing Liu, Department of Geography, University of Cincinnati; Richard Beck, Department of Geography, University of Cincinnati; Kenneth Hinkel, Department of Geography, University of Cincinnati; Emily Kang, Department of Mathematical Sciences, University of Cincinnati, *Analysis of spatio-temporal variability of soil moisture in Ohio River Basin using L-band passive microwave data.*

11:20 Bo Yang*, Hongxing Liu; Qiusheng Wu; Richard Beck; Ken Hinkel; Emily Kang, *Derivation of daily surface temperature and emissivity measurements over a Great Lakes watershed by integrating multi-scale thermal remote sensing data.*

- 2265. Business Geography Paper Session (Sponsored by Business Geography Specialty Group)**

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Linda A. Peters, Esri
 CHAIR(S): Linda A. Peters, Esri
10:00 Karina Jimenez*, Binghamton University, *A Site Location Analysis of Food Inequities in New York City: Central Harlem and Washington Heights.*
10:20 Kevon Rhiney, PhD*, University of the West Indies - Mona, *Enhancing Market Access for Smallholder Farmers using Alternative Business Models: Case Study of the Jamaica Market Access Initiative (JAMAI).*
10:40 Kushnood Haq, Dr. *, D'Youville College, *An Analysis of the Determinants of U.S. Direct Investment Abroad in the Manufacturing Sector, 2007-2008.*
11:00 Herman Kok*, Multi Development, *Malling of Turkey: Dynamics in retail location hierarchy.*
11:20 Gordon M Winder, Professor Dr. *, LMU-Munich, *'Wall Street's Woes': The New York Times Maps New York's Position in Global Networks 2008-2009.*

- 2266. Political and socio-cultural conflicts in the European Union (Sponsored by Political Geography Specialty Group, Landscape Specialty Group, European Specialty Group)**

Room: *Liberty 4, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Stephanie Wilbrand, University of Girona; Kara Dempsey, DePaul University
 CHAIR(S): Stephanie Wilbrand, University of Girona
10:00 Jennifer L Titanski-Hooper*, Penn State University, *(B) ordering in the EU.*
10:20 Kara Dempsey*, DePaul University, *Media mayhem: Newspapers and regional politics in Galicia, Spain.*
10:40 Toby M Applegate*, Rutgers, The State University of New Jersey, *Bodies and/or Camps: The complex spatialities of Slovenia's Erased.*
11:00 Richard L Wolfel*, US Military Academy, *The Tale of Two Frauenkirchen: Competitive Nationalism and Landscape Development in the Cold War Germanys.*
11:20 Katherine Jones*, King's College London, *EU Cultural Policy, European Imaginations, and the European Capital of Culture Programme.*

- 2267. Map-Making and Visualization for Critical Research II (panel discussion) (Sponsored by Cultural and Political Ecology Specialty Group, Cartography Specialty Group)**

Room: *Liberty 5, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Katherine Foo, Clark University
 CHAIR(S): Katherine Foo, Clark University
 Introducer: Jeremy Crampton
 Discussant(s): Craig Dalton, UNC Chapel Hill; Peter A. Kwaku Kyem, Central Connecticut State Univ
 Panelists: Wen Lin, University of Wisconsin-La Crosse; Annette Kim, MIT; Matthew W. Wilson, University of Kentucky; Kofi Boone, NC State University

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2268. Water Resources Politics

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kamal Alsharif, University of South Florida

10:00 Chun-Yi Ho*, Ph.D. student, Graduate Institute of Building and Planning, National Taiwan University; Chia-Hao Chang, Project Manager, the Spatial Information Research Centre (SIRC), National Taiwan University; Cih Yuan Chen*, Research Fellow, Department of Geography, National University of Singapore; Kuan-Chi Wang*, Ph.D. Student, Geography department, University of Hawaii at Manoa, *Space of development, Space of Water, Space of Crisis: Constructing waterscape of western Taiwan.*

10:20 Amy Rosenthal*, Natural Capital Project/WWF; Brian Robinson, PhD, Institute on the Environment, University of Minnesota, *Well-being, Institutions and Governance: What's ecosystem services got to do with it? A new framework for a sweet, old-fashioned notion.*

10:40 Elke P Kraak*, University of Oxford, *Dams of Damocles: comparative water politics and the multiplicity of water.*

11:00 Douglas Clark, Ph.D*, US Bureau of Reclamation; Curtis Brown, Ph.D., Bureau of Reclamation; Nina Burkardt, USGS; Emily Ruell, USGS, *Resolving Disputes over Science in Water Resource Agency Decision Making.*

11:20 Kamal Alsharif, Ph. D.*, University of South Florida; Lin Ozan, M.S., University of South Florida, *Residential Turfgrass Water Irrigation Policy Effectiveness: A Tampa Case Study.*

2269. Funding Opportunities at the National Science Foundation (NSF) and the National Institutes of Health (NIH)

Room: New York Ballroom West, Sheraton, Third Floor (Workshop Session)

ORGANIZER(S): Thomas Baerwald, National Science Foundation

10:00 Antoinette WinklerPrins, Michigan State University

10:10 Bethany Deeds, National Institute on Drug Abuse

10:20 Thomas Baerwald, National Science Foundation

2270. Visual methodologies in geographies of children and young people 2

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Sirpa Tani, University of Helsinki; Rickie Sanders, Temple University

CHAIR(S): Sirpa Tani, University of Helsinki

10:00 Pamela Wridd, PhD*, Graduate Center - City University of New York, *Child-Friendly Data Visualization Methods that Support Children's Participation in Local Governance and Community Development.*

10:20 Victoria G Restler*, CUNY Graduate Center; Claire M Fontaine*, CUNY Graduate Center, *Participatory Video as Collaborative Seeing.*

10:40 Rachel Kulick, PhD*, University of Massachusetts, Dartmouth, *Youth Negotiations of Conflict in the Collective Production of Independent Media: What do you see that I cannot?.*

11:00 Sirpa Tani*, University of Helsinki, *Methodological and ethical issues considering young people's photographs of their hanging out.*

Discussant(s): Rickie Sanders, Temple University

2271. The Ethics of Rubbish II: Environmental Politics, Citizenship and Management

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Lynn Staeheli, Durham University; Tovi Fenster, Tel Aviv University

CHAIR(S): Tovi Fenster, Tel Aviv University

10:00 Anne-Marie S Hanson*, University of Arizona, *Unclean*

and unnatural: garbage management and sanitary subjects in Yucatán's natural protected areas.

10:20 Harold A. Perkins*, Ohio University; Amanda Osborne, Department of Geography, The George Washington University, *Scalar Considerations Concerning the Social Reproductive Consequences of Gendered Metabolisms of Electronic Waste (WEEE).*

10:40 Vicki Mavrikis, PhD Student*, Flinders University, *One person's food trash is another person's treasured meal - insights into understanding why people waste food.*

11:00 Christian Reynolds*, UniSA, *A continuous feast or a pile of scraps: Towards understanding the value and ethics of food waste.*

11:20 Elena Dell'Agnese*, Università Di Milano-Bicocca, *A trash-swamped world: rubbish as an ecocritical metaphor in dystopian visions of the future.*

2272. Geographies of Voluntarism and Philanthropy: Spaces of Giving II (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Sarah Mills, Loughborough University; Denise Dixon Goerisch, San Diego State University

CHAIR(S): Denise Dixon Goerisch, San Diego State University

10:00 Gillian Harkins*, University of Washington; Erica Meiners*, Institute for Research on Race and Public Policy, UIC, *White Ladies Bountiful and the Iron Cage.*

10:20 Fiona M. Smith*, University of Dundee; Matej Blazek, University of Dundee; Donna Marie Brown, Northumbria University; Lorraine van Blerk, University of Dundee, *What difference does volunteering make? Enlivened geographies of mentoring with young people at risk of offending.*

10:40 Peter Smith*, St. Mary's University College, *'Making a difference': volunteer tourism and development.*

11:00 Ellen R. Hansen, Ph.D.*, Emporia State University, *Service-learning in Kenya.*

11:20 Karen M Smith, Ph.D.*, Emporia State Univ, *Massacre in Wajir, 1984: Western Relief Organizations Clash with Government Authorities in Post-Colonial Kenya.*

2273. Cryosphere: Global Glacier Change Studies-2 (Sponsored by Remote Sensing Specialty Group, Cryosphere Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Shrinidhi Ambinakudige, Mississippi State University

CHAIR(S): Shrinidhi Ambinakudige, Mississippi State University

10:00 Hongxing Liu*, University of Cincinnati; Lei Wang, Louisiana State University; Kenneth Jezek, Byrd Polar Research Center, The Ohio State University; Wenkai Guo, University of Cincinnati, *Derivation of time series surface velocity measurements for Antarctic glaciers from multi-sensor remote sensing images.*

10:20 Andrew Fountain*, Portland State University; Hassan J Basagic, Portland State University; Kristina Dick, Portland State University; Mark DeVisser, Michigan State University, *The rapid retreat and spatial variation of glaciers in the continental US.*

10:40 Umesh K Haritashya, Ph.D*, University of Dayton, *Glacier retreat and downwasting in the Himalaya.*

11:00 LaDonna Latterman, Texas A&M University; Andrew Klein*, Texas A&M University, *Analysis of Glacier Recession in the Cordillera Apolobamba, Bolivia, 1975-2010.*

11:20 Christine Chen*, Byrd Polar Research Center, The Ohio State University; Jason E Box, Byrd Polar Research Center, The Ohio State University; Regine Hock, Geophysical Institute, University of Alaska Fairbanks; Graham Cogley, Trent University, Ontario, CA, *A moderate resolution inventory of small glaciers and ice caps surrounding Greenland and the Antarctic Peninsula.*

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2274. Assessment in Geography Education

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jo Beth Mullens, Keene State College

10:00 Lena Molin*, Uppsala university; Ann Grubbström*, Uppsala university, *What is assessed of middle school geography teaching? A study of teachers' teaching and assessment practice.*

10:20 Ronald Luna*, University of Maryland; Rachel Berndtson, University of Maryland, *University of Maryland Department of Geography's Mid Atlantic Assessments from 2005 - 2010.*

10:40 Michael Scholz*, Texas State University; Carmen Brysch, Texas State University, *Analyzing Student Performance on the AP Human Geography Exam.*

11:00 Casey D. Allen*, University of Colorado - Denver, *21st Century Learning Assessment in Geography.*

11:20 Jo Beth Mullens*, Keene State College; Pru Cuper, Professor, Keene State College, *Digital Travel Tales: Capturing, Processing and Appreciating the Transformative Nature of Students' International Field Course Experiences.*

2275. Human-Plant Geographies VII:Retelling Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University

CHAIR(S): Kathleen Buckingham, Oxford University

10:00 Anita Radini*, Centre for Human Palaeoecology and Evolutionary Origins, Department of Archaeology, University of York, UK, *Palaeogeography and palaeoethnobotany of European and African nettle trees (Celtis australis L. and C. integrifolia Lam.) in Northern Africa: a case study from Central Sahara.*

10:20 Bradley B Walters, PhD*, Mount Allison University, *Event Politics and the Ecology of Land Use Change in Saint Lucia, West Indies.*

10:40 Ksenija Borojevic*, *Diversity of human-plant relationships regarding water chestnuts.*

11:00 Chris S Duvall*, University of New Mexico, *Biological versus cultural diffusion of Cannabis across the South Atlantic.*

Discussant(s): Lesley Head, University of Wollongong

2276. Rural and Per-Urban Geographies

Room: *Madison Suite 6, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Felicity Wray, Urban Research Centre

10:00 Ben Champion, D.Phil. *, Kansas State University, *Beyond Skepticism: engaging central Great Plains agricultural producers and rural communities toward climate literacy as an NSF Climate Change Education Partnership.*

10:20 Lisa Jordan Powell*, University of Texas at Austin, *A Corn Parade with Coal Floats: Celebration and Representation of Farming and Mining in Western Kentucky.*

10:40 Maria Rusca*, UNESCO-IHE; Rhodante Ahlers, UNESCO-IHE; Klaas Schwartz, UNESCO-IHE, *The Socio-Political Context of Water Services in Peri-urban Areas.*

11:00 Rae Dufty, University of Western Sydney; Felicity Wray*, University of Western Sydney, *'Pushing economic water uphill': peripheral economic spaces in regional Australia.*

2277. China's High-Speed Rail Controversy (Sponsored by China Specialty Group, Asian Geography Specialty Group, Transportation Geography Specialty Group)

Room: *Park Suite 1, Sheraton, Fifth Floor* (Panel Session)

ORGANIZER(S): Wei Xu, University of Lethbridge; George C.S. Lin, University of Hong Kong

CHAIR(S): George C.S. Lin, University of Hong Kong

Panelists: Karen R. Polenske, MIT; James WANG, University of Hong Kong; Kam Chan, University of Washington; Weiping Wu, Tufts University; Piper Gaubatz, University of Massachusetts; George C.S. Lin, University of Hong Kong

2278. Topics in Physical Geography

Room: *Park Suite 2, Sheraton, Fifth Floor* (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Baldwin, Boston University

10:00 Rachel L. Cunningham*, San Francisco State University, *Depictions of Levees and Risk in the Natomas Area of Sacramento, CA in "The Sacramento Bee", 2004-2006.*

10:05 Dante D. Torio*, McGill University; Gail L. Chmura, Professor, McGill University, *A Landscape Ecology Approach to Assess the Impacts of Sea level rise and Coastal Development on Salt Marshes.*

10:10 Kristina Yamamoto*, University of Denver, *Using LiDAR to Illustrate Differences between Sea Turtle Nesting Areas.*

10:15 Brandi Gamelin*, California State University, Los Angeles, *Southern California Precipitation: Coastal vs. Desert Reactions to Warm and Cool ENSO Phases.*

10:20 Marwa W A Halmy, M.Sc. *, University of Idaho, *Species Importance index (SII) as an Indicator of Conservation Priorities: A Case study in the Egyptian Northwestern Coast.*

10:25 Taly D. Drezner*, York University, *Plant-Climate Interactions: cactus branching and reproduction in the desert.*

10:30 Emilie Roy-Dufresne*, Department of Geography, McGill University; Virginie Millien, Redpath Museum, University of McGill; Gail Chmura, Department of Geography, University of McGill, *Projected distribution of the white-footed mouse with climate change: a question of time and space.*

10:35 Nurudeen Korede Busari*, University of Ibadan, Ibadan, Nigeria., *Impact of farming on the vegetation of Iseyin area south western Nigeria.*

10:40 Evan Griffin*, Pennsylvania State University; Kenneth Young, Ph.D., University of Texas at Austin; Brian King, Ph.D., Pennsylvania State University, *Livelihood mapping in the Okavango Delta of Botswana.*

10:45 Emily C. Gill*, Cooperative Institute for Research in Environmental Science, University of Colorado; Thomas N. Chase, Cooperative Institute for Research in Environmental Science, University of Colorado; Klaus Wolter, Cooperative Institute for Research in Environmental Science, NOAA; Roger A. Pielke Sr., Cooperative Institute for Research in Environmental Science and Program in Atmospheric and Oceanic Sciences, University of Colorado, *Relationship between 2010 heat wave and specific humidity anomalies.*

10:50 Shawn William Lewers*, Florida State University; Shawn W Lewers, PhD Candidate, Florida State University, *Modeling Future Storminess using Hazus 2.0 at Eglin AFB.*

10:55 James G Baldwin, Ph.D. *, Boston University; Michael L Mann, Ph.D., University of California Berkeley; Mallory Nomack, M.A., *Assessing the Economic Impacts of Coral Bleaching in Small Island Developing States.*

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- 11:00 Jing Li*, *Relationships between remote sensing and site observation in inner Mongolia.*
- 11:05 Qiong Chen*, *The Spatial Disparity of NDVI Response to Climate Factors in The Vegetation Growing Season in The Three-River Headwaters Region.*
- 11:10 Min Zhou, doctoral candidate*, Peking University; Yunlong Cai, Professor, Peking university, *An interval fuzzy programming model for regional industrial structure optimization.*

2279. Ecological and hydrological modeling across various landscapes (Sponsored by Applied Geography Specialty Group, Spatial Analysis and Modeling Specialty Group, Water Resources Specialty Group)

- Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S): Jun Zhu, UC Santa Barbara; Helenmary Hotz, University of Massachusetts Boston
- CHAIR(S): Jun Zhu, UC Santa Barbara
- 10:00 Liem T Tran*, University of Tennessee at Knoxville, *Predicting Annual Nitrogen Load with Regional Hydrologic Modeling for Environmental Evaluation (RHME2) Model.*
- 10:15 Andrew Muller, Ph.D.*, United States Naval Academy, *Spatio-temporal evolution of hypoxia in the Chesapeake Bay.*
- 10:30 Katherine Doiron*, Industrial Economics, Inc.; Maura Flight, Industrial Economics, Inc.; Robert Paterson, Industrial Economics, Inc., *Modeling Wetland Loss in Delaware: Future Land Cover and Impacts to Key Wildlife Habitats.*
- 10:45 Melanie Colavito*, University of Arizona; Iris Patten, University of Arizona; Mark Apel, University of Arizona; Erik Glenn, University of Arizona, *Modeling Land Use Suitability for Renewable Energy Development in Arizona.*
- 11:00 Feng Pan*, UTK, *Assessing the performance of the AnnAGNPS model for ungauged small watersheds - a case study of the St. Croix River watershed.*
- 11:15 Daniel Serfas*, Western Michigan University, *Assessing the impacts of dams on nutrient and sediment loading in the Kalamazoo River watershed using the Soil and Water Assessment Tool (SWAT).*

2280. Biofuels, Food and the Bio-based Economy 2: Governing Sustainability (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track, Energy and Environment Specialty Group)

- Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S): Kean Birch, York University; Stefano Ponte, Danish Institute for International Studies
- CHAIR(S): Kean Birch, York University
- 10:00 Elizabeth Fortin, Dr, University of Bristol; Roy Maconachie, Dr*, University of Bath, *Standardizing 'new agriculture' for development: Biofuels and agrarian change in Sierra Leone.*
- 10:20 Theresa Selfa, Dr.*, SUNY ESF, *Developing Certification and Indicators for Sustainable Biofuels: A New Green Imperialism.*
- 10:40 Robert Bailis*, Yale University; Jennifer Baka, Yale School of Forestry, *Constructing Sustainable Biofuels: Governance of the Emerging Biofuel Economy.*
- 11:00 Jacob Nordangård*, Linköping University, *The role of transnational corporations in the formation of a European Biofuel Policy - The Case of Unilever.*
- 11:20 Abigail Martin, PhD Candidate*, University of California-Berkeley, *Environmental Justice in Global Ethanol Value Chains: Brazil and the United States.*

2281. Cartography Specialty Group 2012 Honors Student Paper Competition (Sponsored by Cartography Specialty Group)

- Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S): Robert Roth, UW-Madison
- CHAIR(S): Robert Roth, UW-Madison
- 10:00 Nicholas Perdue*, Michigan State University, *Mapping Personal Living Spaces- Rethinking Urban Populations.*
- 10:20 Raechel Anne Bianchetti*, The Pennsylvania State University, *Visualization Variables in Cartography and Aerial Photo Interpretation.*
- 10:40 Shaun Fontanella*, Ohio State University, *Teaching Geography with GIS Based Games.*
- 11:00 Bin (Owen) Mo*, California State University, Los Angeles, *Mapping Potential Metro Rail Ridership in Los Angeles County.*
2285. Working Digitally with Historical Maps (1): Building rich resources
- Room: New York Public Library, South Court Auditorium of the Schwarzman Building (Paper Session)
- ORGANIZER(S): Humphrey Southall, University of Portsmouth; Merrick Berman, China Historical GIS, Harvard Univ
- CHAIR(S): Merrick Berman, China Historical GIS, Harvard Univ
- 10:00 Max Edelson*, University of Virginia; Bill Ferster, University of Virginia, *The "New Map of Empire" Project: Enhancing Cartography Scholarship with Dynamic Online Collections.*
- 10:20 Joseph A Hurley*, Georgia State University, *Visualizing Neighborhood Change: The Georgia State University Library Digital Map Collection, "Planning Atlanta: A New City in the Making, 1950s - 1980s".*
- 10:40 Michael Page*, Emory University, *Modeling the History of the City using Library Resources.*
- 11:00 Marcel A Fortin*, University of Toronto; Jennifer Bonnell, PhD, University of Guelph, *The Don Valley Historical Mapping Project.*

SATURDAY, FEBRUARY 25

11:40 AM - 12:50 PM

11:40 a.m. - 12:50 p.m.

AAG Specialty and Affinity Group Chairs Meeting

Room: *Petit Trianon, Hilton, Third Floor*

Specialty and Affinity Group Discussion, Training and Tech Support

Following the formal business of the Chairs session will be a discussion and dialogue with other Chairs on how to use the AAG Knowledge Communities and other topics for making the most of your group.

11:40 AM - 12:50 PM • 2300

11:40 a.m. - 12:50 p.m.

2333. Landsat at 40 - Prime Productive Years or Mid-Life Crisis?

Room: *Trianon Ballroom, Hilton, Third Floor* (Plenary Session)

Organized by: Association of American Geographers

Introduction: Marilyn Raphael, UCLA

Anne Castle, Assistant Secretary for Water & Sciences, US
Department of the Interior

11:40 AM - 2:00 PM

11:40 a.m. - 2:00 p.m.

AAG Department Chairs Luncheon

Room: *Mercury Ballroom, Hilton, Third Floor*

Chair: **Eric Sheppard**, University of Minnesota

There is a \$35 registration fee to cover a meal during the Chairs Luncheon Meeting immediately following the Department Chairs Symposium (8:00 a.m. - 11:40 a.m). Please see the AAG Registration Desk, if you wish to sign-up to attend this event.

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12:40 p.m. - 2:20 p.m.

2401. 'Urban Areas: Impact of extreme weather events (Sponsored by Regional Development and Planning Specialty Group, Climate Specialty Group, Urban Geography Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Chandana Mitra, Auburn University
 CHAIR(S): Chandana Mitra, Auburn University
 12:40 JoAnn Sullivan*, Hobart and William Smith Colleges, *Characterization of an Urban Heat Island (UHI) in the Tampa Region of Florida.*

1:00 Karen C. Seto*, Yale University, *Urban Growth and Growing Vulnerability to Extreme Weather in Asian Mega Deltas.*

1:20 Anthony Brazel*, Arizona State University, *Review of recent urban climate studies and climate change for Singapore.*

1:33 Tianna Bogart*, University of Delaware, *Using a GCM to better understand the urban-climate relationship.*

1:53 Marshall Shepherd, PhD*, University of Georgia, *Current and Emerging Perspectives on Urban Hydroclimate Interactions.*

Discussant(s): Anthony Brazel, Arizona State University

2402. Practices for a post-natural history: Object-orientated panel session

Room: Concourse B, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Jamie Lorimer, Kings College London; Gail Davies, University College London
 CHAIR(S): Jamie Lorimer, Kings College London
 Panelists: Gail Davies, University College London; Uli Beisel, London School of Hygiene and Tropical Medicine; Merle Patchett, University of Alberta; Richard Pell, Carnegie Mellon; Scott Prudham, University of Toronto; Myra J Hird, Queen's University

2403. Lewisian Landscapes I: Axioms for Re-Reading Cultural Geography (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): David Prytherch, Miami University; Richard Schein, University of Kentucky
 CHAIR(S): David Prytherch, Miami University
 12:40 Daniel Trudeau*, Macalester College, *Toward the practiced landscape.*
 1:00 Matthew Liesch*, Central Michigan University, *Landscape Interpretation and Perception of Boundaries at Keweenaw National Historical Park, the National Park Service's "Partnership Park for the 21st Century".*
 1:20 Sarah E. Hinman*, Idaho State University, *The Urban Landscape and Gender in the Interior West: Mapping Women in Helena, Montana, 1884 - 1930.*
 1:40 Thomas C. Hubka, Visiting Professor*, University of Oregon, *Revaluing the House in America's Cultural Landscapes.*
 2:00 Javier Arbona*, UC Berkeley, *After the Blast: Building Memories of Port Chicago.*

2404. Geography of Finance: Global and Local Solutions (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Leila Dias
 12:40 Wei Tu*, Georgia Southern University; Jie Tian, Georgia Southern University, *Growth in U.S. States, 1977-2001: How Much Do Foreign Direct Investment, Recessions, Human Capital, and Physical Capital Matter?.*
 1:00 Jayson J Funke, Ph.D.*, Clark University, *Financializing the World: The International Finance Corporation and*

Financial Institution Building Across Global Space.

1:20 Enzo Joseph Crescentini*, Western Michigan University; Enzo Joseph Crescentini, Western Michigan University, *Foreign Direct Investment in Italy 1995 - 2010: Spatial Patterns and Implications.*

1:40 Delphine Ancien*, University College Dublin, *Resituating Happenstance Juxtapositions in Global City Formation: London and the Rise of Financial Capital.*

2:00 Leila Dias, PhD, Geography*, Universidade Federal de Santa Catarina, *Spatial reorganization of banking networks in Brazil: adaptive and innovative processes.*

2405. The UN and Sustainable Development: 20 Years after Rio (United Nations Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Juha Uitto, United Nations Development Programme
 CHAIR(S): Juha Uitto, United Nations Development Programme
 Panelists: Rob Van Den Berg, Global Environment Facility; Sulan Chen, UNDP; Alan Fox, UNDP; Yannick Glemarec, UNDP; Richard Hosier, World Bank

2406. Future of Academic GIS Centers: Opportunities and Challenges (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Jeffrey Hamerlinck, University of Wyoming
 CHAIR(S): Jeffrey Hamerlinck, University of Wyoming
 Introducer: Jeffrey Hamerlinck
 Discussant(s): May Yuan, Univ of Oklahoma
 Panelists: Michael Goodchild, University of California - Santa Barbara; Richard Lathrop, Rutgers University; Marguerite Madden, Center for Remote Sensing and Mapping Science (CRMS); John P Wilson, University of Southern California

2407. Erotic Cities: Geographies of the Sexual Economy (1) (Sponsored by Sexuality and Space Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Paul J Maginn, University of Western Australia; Christine Steinmetz, University of New South Wales
 CHAIR(S): Phil Hubbard, University of Kent
 12:40 Amber Martin*, The University of Nottingham, *Sex Shops in England's Cities: From the Backstreets to the High streets.*
 1:00 Paul J Maginn, PhD, University of Western Australia; Christine A Steinmetz, PhD*, University of New South Wales, *Erotic Sydney: The Sexual Economy, Global City Status and Urban Cosmopolitanism.*
 1:20 Eric Damian Kelly, Ph.D., FAICP*, Ball State University; Connie B Cooper, FAICP, *From Perception to Reality: Negative Secondary Effects and Effective Regulation of Sex Businesses in the United States.*
 1:40 Moriah McSharry McGrath, MPH, MSUP*, Portland State University, *Conflict and coexistence: strip clubs and neighbors in "Pornland," Oregon.*
 Discussant(s): Phil Hubbard, University of Kent

2408. The controversial place of place in environmental governance I

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Cameron Owens, University of Victoria; Lindsay Galbraith, University of Cambridge
 CHAIR(S): Cameron Owens, University of Victoria
 12:40 Sara Edge, MES, PhD Candidate*, School of Geography & Earth Sciences, McMaster University; John Eyles, Professor, School of Geography & Earth Sciences, McMaster University, *(Dis)placing or reifying where the line is drawn? Boundary-work and the contested spaces, practices & knowledges of chemical risk*

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governance in Canada.

- 1:00** Jordan F Besek*, State University of New York at Buffalo, *Speaking Like a Silence: Post-Industrial Marginalization Among Subsistence Anglers in Buffalo, New York.*
- 1:20** Jason A Douglas*, CUNY Graduate Center, *Where the wild things are: The Space and Place of Integrated Conservation and Development in the Cockpit Country of Jamaica.*
- 1:40** James R Palmer*, University of Cambridge, *Biofuels and the politics of land-use change: Lessons from the European Union.*
- 2:00** Gabriela da Costa Silva*, University of Saskatchewan, *Can place build effective watershed management?.*

2410. New Geographies of Publics, Spaces and Politics (1) (Sponsored by Urban Geography Specialty Group)

- Room:** Clinton Suite, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Mark Davidson, Clark University; David Madden
- CHAIR(S): David Madden
- 12:40** Renia Ehrenfeucht*, University of New Orleans, Planning and Urban Studies, *Responsibility for and maintenance practices along urban sidewalks in New Orleans.*
- 1:00** Cameron McAuliffe, PhD*, University of Western Sydney, *Sites of Respect: Negotiating Urban Moral Geographies.*
- 1:20** Silvano A De La Lata, PhD Candidate*, Cornell University, *The role of alternative interpretations and practices in the construction of public space.*
- 1:40** Siegmund Langegger, PhD Candidate*, University of Colorado Denver, *Parks, Politics and Publicness: Unpacking Relationships Between Inner-City Park Management and Neighborhood Change.*
- Discussant(s): Setha Low

2411. Evolutionary Economic Geography VI - Spin-offs, Firm formation, and Skill Matching (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

- Room:** Gibson Suite, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Dieter Franz Kogler, University College Dublin; Stuart Dawley, Curds, University of Newcastle
- CHAIR(S): Andy Pike, Newcastle University
- 12:40** Andrea Morrison*, Utrecht University; Lucia Cusmano, Insubria University and Kites Bocconi University, *Spin-off dynamics and the emergence of industrial districts: an evolutionary perspective.*
- 1:00** Koen Frenken, Prof. Dr.*, Eindhoven University of Technology; Ron Boschma, Utrecht University; Mathijs De Vaan, Columbia University, *The Downside of Social Capital in New Industry Creation.*
- 1:20** Maryann Feldman*, UNC; Maryann P Feldman, PhD, UNC, *Spawning from the Ivory Tower: What affects the rate of new firm formation by faculty & staff and students?.*
- 1:40** Simona Iammarino*, London School of Economics, Department of Geography & Environment; Elisabetta Marinelli, Dr, European Commission JRC-IPTS, *Education-job match and the transition from study to work. A comparison of Lombardia, Lazio and Campania.*
- Discussant(s): Ron Martin, University of Cambridge

2412. Governance and economic integration in urban border regions (Sponsored by Political Geography Specialty Group)

- Room:** Gramercy Suite A, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Olivier Walther, CEPS/INSTEAD Luxembourg; Jen Nelles, University of Toronto
- CHAIR(S): Jen Nelles, University of Toronto
- 12:40** Olivier Walther*, CEPS/INSTEAD Luxembourg, *Investigating cross-border networks in European border regions.*
- 1:00** Julia Affolderbach*, University of Luxembourg, *Cross-border governance and beyond: Economic development in the Greater Region.*
- 1:20** John Harrison*, Loughborough University, *Constructing city-regions: exploring the (in)compatibility of networked and territorial planning and governance arrangements.*
- 1:40** Jen Nelles*, Hunter College - CUNY, *The Borderless Resource: Governing Fresh Water Quantity and Quality in Cross-Border Urban Regions.*
- 2:00** Jochem De Vries*, University of Amsterdam, *Governing the Scheldt River.*

2413. From the Right to the City to the Urban Revolution: Lefebvre Reconsidered (Session 1)

- Room:** Gramercy Suite B, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Louis Moreno, University College London; Andy Merrifield
- CHAIR(S): Andy Merrifield
- 12:40** Peter Marcuse*, Columbia University, *Right to the City Reconsidered.*
- 1:00** Erik Swyngedouw*, University of Manchester, *Interrogating Post-Democracy: The Right to the City and the Reclamation of Equality.*
- 1:20** Lukasz Stanek*, Center for Advanced Studies in the Visual Arts, National Gallery, Washington D.C., *The Projects of Henri Lefebvre: Towards an Architecture of Jouissance.*
- 1:40** Miguel Robles-Duran*, The New School, *Unitary Urbanism and The Citizen's Oeuvre.*
- Discussant(s): Don Mitchell, Syracuse University

2414. Historical Geography of the Environment: Water (Sponsored by Historical Geography Specialty Group, Water Resources Specialty Group)

- Room:** Lincoln Suite, Hilton, Fourth Floor (Paper Session)
- ORGANIZER(S): K. Maria Lane, University of New Mexico
- CHAIR(S): K. Maria Lane, University of New Mexico
- 12:40** Martha G Bell*, Pennsylvania State University, *Andean gristmills: The introduction, adaptation, and governance of Spanish hydraulic technology in early colonial Peru.*
- 1:00** Adam Mandelman*, University of Wisconsin-Madison, *The Porous Plantation: Water Management in Nineteenth-Century Riparian Louisiana.*
- 1:20** Maria Lane*, University of New Mexico, *From courts to cartographers: Water disputes in Territorial-era New Mexico.*
- 1:40** Theresa Wong*, Carleton University, *Powering historical geographies: Region, development and hydropower on the Mekong.*
- 2:00** Ryan Orgera*, Louisiana State University, *Federal Oceanic Wilderness Space.*

2415. Educating a Workforce Literate in Cyberinfrastructure (Sponsored by Cyberinfrastructure Specialty Group, Geography Education Specialty Group)

- Room:** Madison Suite, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Robert Raskin, Jet Propulsion Lab
- CHAIR(S): Robert Raskin, Jet Propulsion Lab
- 12:40** Sarah-Louise Quinnell*, King's College London, *Embracing the virtual world: Cyberspace as field*

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space & the ethics of online research.

1:00 Kirk Goldsberry*, Harvard University; Ben Lewis, Harvard University, *Geographic Education at Harvard: An Integrative Approach.*

1:20 John C MacLachlan*, McMaster University; Susan Vajoczki, McMaster University; Jeffrey Trzeciak, McMaster University; Julianne L Bagg, McMaster University, *Blended Learning: Promoting Geospatial Literacy.*

1:40 Joao Francisco De Abreu*, Catholic University of Minas Gerais; John Nystuen, The University of Michigan; Guilherme Moravia, Catholic University of Minas Gerais, *Tellow : An Interactive Computer Program for Educational Geography.*

2416. EJHR Plenary : 'Surviving the Death Penalty through Abolition Democracy: Embracing Georgia's Historic Organizing Tradition Amidst the Racial State of Exclusion' (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: *Morgan Suite, Hilton, Second Floor* (Panel Session)
ORGANIZER(S): Matthew Mitchelson, Kennesaw State University; Andy Walter, University of West Georgia
CHAIR(S): Andy Walter, University of West Georgia
Introducer: Andy Walter
Discussant(s): Nik Heynen, University of Georgia

2417. Energy and crises of capitalism III: inequality, dis(placement), resistance (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Mazen Labban, Rutgers University
CHAIR(S): Mazen Labban, Rutgers University
12:40 Nahide Konak, Department of Sociology, Abant Izzet Baysal University, Bolu, Turkey; Yesim Sungu*, *Water and Renewable Energy Policy: A case study of river-based small hydro energy development conflict in Turkey.*
1:00 Ryan M Katz-Rosene, PhD Student*, Carleton University, *The Concept of 'Environmental Transformism': A Case Study of Crisis Displacement in Alberta's Energy Sector.*
1:20 Conor M. Harrison*, University of North Carolina at Chapel Hill, *The role of crisis in producing the electricity landscape of North Carolina.*
1:40 Sarah E Knuth*, UC - Berkeley, *Valuing and Financializing Energy-Efficient Real Estate: Shaky Foundations?.*
Discussant(s): Anna Zalik

2418. Geographies of Media 3: Geographies of Music (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): John Finn, Rowan University; Christopher Lukinbeal, University of Arizona
CHAIR(S): John Finn, Rowan University
12:40 Darren Roberts, Mr*, University of Birmingham, *Decentring the Urban Cultural Economy: A Study of Local Music Practices in Birmingham, England.*
1:00 Ola Johansson*, University of Pittsburgh at Johnstown, *The Landscapes of Kent: Popular Music and Identity in Sweden.*
1:20 Torsten Wissmann*, The University of Texas at Austin, *Sound within the Urban Landscape.*
1:40 John Finn*, Rowan University, *Music Beyond Representation.*
Discussant(s): Chris Gibson, University of Wollongong

2419. Geographies of Craft and Crafting III (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: *Nassau A, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Kendra Strauss, University of Glasgow; Doreen Jakob, University of Exeter / UNC Chapel Hill
CHAIR(S): Doreen Jakob, University of Exeter / UNC Chapel Hill

12:40 Heather Downs, PhD*, Jacksonville University, *"I do have to show you how to uninvite someone from your pictures.": Family Discourse in the Scrapbooking Community.*

1:00 Andrew Warren*, University of Wollongong, Australia, *Soulful production: place, precarity and craftsmanship in the custom surfboard industry.*

1:20 Amanda Fickey*, University of Kentucky, *"Kentucky Crafted": Exploring geographical lores and alternative economic practices.*

1:40 Andrew Wilbur*, University of Glasgow, *Crafting alternative lifestyles: Back-to-the-landers and slow farming in Italy.*

2:00 Malcolm Ferris*, Plymouth College of Art, *Mapping the Contemporary Artisanal: a view from Chinese performance art.*

2420. Urbanizing South Asia: Problems and solutions (Sponsored by Asian Geography Specialty Group, Urban Geography Specialty Group)

Room: *Nassau B, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Elizabeth Chacko, The George Washington University
CHAIR(S): Monika Mihir, Northeastern Illinois University
12:40 Sumeeta Srinivasan*, Harvard University, *Land-use Change at the Regional Scale: Implications for Energy Supply and Demand in Chennai, India.*
1:00 Mareike Kroll*, University of Cologne, Institute of Geography, *Socioeconomic disparities and health in a mega-urban setting: perspectives from Pune, India.*
1:20 Nandini Rai*, *Crime and Social Space in Delhi, India.*
1:40 Monika Mihir*, Northeastern Illinois University, *Land Cover Change of Patna, India: A Remote Sensing Perspective.*

2421. Author Meets Critics: Marieke de Goede's Speculative Security (Sponsored by Political Geography Specialty Group, Economic Geography Specialty Group)

Room: *Regent Parlor, Hilton, Second Floor* (Panel Session)
ORGANIZER(S): Emily Gilbert, University of Toronto
CHAIR(S): Emily Gilbert, University of Toronto
Panelists: Marieke De Goede, University of Amsterdam; Stephen Graham, Newcastle University; Mona Atia, George Washington University; Mark Salter, University of Ottawa; Randy Martin, New York University; Emily Gilbert, University of Toronto

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2422. Biogeography and Paleoenvironmental Change (Sponsored by Paleoenvironmental Change Specialty Group, Biogeography Specialty Group)

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Ross Alexander, Indiana State University
CHAIR(S): Ross Alexander, Indiana State University

Geoffrey G.L. Kershaw*, Dalhousie University; Heather Castleden, PhD, Dalhousie University; Colin P. Laroque, PhD, Mount Allison University, *Communicating Environmental Risks of Alberta Oil Sands' Air Pollution with Members of the Clearwater River Dené First Nation.*

Max CA Torbenson*, Queen's University of Belfast; David M Brown, Queen's University of Belfast, *Dendrochronological analysis of sub-fossil pine from the Mid-Holocene in Northern Ireland.*

Matthew Merrill*, West Virginia University, *Hemlock Legacy Project (HeLP): Collecting and Archiving Tree-Ring Data from Old-Growth Eastern Hemlock Forests.*

Allison E. Ingram*, Rider University; Michael J. McCormack, Rider University; Daniel L. Druckenbrod, Ph.D., Rider University, *What are the main factors controlling the growth rates of different oak species (chestnut oak and white oak) across the property on George Washington's Mount Vernon plantation in Virginia?*

Dario Martin Benito*, Tree-ring laboratory, Lamont-Doherty Earth Observatory of Columbia University; Brendan Buckley, Tree-ring laboratory, Lamont-Doherty Earth Observatory of Columbia University.; Le Canh Nam, Bidoup Nui Ba National Park, Lam Dong Province, Vietnam, *Dendrochronological analysis of Fokienia hodginsii from Northwestern Vietnam.*

Matthew P. Dannenberg*, Department of Geography, University of North Carolina at Chapel Hill; Erika K. Wise, Department of Geography, University of North Carolina at Chapel Hill, *Climate Field Reconstruction Methods for Synoptic Dendroclimatology.*

Joshua Wixom*, West Virginia University, *Assessing the utility of stable isotopes in eastern red cedar for climate reconstructions: a pilot study.*

Chaina Bapikée*, University of Minnesota - Minneapolis, *Climate change, water issues, and public health.*

John T Hayes, Ph.D.*, Salem State University, *Tipping Points in the Earth's Climate System: A Review and Proposed Ranking.*

Elizabeth C Browder*, Edward J. Bloustein School, Rutgers, *Storms, Floodplains & Urban Development: Remote Sensing Change Analysis of Brisbane's 100-year Flood.*

Caroline Pavlowsky*, Missouri State University; Robert Pavlowsky, Dr. Missouri State University, *Climate Change and Historical Surface Water Temperature and Chemistry Trends in the Ozarks.*

Elizabeth G. Ray, M.S., Ph.D. student*, Texas State University-San Marcos, *Climate Change Policy and Practice in Florida's Gulf Coast Communities.*

Tanita Suepa*, Michigan State University; Jiaguo Qi, Michigan State University; Siam Lawawirojwong, Michigan State University, *Response of seasonal vegetation dynamics to climatic variations in Southeast Asia.*

Michael T Griffin*, East Carolina University; Burrell Montz, East Carolina University, *Emerging Water Stress in Southeast North Carolina.*

Jonathan Pollak*, University of Connecticut, *Climatic Vulnerability: Sea Level Rise and Communities on Martha's Vineyard.*

Michelle Ruiz*, Texas A&M University, *Assessment of the Effect of Climate Change on Florida's Future Hurricane Event Risk.*

Joshua Perlman, PhD Candidate*, Geography Graduate Group, UC Davis; Robert Hijmans, Associate Professor, Department of Environmental Science and Policy, UC

Davis; William Horwath, Professor, Department of Land, Air, and Water Resources, UC Davis, *Estimating N₂O emissions from US maize production with the DNDC model.*

Ethan J Strickler*, University of Richmond - Department of Geography; Todd Lookingbill, Ph.D. Duke University, University of Richmond - Department of Geography; Andrew Pericak, University of Richmond - Department of Geography; Tiho Kostadinov, Ph.D. UC Santa Barbara, University of Richmond - Department of Geography, *Using Western Hemlock Regeneration to Explore Potential Climate Responses in Old-Growth Forests of the Pacific Northwest.*

Chris Karmosky*, Penn State University; Derrick J Lampkin, PhD, Penn State University; David B Reusch, PhD, New Mexico Tech, *Synoptic Scale Atmospheric Forcings on Surface Melt Occurrence on West Antarctic Ice Shelves.*

Kristen L. Whitbeck, PhD candidate*, McGill University; Douglas R. Oetter, PhD, Georgia College and State University; James W. Fyles, PhD, McGill University, *A Regional Perspective on the Distribution and Abundance of Populus tremuloides (aspen) in the James Bay Region of Northwestern Quebec.*

Nate Amato*, Keene State College; Zach Clark, Keene State College; Zach Redman, Keene State College; Nick G Fuller*, Keene State College, *Keeping Keene Cool.*

Jessica E Steele*, University of Florida; Erin L Bunting, University of Florida; Eric KEYS, PhD, University of Florida; Shylock Muyengwa, University of Florida; Brian Child, PhD, University of Florida; Peter Waylen, PhD, University of Florida; Jane Southworth, PhD, University of Florida, *The Role of Socioeconomic Institutions in Mitigating Impacts of Climate Variability and Climate Change in Southern Africa.*

Jonathan Leblanc Tanguay, Msc candidate*, Department of Geography, University of Ottawa, *Assessment of the Vulnerability to Climate Change in Mont-Laurier and Ferme-Neuve, Quebec, Canada.*

Paporn Thebpanya, Department of Environmental Planning*, Towson University; Harald Beck, Department of Biological Sciences, Towson University, *Do River Dynamics Affect Aquatic Species Inside the Amazon Rainforest?*

Jacob B Slyder, Master's Student*, Virginia Tech; Lynn M Resler, Associate Professor, Virginia Tech; Emily K Smith-McKenna, PhD Student, Virginia Tech, *Regeneration and Recruitment of Whitebark Pine (Pinus albicaulis) at Two Alpine Treelines in the Northern Rocky Mountains.*

Kim Diver*, Wesleyan University; William Martin-Black, Trinity College, *Evidence of increased island area due to low lake levels in Lake Huron: implications for plant species invasions.*

Joseph L Pettit*, Indiana State University; James H Speer, Ph. D., Indiana State University; Nicholas H. Gikas, Indiana State University; Joy M. O'Keefe, Ph. D., Indiana State University, *Using Dendrochronology to Examine Indiana Bat Maternity Roost Habitat at a Mitigation Site in Plainfield Indiana.*

Andrea R Kelley*, Indiana State University, *Dendrochemistry of Three Trees Species Near Wildcat Creek in Kokomo Indiana.*

Joanne P Ballard*, University of Tennessee; Mathew S Boehm, University of Tennessee; Scott Meeks, University of Tennessee; Sally P Horn, University of Tennessee, *New Charcoal Data from an Old Sediment Core: Microscopic Charcoal Quantification on Pollen Slides from Anderson Pond, Tennessee.*

Barry Keim*, Louisiana State University, *Impacts of Hurricane Katrina Along the Northern Gulf Coast.*

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Keith Henderson*, Villanova University, *A Seasonal Climatology of Tree-Related Power Outages in Pennsylvania*.

Mark L Hildebrandt*, Southern Illinois University Edwardsville, *The Climatology of Recent Federal Ozone Violations Across the St. Louis Region*.

Stephen Beckage*, Louisiana State University; Barry D Keim, Dr, Louisiana State University, *A Historical Storm Surge Database for the East Coast of the United States*.

Paul Soltesz*, The Ohio State University; David F. Porinchu, University of Georgia; Aaron Potito, National University of Ireland, Galway; David Beilman, University of Hawaii; Jim DeGrand, The Ohio State University; Scott Reinemann, The Ohio State University, *Assessing Mid-Holocene Aridity in Central Ohio*.

Suley Cruz Berrios, University of Puerto Rico at Rio Piedras; Ricardo J. Morales De Jesus*, University of Puerto Rico at Rio Piedras; Rafael Mendez Tejeda, University of Puerto Rico at Carolina, *Regional analysis of precipitation over Puerto Rico during 1960 to 2010*.

2423. Unnatural Neoliberalisms? Debating 'Post-Neoliberalism' and 'Alternatives' to Neoliberal Natures (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group, Economic Geography Specialty Group)

Room: Sutton Parlor Center, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Leila Harris, University of British Columbia; Karen Bakker, University of British Columbia
CHAIR(S): Leila Harris, University of British Columbia
Discussant(s): Julie Guthman, Univ of California Santa Cruz; Wendy Larner, University of Bristol
Panelists: Kevin St. Martin, Rutgers University; Karen Bakker, University of British Columbia; James McCarthy, Pennsylvania State University

2424. Dis/articulations: Commodity circuits and the uneven geographies of capitalism I (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Marion Werner, University at Buffalo, SUNY; Christian Berndt, University of Zurich
CHAIR(S): Marc Boeckler
Introducer: Marion Werner
Introducer: Jennifer Bair
12:50 Sandy Brown*, UC Berkeley, *One hundred years of devaluation: Labor exploitation, armed conflict, and the Fair Trade banana commodity chain in Urabá, Colombia*.
1:06 Léonie S Newhouse*, University of Washington, *A new life at the end of the food chain: food aid, caring across distance, and shifting practices in the 'global domestic'*.
1:22 John Lindenbaum, Ph.D.*, Colorado State University, *The disarticulation of food, people, meanings, and politics in U.S. food banks*.
1:38 Bradley Wilson*, West Virginia University, *Militant Particulars and the Global Good: Re-Articulating the Fair Trade Coffee Contract in Nicaragua*.
1:54 Kate Maclean*, King's College London, UK, *The political life of a poncho: Gender and the global used clothes trade in 'post-neoliberal' Bolivia*.

2425. Economic Affects I

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Derek McCormack, University of Oxford; Ben Anderson, Durham University
CHAIR(S): Peter Adey, Keele University
12:40 Derek McCormack, Dr*, University of Oxford; Peter Adey, Dr., Keele University; Ben Anderson, Dr, University of Durham, *The geographies of economic affects*.
1:00 Paul Langley*, University of York, *Crisis and Capitalisation: The 'Bank Bailouts' as Affective Governance*.
1:20 Stephen Boatright*, CUNY Graduate Center, *Navigating Toward First-Time Homeownership: An Ethnographic Investigation of Affect, Emotion, and Economic Rationality in the Home-Buying Process*.
1:40 Matthew Tiessen, PhD*, Infoscape Research Lab, Ryerson University, *Digitally-Driven Debt and the Overdetermination of Potential: Credit-Money's Modes of Affecting (and Being Affected)*.
2:00 Keith Woodward*, University of Wisconsin-Madison, *Jacques Derrida, decapitalizer*.

2432. Measuring and Modeling Terrestrial Ecosystem Structure and Dynamics I

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Laura Duncanson, University of Maryland; George Hurtt, University of Maryland
CHAIR(S): Ralph Dubayah, University of Maryland - College Park
12:40 Ralph Dubayah*, University of Maryland - College Park, *County-Scale Carbon Estimation in NASA's Carbon Monitoring System*.
1:00 Jose L Silvan-Cardenas, PhD*, Geography and Geomatics Research Center, *Semi-automatic production of a 3-D virtual forest by means of airborne LiDAR measurements*.
1:20 Laura Duncanson*, University of Maryland, *Applying allometric scaling theory to link forest structure and dynamics*.

2435. Fluvial Geomorphology III (Sponsored by Geomorphology Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Inci Guneralp, Texas A&M University; James Riley, Eastern Illinois University
CHAIR(S): Frank Engel, University of Illinois
12:40 Amanda Reinholtz*, University of Oregon; Adriana Martinez, University of Oregon; Patricia McDowell, PhD, University of Oregon, *Role of Carex nudata in shaping river channel form on the Middle Fork John Day River*.
1:00 Josh Galster*; Dirk Vanderklein, Montclair State University, *The impact of the invasive plant species Japanese knotweed on river discharge and water resources*.
1:20 Michael G Commons*, Syracuse University, *Effects of Stream Network Structure on Riparian Vegetation Diversity in the South Fork of the Trinity River watershed, northern California*.
1:40 James Jahnz*, University of Kentucky, *Estimating peak discharge of an extreme flow event on the lower Wisconsin River*.

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2436. Migration and Activism 3

Room: Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Nick Gill, Exeter University; Deirdre Conlon, Emerson College

CHAIR(S): Deirdre Conlon, Emerson College

12:40 Nick Gill*, Exeter University, UK; Deirdre Conlon, St. Peter's College; Ceri Oeppen, University of Sussex, UK; Imogen Tyler, Lancaster University, UK, *Beyond Activism: Deactivism, Reactivism and Interactivism in Geographical Perspective.*

1:00 Marina Prieto-Carron*, University of Portsmouth, UK; Nicola Piper, University of Freiburg, Germany, *Gendered and Racialised Resistance: Migrant workers in the export agricultural sector in Spain.*

1:20 Maria Holt*, University of Westminster, *The Palestine of our Imagination: Refugee Women and Meanings of Home.*

1:40 Louise Waite, Dr*, University of Leeds, *Precarious Lives: Asylum Seekers and Refugees' Resistance Within Unfree Labouring.*

Discussant(s): Diane Richardson, Newcastle University, UK

2437. Forest dynamics and disturbances 1 (Sponsored by Remote Sensing Specialty Group, Biogeography Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Dominik Kulakowski, Clark University; Christopher Williams, Clark University

CHAIR(S): Dominik Kulakowski, Clark University

12:40 Melanie Vanderhoof*, Geography Department, Clark University; Christopher Williams, Geography Department, Clark University, *The affect of a clear-cut environment on the respiration of woody debris, Harvard Forest, Massachusetts.*

1:00 Dominik Kulakowski*, Clark University; Carolyn Matthews, Clark University; Dan Jarvis, Clark University, *The effect of compounded disturbances on the regeneration of subalpine forests in western Colorado.*

1:20 Christopher Williams*, Clark University; Barden Ghimire, Clark University; Melanie Vanderhoof, Clark University, *Carbon Legacies of Forest Disturbances by Fires, Insects, and Harvests.*

1:40 Scott Powell*, Montana State University; Warren Cohen, USDA Forest Service; Robert Kennedy, Oregon State University; Sean Healey, USDA Forest Service; Chengquan Huang, University of Maryland, *Assessment of forest disturbance and biomass flux across the conterminous U.S.*

2:00 Barden Ghimire*, Clark University; Christopher Williams, Clark University, *Carbon consequences of bark beetle outbreaks in western United States forests.*

2439. Coastal Response to Sea Level Changes (Sponsored by Coastal and Marine Specialty Group)

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Keqi Zhang; Lesley Patrick, City University of New York

CHAIR(S): Keqi Zhang

12:40 Vivien Gornitz, PhD*, Columbia University; Cynthia Rosenzweig, PhD, NASA GISS; Radley Horton, PhD, Columbia University; Daniel Bader, Columbia University; Richard Goldberg, Columbia University, *Hurricanes and Sea Level Rise in New York City.*

1:00 Thomas Allen*, East Carolina University, *Modeling Sea-Level Rise and Wetland Response in the Croatan and Pamlico Sounds, North Carolina.*

1:20 Robyn M B Stuber*, University of North Carolina at Charlotte, *Planning at Sea Level: Analysis of Perception.*

1:40 Lesley Patrick*, City University of New York, *Sea-Level Rise and Flooding Periodicity in High Risk Coastal*

Sites along the Southern Shore of Long Island, NY.

2:00 Keqi Zhang*, Florida International University, *Impacts of Storm Surge and Sea Level Rise on the Florida Keys.*

2440. Spatial Aspects of the City: Transportation, Distribution, and Disinvestment

Room: Hudson York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Meng Guo, Ohio state university

12:40 Nick Bailey*, University of Glasgow; Maria Gannon, University of Glasgow; Ade Kearns, University of Glasgow; Alastair Leyland, University of Glasgow; Mark Livingston, University of Glasgow, *Living Apart, Losing Sympathy? The Impacts of Neighbourhood Context on Attitudes to Inequality and Redistribution.*

1:00 Billie Giles-Corti*, The University of Melbourne; Gina Trapp, BHS(Hons), The University of Western Australia; Vince Learnihan, Urban Design 4 Health Inc; Max Bulsara, PhD, The University of Notre Dame; Kimberley Van Niel, PhD, The University of Western Australia; Anna Timperio, PhD, Deakin University; Gavin McCormack, PhD, University of Calgary; Karen Villanueva, BHS(Hons), The University of Western Australia, *School siting and the potential to walk to school: the impact of street connectivity and traffic exposure in school neighborhoods.*

1:20 Meng Guo*, Ohio state university, *Is distance a trivial issue in excess commuting literature?.*

2441. Political Ecologies of Resolution: Assumptions, Policies, and Unintended Consequences (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Kimberley Thomas; Kathleen O'Reilly, Texas A&M University

CHAIR(S): Kimberley Thomas

12:40 Trevor Birkenholtz*, Rutgers University, *Urbanizing Water, Marginalizing Farmers: Urban Growth, Irrigated Agriculture and Water Development in Northwestern India.*

1:00 Kathleen O'Reilly*, Texas A&M University, *Space, Subjectivity, and the Pour-Flush: Making Sense of Latrine Non-Usage.*

1:20 Souyeon Nam*, Texas A&M Univ., *"We're happy with our ecotourism here": Social networks and the trade-off between political rights and economic gains.*

1:40 Kimberley Thomas*, Rutgers University, *Water Under the Bridge? International Resource Conflict and Post-Treaty Dynamics in South Asia.*

Discussant(s): Trevor Birkenholtz, Rutgers University

2442. New Directions in Political Ecology I: Addressing Climate Change (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Socialist and Critical Geography Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Brandon B Derman, University of Washington; Lucy Jarosz, University of Washington

CHAIR(S): Kacy McKinney

12:40 Luke Bergmann*, University of Washington, *Beyond imagining local causes/solutions to a global problem: mapping carbon footprints of global capitalism.*

1:00 Brandon B Derman*, University of Washington, *Civil Society and Climate Governance in the EU and the UNFCCC: Rights, Markets, Movement.*

1:20 Petra Tschakert*, Penn State University, *Limits to climate change adaptation.*

Discussant(s): Diana Liverman, University of Oxford

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2444. Children and the Environment 2: Mobility (Sponsored by Health and Medical Geography Specialty Group, Transportation Geography Specialty Group)

- Room:** Conference Room B, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Raktim Mitra, University of Toronto; Kristian Larsen, University of Toronto
CHAIR(S): Kristian Larsen, University of Toronto
12:40 Andrea Cook, BES*, University of Melbourne, *"Miss? What's A Survey?": Visual Research As A Method For Better Understanding Children's Independent Mobility.*
1:00 Caroline Fusco, Dr*, University of Toronto; Guy Faulkner, Dr, University of Toronto; Ron Buliung, Dr, University of Toronto; Fiona Moola, University of Toronto; Vanessa Richichi, University of Toronto, *Exploring Children's Productions of their School Travel Spaces: A Lefebvrian Analysis of AST.*
1:20 Asa Aretun*, The Swedish research and transport institute, VTI, *Teenagers as victims and perpetrators in residential districts: Integrating social policy, land use and transport planning.*
1:40 Carolyn Whitzman*, University of Melbourne; Paul J Tranter, Australian Defense Force Academy; Andrea Cook, University of Melbourne; Christine Armit, Merri Community Health Services, *Children's Independent Mobility and Active Travel: the relative influence of social, built and policy environments.*
2:00 Hagit Zimroni*, The Hebrew University of Jerusalem, *Qualitative GIS and 'places of children': How children redefine their 'bounded space' of school territory?.*

2445. Japanese Cities in Global Networks III (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

- Room:** Conference Room C, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Cary Karacas, College of Staten Island; Paul Waley, University of Leeds
CHAIR(S): Carola Hein
Introducer: Carola Hein
12:41 Richard Ronald*, University of Amsterdam, *How changing family norms and forms are reshaping urban Japan.*
12:56 Andre Sorensen*, University of Toronto, *Condos, Manshon, and Gated Communities: Institutional Borrowing and Path Dependence in Space.*
1:11 Maren Godzik, Dr.*, German Institute for Japanese Studies, *Changing society, changing housing: The discourse on alternative housing in Japan.*
1:26 Yoshimichi Yui*, Hiroshima University; Tomoko Kubo, JSPS Research Fellow, Meiji University, *Homeownership by Single-person in Central Tokyo since the late 1990s: New Type of Gentrification.*
1:41 Tomoko KUBO*, JSPS Research Fellow, Meiji University; Ryo Koizumi, Graduate Student of Tokyo Metropolitan University; Hiroyasu Nishiyama, Graduate Student, Meiji University; Mikoto Kukimoto, JSPS Research Fellow, Tokyo Metropolitan University; Taro Kawaguchi, Meiji University, *Supply of Super High-rise Condominiums in Central Tokyo and Its Impact on Residential Structure.*

2446. Qualitative GIS Symposium VI: Dynamic mapping: Exploring urban history, identity, and social justice with GIS (Sponsored by Geographic Information Science and Systems Specialty Group)

- Room:** Conference Room D, Sheraton, Lower Level (Interactive Short Paper Session)
ORGANIZER(S): Jennifer Mapes, State University of New York, Plattsburgh; Marianna Pavlovskaya, Hunter College
CHAIR(S): Jennifer Mapes, State University of New York, Plattsburgh
Introducer: Jennifer Mapes
12:43 Emma Slager*, University of Oregon, *Reconsidering Distance: Incorporating Travel Time in Food Desert Mapping.*
12:48 Rex Rowley*, University of Wisconsin-Platteville, *Mapping Urban Identity: GIS and Local Sense of Place in Las Vegas.*
12:53 Jennifer Mapes*, State University of New York, Plattsburgh, *Designing vulnerability: Urban renewal, social isolation, and the Lake Champlain flood of 2011.*
12:58 Jordan Leff*, Hunter College; Rob Elleto, Hunter College; Pawel Zablocki, Hunter College; Marcos Villaseñor, Hunter College, *Examining the Solidarity Economy using Geographic Information Systems.*
1:03 Sarah Scandiffio*, Hunter College; Adele Balderston, Hunter College; Lloyd Canning, Hunter College; Stephen Boatright, Hunter College, *Regulating Rent in NYC: Providing a Helping Hand.*
1:08 Lakshman Kalasapudi*, Hunter College; Thomas Held, Hunter College; Kenea Letts, Hunter College; Ben Soriano, Hunter College, *Examining Food Justice in Brooklyn through GIS.*
1:13 Olena Borkovska*, Hunter College; Taylor Oshan; Mishka Vance; Franklin Stallings, *Examining the Spatial Patterns of the New York Police Department "Stop and Frisk" Practice.*

2447. Spatiotemporal Thinking and Computing III --- Computing and Software (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)

- Room:** Conference Room E, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Chaowei Yang, CISC/GMU; Qunying Huang, George Mason University
CHAIR(S): Abdelmounaam Rezgui, George Mason University
12:40 Anne Jacquin, University of Toulouse, Purpan School of Engineers (France); Shawn Hutchinson*, Kansas State University; Michel Goulard, National Institute of Agronomy Research (France); Stacy L. Hutchinson, Kansas State University, *Spatiotemporal analysis of remotely-sensed imagery to explore the relationship between vegetation change and fire regime on military training lands.*
1:00 Martin Minkowski*, University at Buffalo Geography Department; Chris Renschler, PhD, SUNY - Buffalo, *A Sustainable Software Development Approach Enabling Decision-Making with a State-of-the-Art Model in a Changing Data and GIS Environment: a Wildfire Example.*
1:20 Tianfang Bernie Fang*, Texas State University-San Marcos, *Geovisualization of Real-Time Personal Exposure to Air Pollution Using Space-Time GIS.*
1:40 Ziliang Zhao*, The University of Tennessee, Knoxville; Shih-Lung Shaw, PhD, The University of Tennessee, Knoxville; Dali Wang, Oak Ridge National Laboratory, *An Object-Oriented Space-Time GIS for Climate Change Analysis.*
Discussant(s): Ming-Hsiang Tsou, San Diego State University

SATURDAY, FEBRUARY 25 • 12:40 PM - 2:20 PM • 2400**2448. Geospatial Ontology and Knowledge Management I: image processing, visualization, and cognitive engineering (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)***Room: Conference Room F, Sheraton, Lower Level (Paper Session)*

ORGANIZER(S): Alexandre Sorokine, Oak Ridge National Laboratory; Robert Raskin, Jet Propulsion Lab

CHAIR(S): Liping Di, George Mason University

12:40 Heath Robinson, Ph.D.*, University of South Florida, *A Theory of Social Agentivity and Its Integration into the Descriptive Ontology for Linguistic and Cognitive Engineering.***1:00** Marilyn Stowell*, San Diego State University; Grant Fraley, San Diego State University; Andre Skupin, San Diego State University, *Visualizing the Geographic Information Science and Technology Body of Knowledge.***1:20** Kate Beard*, University of Maine; Reinhard Moratz, University of Maine; Nicolas Giudice, University of Maine, *Linking modular ontologies for image to natural language production.***1:40** Shin-yi Hsu*, SUNY - Binghamton, *Knowledge Capture for Image Processing with Compilable Human Language.***2:00** Liping Di*, George Mason University, *Ontology-Supported Automatic Discovery of Compound Geospatial Features from Remote Sensing Images.***2450. Slums, Enclaves, and Migrant Settlement in China (Sponsored by China Specialty Group, Population Specialty Group, Urban Geography Specialty Group)***Room: Conference Room H, Sheraton, Lower Level (Paper Session)*

ORGANIZER(S): Guo Chen, Michigan State University; Jia Feng, Michigan State University

CHAIR(S): Guo Chen, Michigan State University

12:40 Jia Feng*, Michigan State University, *The Rise and Fall of Henancuns in Beijing, China.***1:00** Guo Chen*, Michigan State University, *New Spatial Development of Native Place-based Migrant Settlements in Beijing.***1:20** Yanning Wei*, University of Washington, *Where are the Slums in China? Rethinking the Formation and Spatial Pattern of Poverty.***1:40** Puyang Li*, Michigan State University, *African Enclaves in a Globalizing City: The Case of Guangzhou, China.*

Discussant(s): Cindy Fan, UCLA

2451. Polar Geographies VI: Change and Sustainable Development in the Arctic (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)*Room: Conference Room I, Sheraton, Lower Level (Paper Session)*

ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland

CHAIR(S): Peter Schweitzer, University of Alaska Fairbanks

12:40 Chris Southcott*, Lakehead University, *Building Sustainable Communities in the Arctic: the Resources and Sustainability in the Arctic Project.***1:00** Nikolay Shiklomanov*, Department of Geography, George Washington University; Colin Reisser, Department of Geography, George Washington University; Dmitriy Streleyskiy, Department of Geography, George Washington University, *From Prominence to Collapse to Sustainable Development: The Past, Present, and Future of Igarka.***1:20** Colin Reisser*, The George Washington University, *Post-Soviet Economic Transition in the Arctic: The Case of Norilsk.***1:40** Tor A. Benjaminsen*, Norwegian University of Life Sciences, *Political ecology of Sámi reindeer pastoralism in Finnmark, Norway.***2:00** Kalb T Stevenson, PhD*, University of Alaska Anchorage; Lilian Alessa, PhD, University of Alaska Anchorage; Andy Kliskey, PhD, University of Alaska Anchorage; Heidi B. Rader, MS, University of Alaska Cooperative Extension / Tanana Chiefs Conference; Alberto Pantoja, PhD, Food and Agriculture Organization of the UN, RLC; Mark Clark, MS, USDA NRCS, *Food Security Through Sustainable Agriculture in Alaska and the Circumpolar North.***2452. International immigrant centralities in urban contexts: spatial dynamics and social processes. (Sponsored by Latin America Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Conference Room J, Sheraton, Lower Level (Paper Session)*

ORGANIZER(S): Virginie Baby Collin, Université de Provence; Geneviève Cortès, University of Montpellier

CHAIR(S): Virginie Baby Collin, Université de Provence

12:40 Lucile Medina, Associate Professor*, Université Paul-Valéry Montpellier 3, UMR CNRS ART-DEV; Virginie Baby Collin, Associate Professor, Aix Marseille Université, UMR CNRS Telemme, MMSH (France), Visiting Scholar, University of Columbia (New York City), 2010-2012, *Andean concentrations and Bolivian centralities in multicultural Spanish metropolises (Madrid and Barcelona).***1:00** Marie D Price*, George Washington University, *The Challenge of Immigrant Inclusion in Increasingly Diverse Gateway Cities: The Case of Metropolitan Washington.***1:20** Susana Maria Sassone*, CONICET; Geneviève Cortès*, University of Montpellier, *Immigrant Centralities and Geography of the Peripheries: the Case of the Bolivian Community in Buenos Aires.***1:40** Ricard Moren-Alegret*, Universitat Autònoma de Barcelona; Dawid Wladyka, Universitat Autònoma de Barcelona; Albert Mas, Universitat Autònoma de Barcelona, *Does the locality size matter? Foreign immigrants' integration in Barcelona, Roses and Castelló d'Empúries (Catalonia, Spain).*

Discussant(s): David L Giband, University of Perpignan

2453. Theorizing the Geographies of Food: New Directions and Interventions for Alternative Food Praxis (Session 3 of 5) (Sponsored by Rural Geography Specialty Group)*Room: Conference Room K, Sheraton, Lower Level (Paper Session)*

ORGANIZER(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges; Allison N Hayes-Conroy, Temple University

CHAIR(S): Renata Blumberg, University of Minnesota

12:40 Amy Trauger*, University of Georgia, *Theorizing the geographies of food sovereignty.***1:00** Paolo Giaccaria*, University of Torino, *Slow Food, fast business.***1:20** Shannon Tyman, PhD student in the Built Environment*, university of washington, *What does democracy look like? Examining democratic discourse in alternative food movements.***1:40** Stefan Dormans*, Radboud University Nijmegen; Arnoud Legendijk, Radboud University Nijmegen; Bas Hendrikx, Radboud University Nijmegen, *Tracing the Slow Food Movement: local food scapes and global networks.*

Discussant(s): Nathan Clough, University of California, Davis; Helga Leitner, University of Minnesota - Minneapolis

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2454. Geographies of human genetic variation: critical pedagogies of race and relatedness

Room: Conference Room L, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): Catherine Nash, Queen Mary, University of London
CHAIR(S): Catherine Nash, Queen Mary, University of London
Panelists: Catherine Nash, Queen Mary, University of London; Heather D Winlow, Bath Spa University; Alex Standish; Sara H. Smith, University of North Carolina; Arun Saldanha, University of Minnesota - Minneapolis

2456. Topics in Human Geography: Education, Culture and Art

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Sarah LeGar
12:40 Mallory Henig*, The Pennsylvania State University, *Geog 493 - Environmental Issues Across the Americas*.
12:45 Kate J. Darby*, Allegheny College, *Raising Rustbelt Researchers: A Case Study of Integrated Teaching and Research*.
12:50 Colleen Garrity*, SUNY-Geneseo; Kristina Hannam, SUNY-Geneseo, *The EcoAtlas Project*.
12:55 Emily Roach*, Middlebury College; Michaela Skiles, Middlebury College; Jane Williams, Middlebury College; Jue Yang, Middlebury College, *Middlebury Geography Taken Outside the Classroom*.
1:00 Pat Farrell, Geography Professor*, University of Minnesota Duluth; Mary Farrell, Art Professor, Gonzaga University, *Soil, art and science...an unlikely trio?*.
1:05 Erik Prout*, Texas A&M University; Maryam Karimi, UMass Amherst, *Route 66: soul-searching on America's Mother Road*.
1:10 Fiona M Davidson*, University of Arkansas, *Landscape of Change: Labour and the SNP in the 21st century*.
1:15 Sarah LeGar*, Humboldt State University, *Are Manners Disappearing? The Impacts of Technologies in Urban and Rural Societies*.

2457. Geopolitics and the Transnational: Policies, Practices, and Knowledge (Sponsored by Political Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Jouni Hakli, University of Tampere; Merje Kuus, University of British Columbia
CHAIR(S): Merje Kuus, University of British Columbia
12:40 Martin Müller*, Universität St. Gallen, *Opening the black box of the organization*.
1:00 John Agnew*, University of California, Los Angeles, *Credit Masters: Credit-Rating Agencies, Sovereign Debt Ratings and the New Sovereignty*.
1:20 Merje Kuus*, University of British Columbia, *Transnational Diplomats?: Embodying Europe in Brussels*.
1:40 Jouni Hakli*, University of Tampere, *Children's rights advocacy as a transnational geopolitical practice*.
2:00 Alex Jeffrey*, Newcastle University, *Legal Geopolitics: The State Court of Bosnia and Herzegovina*.

2458. Progress in Human Geography, Annual Lecture, Professor Cindi Katz

Room: Empire Ballroom East, Sheraton, Second Floor (Panel Session)
ORGANIZER(S): Anssi Paasi, University of Oulu
CHAIR(S): Anssi Paasi, University of Oulu
Introducer: Anssi Paasi
Panelists: Cindi Katz, CUNY Graduate Center

2459. The Corn Belt (Sponsored by Rural Geography Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Chris Laingen, Eastern Illinois University
CHAIR(S): Chris Laingen, Eastern Illinois University
12:40 Dawn M Drake, PhD*, Winona State University, *Rusty Tractors and Abandoned Combines: Industrial Change in the US Corn Belt*.
1:00 John Fraser Hart*, University of Minnesota - Minneapolis, *The Corn Belt Fifty Years Ago*.
1:20 John C. Hudson*, Northwestern University, *Five Decades of Change in the Corn Belt*.
1:40 Chris Laingen*, Eastern Illinois University, *A Century of Change at the Farmers Grain Elevator of Dorans, Illinois*.
2:00 Darrell Napton*, South Dakota State University, *Agricultural Land Change in the Northwestern Corn Belt of the United States: 1972-2007*.

2460. Fire, Humans, and Climate - Untangling Relationships, Causes and Consequences III (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Megan K Walsh, Central Washington University; Jennifer Marlon, University of Wisconsin-Madison
CHAIR(S): Megan K Walsh, Central Washington University
12:40 Alexandra Ponette-González*, University of North Texas; Kenneth R Young, Ph.D., University of Texas at Austin; Reid C Ferring, Ph.D., University of North Texas, *Land-use Legacies in the Andes: Fire, Grazing, and Soil Chemistry across Treeline*.
1:00 Susan Macey*, Texas State University, *An analysis of the demographic and wildland-urban interface characteristics of Firewise Communities in Texas*.
1:20 Narcisa G Pricope, PhD*, Southern Oregon University; Cerain Gibbes, PhD, University of Colorado, Colorado Springs; Jane Southworth, PhD, University of Florida, *The role of interacting fire and livestock increases in driving vegetation dynamics in the central Kavango-Zambezi Conservation Area*.
1:40 Joseph Yaro*, University of Ghana, *Transnational Outgrower Schemes Under Siege: Bushfires Avert Land Grabbing in Northern Ghana*.

2461. Health Poverty and Place in Ghana-I (Sponsored by Population Specialty Group, Africa Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)
ORGANIZER(S): John Weeks, San Diego State University
CHAIR(S): John Weeks, San Diego State University
12:40 Ryan Engstrom*, George Washington University; Caetie Oefish, George Washington University; David Rain, George Washington University, *Defining Neighborhood Boundaries for Urban Health Research: A Case Study of Accra, Ghana*.
1:00 Arthur Getis*, San Diego State University, *Defining Neighborhoods in Accra, Ghana: An Application of the Hi Statistic*.
1:20 Marta M Jankowska, M.S.*, San Diego State University, *Operationalizing Neighborhoods for Multilevel Modeling: An Example of How Boundaries Matter for Understanding Health in Accra, Ghana*.
1:40 Raymond Tutu*, Delaware State University, *Resilience and Social Connectivity among Migrants in Old Fadama, a Slum in Accra*.
2:00 Emmanuel H Aggrey-Korsah*, University of North Texas; Joseph R Oppong, Dr., University of North Texas; Chetan Tiwari, Dr., University of North Texas, *Researching Urban Slum Health in Nima, Ghana*.

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- 2462. Agent-Based Models and Geographical Systems: Decision Making (Sponsored by Human Dimensions of Global Change Specialty Group, Spatial Analysis and Modeling Specialty Group)**
Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alison Heppenstall; Christopher Bone, University of Oregon
 CHAIR(S): Andrew Crooks, George Mason University
12:40 David Bennett*, University of Iowa; Jerry Schnoor, The University of Iowa; Marian Muste, The University of Iowa; Silvia Secchi, Southern Illinois University-Carbondale; Deng Ding, The University of Iowa; Sudipta Mishra, The University of Iowa; Umashanker Rapolu, The University of Iowa, *Modelling Land Use/Land Cover Change in Response to Changing Economic and Environmental Drivers*.
1:00 Christopher Bone*, University of Oregon, *Integrating multi-objective decision making theory and agent-based modeling for enhancing spatial decision support systems*.
1:20 Dawn Cassandra Parker, PhD*, University of Waterloo; Tianyi Yang, Harvard University; Qingxu Huang, University of Waterloo; Shipeng Sun, PhD, University of Waterloo; Raymond Cabrera, University of Waterloo, *A web-based model output query and visualization tool for the Agent-Based Land Market Model*.
1:40 Tyler Bonnell, Mr., Department of Geography, McGill University; Raja Sengupta*, Indraprastha Institute of Information Technology-Delhi, India; Colin Chapman, Dr., Anthropology/School of Environment, McGill University; Tony Goldberg, Dr., Veterinary Medicine, Univ. Wisconsin-Madison, *Linking Landscapes to Disease: An Agent-Based Model simulating the impact of forest composition on spread of disease in red colobus populations*.
2:00 Roger White*, Memorial University of Newfoundland, *Predicting the Dynamics of Population and Land Use at High Resolution by Means of a Cellular Automaton Based Model: Problems of Validation and Verification*.
- 2463. Intersections of Displacement, I: Immigrant and Refugee Housing and Homelessness Experiences**
Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Priya Kissoon, University of British Columbia; Sutama Ghosh, Ryerson University
 CHAIR(S): Jacqueline Housel, Miami University
 Introducer: Sutama Ghosh
12:45 Shimantini Shome, PhD*, Concord University, *From Somali to Somali-American: Assimilation challenges faced by Somali refugees in Kansas City*.
1:05 Heather J McAfee*, University of Oregon, *Resettlement, Identity and Sense of Place: An Invisible Diaspora Post-2003 Iraqi Refugees in Portland, Oregon and Austin, Texas*.
1:25 Lina Hedman*, Uppsala university, *Understanding Ethnic Clustering - the Relative Importance of Co-Ethnicity and Family for the Neighborhood Choices of Immigrants*.
1:45 Jacqueline Housel*, Miami University, *Finding home? The Ahiska Turkish American Community in Dayton, Ohio*.
- 2464. Biofuels, Food and the Bio-based Economy 3: A Technological Fix? (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track, Energy and Environment Specialty Group)**
Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Kean Birch, York University; Stefano Ponte, Danish Institute for International Studies
 CHAIR(S): Stefano Ponte, Danish Institute for International Studies
12:40 Kean Birch*, York University; Les Levidow, Dr, Open University; Theo Papaioannou, Dr, Open University, *Neoliberalising Technoscience and Environment: EU Policy for Competitive, Sustainable Biofuels*.
1:00 Les Levidow*, Open University, *UK biofuels R&D: Imagining and shaping a 'low-carbon economy'*.
1:20 Sean Gillon, PhD*, University of Wisconsin - Madison, *Carbon Science and Agroecological Practice in US Biofuel Governance*.
1:40 Warren Mabee, PhD*, Queen's University; Kirby Calvert, Queen's University; Nathan Manion, Queen's University; Sinead Earley, Queen's University, *The Changing Geographies of Biorefining: How Technological Advances and Shifting Policies are Influencing Industrial Development*.
 Discussant(s): Stefano Ponte, Danish Institute for International Studies
- 2465. Curriculum Development in Business Geography (Sponsored by Applied Geography Specialty Group, Geography Education Specialty Group, Business Geography Specialty Group)**
Room: *Liberty 3, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Murray Rice, University of North Texas; Tony Hernandez, Ryerson Polytechnic University
 CHAIR(S): Murray Rice, University of North Texas
 Introducer: Murray Rice
 Panelists: Jay Lee, Kent State University; Lawrence E Estaville, Texas State University; Fred L Milller, Murray State University
- 2466. City Habitat: Urban Ecologies and Ethical Cohabitation (Sponsored by Animal Geography Specialty Group)**
Room: *Liberty 4, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Traci Warkentin, Hunter College
 CHAIR(S): Traci Warkentin, Hunter College
12:40 Traci Warkentin*, Hunter College, *Seeing the City as Habitat: Examining Ethical Affordances for Urban Wildlife in New York City*.
1:00 Erin Luther, PhD Candidate*, York University, *Tales of Cruelty and Belonging: In Search of an Ethic for Urban Human-wildlife Relations*.
1:20 Donna Houston*, Macquarie University, *A Multispecies 'Right to the City'? Urban Planning and Extinction*.
1:40 Joshua Russell*, York University, *Community Creatures, Big and Small: Companion Animals and the Co-creation of Urban Space*.
 Discussant(s): Traci Warkentin, Hunter College
- 2467. Travel and Transportation Behavior (Sponsored by Transportation Geography Specialty Group)**
Room: *Liberty 5, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Julie Cidell, University of Illinois
 CHAIR(S): Patrick Gallagher, University of Connecticut
12:40 Patrick Gallagher*, University of Connecticut, *Using Social Paths in Transit Service Area Analysis: Evidence from America's Light Rail Systems*.
1:00 Christopher Upchurch*, University of South Carolina, *The Journey to Transit: Access Distances by Mode in Salt Lake City*.
1:20 Élodie Castex*, University of Lille1; Christophe Gibout, University of Littoral Côte d'Opale, *The territories of*

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Personalized Transport Services in France: uses and perspectives.

1:40 Ade Adebayo*, Lagos State University; Rotimi Aliu, Lagos State University, *Mr. Ade Adebayo.*

2:00 Becky P.Y. Loo, Department of Geography, The University of Hong Kong; Yuhao Wu*, Department of Geography, The University of Hong Kong, *Effects of the Probationary Driving Licence Scheme on Motorcycle Safety in Hong Kong.*

2468. Waste and Surplus

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William Mangold, CUNY Graduate Center

12:40 Yvonne Rollins, BSc(Hons), MA, MES*, The University of Western Ontario, *Materiality, Morality and Municipal Waste Governance.*

1:00 Cameron Weimar, Ph.D.*, Catholic University, *Conceptualizing a Sustainable Local Composting System within Urban Geographies.*

1:20 Andy Hilburn*, University of Kansas, *Mapping public opinion regarding municipal solid waste management in a rural Mexican municipio: The case of Coxcatlán, Puebla.*

1:40 Rachel Russell*, University of Southern California, *Analyzing wastewater services, marginality, and environmental equity in Tijuana, Mexico.*

2:00 William Mangold*, CUNY Graduate Center, *The Question of 'Surplus' in the Built Environment.*

2469. Proposal-Writing Strategies for NSF Doctoral Dissertation Research Improvement (DDR) Awards

Room: New York Ballroom West, Sheraton, Third Floor (Workshop Session)

ORGANIZER(S): Antoinette WinklerPrins, Michigan State University

12:40 Antoinette WinklerPrins, Michigan State University

2470. Race, Space and Struggle I (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Yousuf Al-Bulushi, UNC-Chapel Hill

Department of Geography; Adam Bledsoe

CHAIR(S): Orlando R. Serrano, Jr., University of Southern California

12:40 Alvaro Reyes*, *Huey Newton and Us.*

12:55 Denise Ferreira Da Silva*, Queen Mary-University of London, *Radical Praxis.*

1:10 Jordan T. Camp, Ph.D.*, Lecturer, Department of Sociology, CSU Long Beach, *Blues Geographies and the Struggle for Housing Rights.*

1:25 Yousuf Al-Bulushi*, UNC-Chapel Hill Department of Geography, *Frantz Fanon and his South African Interlocutors.*

1:40 Yasser Munif, PhD*, Scholar in Residence at Emerson College, *French Public Housing: Laboratories for Architects, Cops, and Politicians.*

2471. Political Ecology, Culture, and Waste

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Graham Pickren, University of Georgia

CHAIR(S): Graham Pickren, University of Georgia

12:40 Aman Luthra*, Johns Hopkins University, *Delhi's garbage: Understanding waste through the intersections of capital, science, state, and ideology.*

1:00 Sarah Surak*, Virginia Tech, *Waste regimes and power: Implications for the political?.*

1:20 Sophia Stamatopoulou-Robbins*, Columbia University, *Separation as Dependence: Local Trash, Transboundary Sewage and the Material Afterlife in*

Post-Oslo Palestine.

1:40 Shih-Yang Kao*, UC Berkeley, *The City Recycled: Inner City Demolition Waste and the Construction of Urban Peripheries in Beijing.*

2:00 Jordan Howell*, Michigan State University, *Angel or Devil? Waste-to-Energy and Environmental Protection in the United States.*

2472. Geographies of Voluntarism and Philanthropy: Spaces of Giving III (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Sarah Mills, Loughborough University; Denise Dixon Goerisch, San Diego State University

CHAIR(S): Sarah Mills, Loughborough University

12:40 Irene Hardill*, Northumbria University; Nick Ockenden, Institute of Volunteering Research, *Creating space for voluntary action: understanding unpaid voluntary work in distressed communities in the UK.*

1:00 Susan Halford*, University of Southampton; Pauline Leonard, University of Southampton; Katie Bruce, University of Southampton, *Translocal Geographies of Voluntarism: Place, space and work in the third sector.*

1:20 Matt Baillie Smith*, Northumbria University; Nina Laurie, Newcastle University, *International volunteering and the co-production of citizenships: 'incidental' encounters, subjectivities and development.*

1:40 Denise Dixon Goerisch*, San Diego State University, *The Emotional Spaces of Youth-Centered Research and Volunteerism.*

2:00 Sarah Mills*, University of Leicester, *"Would you mind doing this for me?": Geographies of helping out, pitching in and clearing up.*

2473. SAM Student Paper Competition I (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Fang Qiu, University of Texas - Dallas

CHAIR(S): Fang Qiu, University of Texas - Dallas

12:40 Zhixin Feng*, University of Bristol, *A spatial analysis of economic inequality and self-rated health of the elderly in China.*

1:00 Kangping Si*, Clark University, *A new method for multiple-threshold map comparison and accuracy assessment.*

1:20 Elizabeth Delmelle*, University of North Carolina at Charlotte; Jean-Claude Thill, Ph.D., University of North Carolina at Charlotte, *The Reciprocal Relationships of Neighborhood Quality of Life Dynamics: A Structural Equation Modeling Approach.*

1:40 Ran Wei*, GeoDa Center for Geospatial Analysis and Computation, School of Geographical Sciences and Urban Planning, Arizona State University; Alan T. Murray, GeoDa Center for Geospatial Analysis and Computation, School of Geographical Sciences and Urban Planning, Arizona State University, *Spatial Uncertainty in Forest Management Planning.*

SATURDAY, FEBRUARY 25 • 12:40 PM - 2:20 PM • 2400**2474. Chinese urban spatio-temporal developments in perspective I**
Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Martin Dijst, Utrecht University; Donggen Wang, Hong Kong Baptist University

CHAIR(S): Martin Dijst, Utrecht University

12:40 David Bassens, Ghent University; Ben Derudder, Ghent University; Tom Storme, Ghent University; Peter J Taylor, Northumbria University; Frank Witlox*, Ghent University, *"The tiger is taking a high flight": An urban analysis of Chinese airline networks 2003-2009.***1:00** Jianxi Feng*, PhD student of the Department of human geography and planning in Utrecht University; Martin Dijst, Professor of the Department of human geography and planning in Utrecht University; Jan Prillwitz, Post doctor of the Department of human geography and planning in Utrecht University; Bart Wissink, Assistant Professor of the Department of Public and Social Administration of City University of Hong Kong, *Transition in mobility of urban China: a case study of Nanjing.***1:20** Ying Zhao*, Peking University, Utrecht University; Yanwei Chai, Peking University; Martin Dijst, Utrecht University, *ICTs, Activity-travel Pattern and Household responsibility: An Empirical Study on International Comparisons.***1:40** Yafei Liu*, Utrecht University; Martin Dijst, Utrecht University; Stan Geertman, Utrecht University, *Planning for Social Sustainability: Comparing Western and Chinese Interpretations.***2:00** Julie Ren*, Humboldt University Berlin; Jason Luger*, King's College London Cities Group, *Constructing the 'Chinese City' in the Context of Comparative Urbanism in the 21st Century: A New Paradigm?.***2475. Human-Plant Geographies VIII: Discussing Relations (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group)***Room: Madison Suite 5, Sheraton, Fifth Floor (Panel Session)*

ORGANIZER(S): Catherine Phillips, University of Wollongong; Kathleen Buckingham, Oxford University

CHAIR(S): Jennifer M Atchison, University of Wollongong

Introducer: Lesley Head

Introducer: Maan Barua

Discussant(s): Kathleen Buckingham, Oxford University; Jennifer M Atchison, University of Wollongong; Catherine Phillips, University of Wollongong

2476. Living Colonialism I (Sponsored by Indigenous Peoples Specialty Group)*Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Sarah De Leeuw, University of Northern

British Columbia; Sarah Hunt, Simon Fraser University

CHAIR(S): Sarah Hunt, Simon Fraser University

12:40 Kirsten Greer*, Warwick University, *"The most savagely bird-hostile place in Europe: tracing colonial cultures of nature in Malta".***1:00** Bruce Erickson*, York University, *The postcolonial canoe trip: Embodied heritage and the question of the colonial past.***1:20** Nathan Prier*, York University, *Settler Space and Migrant Justice.***1:40** Shiri Pasternak*, University of Toronto, *How capitalism will save colonialism: Hernando De Soto, the Settler Colony of Canada, and the Privatization of Reserve Lands.***2:00** Ramon Quintero*, *Internal Colonial Subjects in the Labor Markets of Madrid.***2477. Session I: Geographies of Francophone Minorities: The Canadian Context (Sponsored by Cultural Geography Specialty Group)***Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Ronald J. Roy, Queen's University

CHAIR(S): Ronald J. Roy, Queen's University

12:40 Patricia Lamarre, Dr. *, University of Montreal, *Montréal « on the move »: language practices, spaces and stakes in a city redefined.***1:00** Jan Warnke, PhD (c)*, University Laval; Louise Bouchard, PhD, University of Ottawa, *Disparities in Health Access of the French Linguistic Minority Population in Canada.***1:20** Taro Oishi*, Kwansei Gakuin University, *Development of the francophone community in English-dominant Canadian cities: the case of Halifax, Nova Scotia.***1:40** Marie Lefebvre*, University of Ottawa, *La fête et la construction performative de l'Acadie: analyse des performances spatiales dans le cadre du Congrès mondial acadien.***2478. Methods, Tools and Models***Room: Park Suite 2, Sheraton, Fifth Floor (Interactive Short Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Qian Di, Pennsylvania State University

12:40 Fang Zhang*, Ohio State University geography; Aili Liu, Nanjing University of Information Science&Technology, *Analysis on the Relationship between Topographical Factors and Precipitation.***12:45** Liyang Shao*, State University of New York at ESF, *Spatial and Temporal Patterns of Lead Poisoning in Children in Syracuse, NY.***12:50** Yating Chen*, spatial@ucsb; Dehai Zhu, China Agricultural University; Michael Frank Goodchild, University of California, Santa Barbara, *Scale effects on the land of residential areas.***12:55** Elaine Denning*, University of Maryland, Department of Geography, *Analysis of Cloud Cover in MODIS Imagery for the Western United States.***1:00** Colleen Sullivan*, Oregon State University, *Mitigation of potential conflict in the Pacific Ocean between existing stakeholders and renewable energy entrepreneurs: An application of modeling to marine spatial planning.***1:05** Toni Alexander*, Auburn University; Brian Vaughn, Auburn University, *Establishing a Protocol to Use Geospatial Technologies to Understand Human Social Network Development.***1:10** Rachel Headley*, United States Geological Survey, *LandsatLook: A new Landsat product.***1:15** Jiangfan Fu*, Peking University; Canfei He, Peking University, *Does Energy Supply Affect Energy Intensity in China.***1:20** Jeremy Alexander Meagher*, TX State University, *An Exploration of Caesar's Mental Map.***1:25** Paul Wilson*, GE Energy, *Maps, Neo-Geo, and the Smart Grid.***1:30** Qian Di*, Pennsylvania State University, *Research on Geographic Concept Learning based on Wikipedia.*

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2479. China: Environmental Discourses in Transition (Sponsored by China Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Piper Gaubatz, University of Massachusetts
CHAIR(S): Piper Gaubatz, University of Massachusetts

12:40 E. Mark Pires*, Long Island University, *Eco-City Development for Urban Sustainability: An Example from the People's Republic of China*.

1:00 Chris R Coggins, Associate Professor*, Bard College at Simon's Rock, *Fengshuilin: Southern China's Fengshui Forests and the Cosmopolitics of Rural Vitalism*.

1:20 Yan Chen*, The Hong Kong Institute of Education, *Residents' perception and valuation of the Pearl River revitalization in Guangzhou*.

1:40 Piper Gaubatz*, University of Massachusetts, *Impacts of New Environmental Discourses on China's Urban Development*.

2480. Watershed Management in the US

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lisa Seales, University of Florida

12:40 Benjamin Witherell*, Montclair State University; Danlin Yu, Montclair State University; Huan Feng, Montclair State University, *Using simulation models with embedded benefit-cost features to evaluate watershed management strategies*.

1:00 Yuri Kim*, University of North Carolina at Chapel Hill; Lawrence Band, University of North Carolina at Chapel Hill, *Water yield change under the climate and landuse/landcover variability in the North Carolina Piedmont area*.

1:20 Yu Sun*, University of Cincinnati, *A comprehensive analysis of future water availability in the Las Vegas Wash watershed*.

1:40 Yaser M. Najjar*, Framingham State University, *Spatial Dimension of Water Resource Management in Urban Settings*.

2:00 Lisa Seales*, University of Florida, *Collaborative Governance Approaches to Water Management in Oregon*.

2481. Contemporary Issues and Historical Perspectives in Military Geography (Sponsored by Military Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wiley Thompson, United States Military Academy

CHAIR(S): Wiley Thompson, United States Military Academy

12:40 Francis Galgano*, Villanova University; Francis Anthony Galgano, Ph.D, Villanova University, *The Sword of Damocles: Sovereignty and Transboundary Watersheds*.

1:00 Geoffrey Demarest*, University of Kansas, *Conflict Geography*.

1:20 Kurt Schroeder*, Plymouth State University, *Geographic Factors in the Changing Warfare of the Nineteenth Century*.

1:40 Douglas Batson*, U.S. Board on Geographic Names, *Civil War Sesquicentennial: The Geography of the 1862 Kentucky Campaign*.

2:00 Wiley Thompson, PhD*, West Point, *Home Field Advantage: The US Army Experience at the Lava Beds, California, 1873*.

2485. Working Digitally with Historical Maps (2): Enabling access

Room: New York Public Library, South Court Auditorium of the Schwarzman Building (Paper Session)

ORGANIZER(S): Humphrey Southall, University of Portsmouth; Merrick Berman, China Historical GIS, Harvard Univ

CHAIR(S): Humphrey Southall, University of Portsmouth

12:40 Julie Sweetkind-Singer*, Stanford University, *Digital Philanthropy: Increasing Access through Donor Collaboration*.

1:00 Shekhar Krishnan*, MIT Program in Science Technology and Society, *Open Historical Map*.

1:20 Bonnie A. Burns*, Harvard Map Collection, *OpenGeoportal: A Collaborative Geographic Search Tool*.

1:40 Keith A Bridge, NOAA/NOS/Office of Coast Survey; Meredith Westington*, NOAA/NOS/Office of Coast Survey, *The Value of a Bounding Box: Moving Historical Charts beyond the Image Browser*.

2:00 Gregory J Allord, 81051*, U. S. Geological Survey, *USGS Historical Topographic Map Collection: Converting and Integrating lithographic maps into The National Map*.

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Room: Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Clare Brooks, Institute of Education
 CHAIR(S): Michael N. Solem, Association of American Geographers

2:40 Charles Rawding*, Edge Hill University, *Conceptualising place in a dynamic curriculum.*

3:00 Graham Butt, Dr*, University of Birmingham, *Globalisation and the school geography curriculum: what is the 'core knowledge' that students need?.*

3:20 David Lambert*, Prof of Geography Education, Institute of Education, London and Chief Executive of the Geographical Association, *School geography, the GA and responding to policy makers in England.*

3:40 Clare Brooks*, Institute of Education, *Curriculum making in school geography: who decides?.*

Discussant(s): Eleanor Rawling, University of Oxford

2502. Curating as a Geographical Practice

Room: Concourse B, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Lowri M Jones, School of Geography, University of Nottingham; Stephen Daniels, University of Nottingham
 CHAIR(S): Steven Hoelscher, University of Texas
 Panelists: Harriet Hawkins; Karen E. Till, NUI Maynooth; Lowri M Jones, School of Geography, University of Nottingham; Matthew Gandy, University College London; Stephen Daniels, University of Nottingham; Cecilia Aldarondo, University of Minnesota

2503. Lewisian Landscapes II: Axioms for Re-Reading Cultural Geography (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): David Prytherch, Miami University; Richard Schein, University of Kentucky
 CHAIR(S): David Prytherch, Miami University
2:40 Paul Groth*, University of California, Berkeley, *California's Suburban Tract Homes, 1950-2000: From Outward-Looking to Inward-Looking Houses and Yards.*
3:00 Ellen Hostetter*, Randolph College, *Gas Station Landscapes of New Jersey.*
3:20 Harvey K. Flad*, Vassar College, *Preserving Viewscapes and the Role of Nineteenth-century Landscape Artists.*
3:40 Michelle Metro-Roland*, Western Michigan University, *Land Banks & Landscapes: Architectural Preservation & Development in Neighborhood Regeneration.*

2504. Housing & the Global Economic Crisis (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Philip Ashton, University of Illinois-Chicago; Kathe Newman, Rutgers University
 CHAIR(S): Philip Ashton, University of Illinois-Chicago
2:40 Alex Schwartz*, The New School, *Financial Crisis, Recession and Subsidized Housing: A Comparison of the US And UK Experience.*
3:00 Gary A Dymski, PhD*, University of California, Riverside, *Housing Affordability and Finance in a World of Neoliberal Mechanism Designs: The Invisible Shelter Crisis in the Post-Crisis World.*
3:20 Philip Ashton*, University of Illinois-Chicago, *Precarious Housing and the Incapacity of Monetary Policy.*
3:40 Kathe Newman, PhD*, Rutgers University; Ben Teresa, Rutgers University, *The Emergent Millennial Politics of Finance: Housing, Regulation, Informality.*
 Discussant(s): Michael Pryke, open university

2505. Preparations for Rio+20 and beyond (United Nations Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Candida Mannozi, Association of American Geographers
 CHAIR(S): Patricia A. Solis, Association of American Geographers
 Panelists: Carmelle J. Terborgh, Esri; Thomas R. Loveland, United States Geological Survey; Ashbindu Singh, UNEP

2506. The Rise of the BRICS Knowledge Intensive Service Economy I (Sponsored by Economic Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Patrik Ström
 CHAIR(S): Patrik Ström
2:40 Peter Daniels*, University of Birmingham, *Avoiding Hollow BRICs?: The Importance of Knowledge Intensive Services.*
3:00 Andrew Jones*, Birkbeck, University of London; Patrik Ström*, University of Gothenburg, *BRICS and Knowledge-Intensive Business Services: A Pressing Research Agenda.*
3:20 James Faulconbridge*, Lancaster University; Jonathan Beaverstock, University of Nottingham; Sarah Hall, University of Nottingham, *The executive search industry: entering mature and immature markets.*
3:40 Daniel Schiller*, Leibniz University Hannover, Germany; Martijn Burger, Erasmus University Rotterdam, The Netherlands; Bas Karreman, Erasmus University Rotterdam, The Netherlands; Javier Revilla Diez, Leibniz University Hannover, Germany, *The "front shop, back factory" model of spatial division of labor between Hong Kong and the Pearl River Delta in transition: from complementarities in production to competition in producer services?.*
 Discussant(s): Andrew Jones, Birkbeck, University of London

2507. Erotic Cities: Geographies of the Sexual Economy (2) (Sponsored by Sexuality and Space Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Paul J Maginn, University of Western Australia; Christine Steinmetz, University of New South Wales
 CHAIR(S): Petra Doan, Florida State University
2:40 Alan Weinstein*, Cleveland State University, *Responding To The Adult Entertainment Industry's Claims Regarding "Secondary Effects": A Legal, Theoretical And Methodological Critique.*
3:00 John Scott*, University of New England, *Telecommunications Impacts On The Structure And Organization of Male Sex Work.*
3:20 Penny Crofts, University of Technology, Sydney; Barb Brents*, University of Nevada, Las Vegas, *Mainstreaming and legalization: Comparing legal prostitution in New South Wales and Nevada.*
3:40 Jean-François Staszak*, Geneva University (Switzerland), Geography Department, *Planning prostitution in colonial Morocco: Bousbir, the quartier réservé of Casablanca.*
 Discussant(s): Petra Doan, Florida State University

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2508. The controversial place of place in environmental governance II

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Cameron Owens, University of Victoria; Lindsay Galbraith, University of Cambridge

CHAIR(S): Lindsay Galbraith, University of Cambridge

2:40 Travis Tennesen*, University of Wisconsin-Madison, *Who Belongs on Kodiak?: The Contested Management of Introduced Wildlife in Alaska.*

3:00 Kassie Hauser*, University of Tennessee, *A Seat at the Table: Engaging Stakeholders in Climate Change Governance and Management in Alaska's National Parks.*

3:20 Cameron Owens*, University of Victoria, *Models of justice and place in struggles over sustainable development.*

3:40 Lindsay Galbraith*, University of Cambridge, *Tracing the movement of knowledge in offshore energy planning off of the coast of Haida Gwaii, BC.*

Discussant(s): Stephanie Pincetl, University of California

2510. New Geographies of Publics, Spaces and Politics (2) (Sponsored by Urban Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark Davidson, Clark University; David Madden

CHAIR(S): Mark Davidson, Clark University

2:40 Paul T. Kingsbury*, Simon Fraser University, *The Aesthetic Justification of Multicultural Life at the Surrey Fusion Festival, British Columbia.*

3:00 David Madden*, Institute for Public Knowledge, New York University, *The Contentious History of Global Urban Public Space.*

3:20 Nathalie Boucher*, Institut national de la recherche scientifique - Centre Urbanisation Culture Société, *The lives and deaths of Los Angeles' public spaces.*

3:40 Ramon Espinar*, Universidad Autónoma de Madrid; Michael Janoschka, Universidad Autónoma de Madrid, *Geographies of the #spanishrevolution: Conceptualising politics of place within emancipatory struggles and claims for radical democracy.*

Discussant(s): Kurt Iveson

2511. Evolutionary Economic Geography VII - Bridging Theory and Practice (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University College Dublin; Andy Pike, Newcastle University

CHAIR(S): David Rigby, UCLA

2:40 Edward J Malecki*, Ohio State University, *Geographies of Knowledge Production and Innovation.*

2:55 Andy Pike*, CURDS, Newcastle University; Andrew Cumbers, University of Glasgow; Robert Hassink, Kiel University; Danny MacKinnon, University of Glasgow; Robert McMaster, University of Glasgow, *Doing evolution in Economic Geography.*

3:10 Ron Boschma*, Utrecht University; Asier Minondo, Deusto Business School, University of Deusto, San Sebastian; Mikel Navarro, Deusto Business School, University of Deusto, San Sebastian, *The emergence of new industries at the regional level in Spain. A proximity approach based on product-relatedness.*

3:25 Jerker Moodysson*, CIRCLE, Lund University, Sweden; Lars Coenen, CIRCLE, Lund University, Sweden, *Bridging science and traditional industry: regional innovation systems and institutional change for emergent biorefinery technologies.*

3:40 Bjorn Asheim*, Lund University, Sweden, *Specialisation or diversity? What is the 'smart' strategy to grow EU regions?.*

Discussant(s): Michael Storper, London School of Economics

2512. European Initiatives in Sustainable Development: What Limits Transferability to the US? (Sponsored by Urban Geography Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track, Energy and Environment Specialty Group, European Specialty Group)

Room: Gramercy Suite A, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Mary Ann Cunningham, Vassar College; Suresh Muthukrishnan, Earth and Environmental Sciences, Furman University, Greenville, SC 29613

CHAIR(S): Mary Ann Cunningham, Vassar College

Panelists: Yu Zhou, Vassar College; Betsy Beymer-Farris, Furman University; Brannon Andersen, Furman University; Linus Owens; Selima Sultana, University of North Carolina-Greensboro; Elizabeth Rapoport; Samuel Mössner, Dept. of Cultural Geographie

2513. From the Right to the City to the Urban Revolution: Lefebvre Reconsidered (Session 2)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Louis Moreno, University College London; Andy Merrifield

CHAIR(S): Louis Moreno, University College London

2:40 Edward Soja*, UCLA, *Reasserting Lefebvre's Spatial Turn.*

3:00 Andy Merrifield*, *Henri Lefebvre and Planetary Urbanization.*

3:20 Louis Moreno*, University College London, *The city as endogenous growth machine: Lefebvre, Jacobs and the reassertion of space in political economic ideology.*

3:40 Mark Purcell*, University of Washington, *Lefebvre and Democracy.*

Discussant(s): Neil Brenner, Harvard University, Graduate School of Design

2514. Historical Geography of the Environment: National Parks and Protected Areas (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group, Historical Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Terence Young, California State Polytechnic University-Pomona

CHAIR(S): Yolonda Youngs, Oklahoma State University

2:40 Judith L. Meyer, PhD*, Missouri State University, *Hiram Martin Chittenden's Yellowstone Guidebooks and Historical Geography.*

3:00 Yolonda Youngs, Ph.D.*, Oklahoma State University, *Visual Representations of National Parks: The Grand Canyon.*

3:20 William O'Brien*, Florida Atlantic University, *Constructing Nature, Constructing Identity: Whiteness and Southern State Parks from 1915 to 1966.*

3:40 Terence Young*, California State Polytechnic University-Pomona, *"The Cord that Binds the Necklace": The Development and Meaning of the Pacific Crest Trail.*

4:00 Lary M. Dilsaver*, University of South Alabama, *Creating a Threatened Preserve: Joshua Tree National Park.*

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2515. James Anderson Distinguished Lecture in Applied Geography (Sponsored by Applied Geography Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Paper Session)

Land Classification Research: Retrospective and Prospects

Organized by: Lucy Stanfield, US Environmental Protection Agency
Introduction: William A. Dando, Indiana State University
Speaker: **Michael N. DeMers**, New Mexico State University

The James R. Anderson Distinguished Lecture in Applied Geography is the feature session of the Applied Geography Specialty Group (AGSG) at the Annual Meeting of the Association of American Geographers (AAG). The objectives of the lecture series are: to recognize the contribution of Dr. James Anderson to applied geography; to provide a national speaking venue for recipients of the Anderson Medal; and, to serve and promote the field of applied geography as a central and dynamic component of geographic teaching, research and practice in academia, business and government. Anderson Lectures are presented by recipients of the Anderson Medal, which is awarded in recognition of outstanding contributions to the field of applied geography. The Anderson Lecture series was approved in 2001 by the AGSG Board, and was launched in 2002 at the Los Angeles meetings of the AAG. Anderson Lecturers to date are: Jack Dangermond (2002); Brian Berry (2003); Tom Wilbanks (2004); Barry Wellar (2005); T. R. Lakhshmanan (2006); William L. Garrison (2007); Marilyn Brown (2008); Kingsley Haynes (2009), and, Robert B. Honea (2011).

2516. "If Not Now, When? Geography, Energy Studies and the Spatialities of Energy Transition" The Energy and Environment Specialty Group First Annual Plenary Lecture (Sponsored by Energy and Environment Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Matthew Huber, Syracuse University

CHAIR(S): Matthew Huber, Syracuse University

Panelists: Gavin Bridge, University of Manchester

2518. Geographies of Media 4: Cinema (Sponsored by Communication Geography Specialty Group)

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Christopher Lukinbeal, University of Arizona; James Craine, California State University Northridge

CHAIR(S): Joseph Palis, North Carolina State University

2:40 Christopher Lukinbeal, PhD*, University of Arizona, *The Schizophrenia of Scale*.

3:00 Thomas Stieve*, Tufts University, *Landscape of the Unknown: Mobilizing Three Understandings of Landscape to Interpret American and Indian Cinematic Outer Space*.

3:20 George Henderson*, University of Minnesota, *"Do you eat children?" Six steps to a brighter apocalypse!*.

3:40 Jacob Chadwick*, University of Nebraska; Gabriel Pereda, University of Nebraska, *North Omaha's Dreamland: Boundary Crossing Through Film*.

4:00 Altha J Cravey*, University of North Carolina; Joseph Palis, North Carolina State University; Gabriela Valdivia, University of North Carolina, Chapel Hill, *The Hyperreality of Border Crossing and the Commodification of Memory*.

2519. Geographies of Craft and Crafting IV (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Kendra Strauss, University of Glasgow; Nicola J Thomas

CHAIR(S): Nicola J Thomas

2:40 Cigdem Kaya*, Istanbul Technical University; Burcu Yagiz*, Kadir Has University, *Crafts in Museum*

Shops: Crafts as Representation Revisited.

3:00 Hayden Lorimer*, University of Glasgow, *Work on ward - indigenous craft and hospital life*.

3:20 Teresa Almeida*, *Weaving with a twist: the intersection of soft technology with traditional handwork in rural Southeast Asia*.

3:40 Joanna Mann*, University of Bristol, *Enacting Whimsy: Yarn Bombing, Materiality and Affect*.

2520. Political Geography Specialty Group Plenary Lecture (Sponsored by Political Geography Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): John O'Loughlin, University of Colorado;

Philip Steinberg, Florida State University

CHAIR(S): Philip Steinberg, Florida State University

Introducer: Philip Steinberg

2:50 Gerald R. Webster*, University of Wyoming, *Reflections on Current Criteria to Evaluate Redistricting Plans*.

Discussant(s): Nicholas Quinton, The Florida State University; Benjamin Forest, McGill University

2521. Flooding

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michal Jones, University of Florida

2:40 Stephen P. Gasteyer*, Michigan State University, *Floods, Dams, Pivots and Aquifers: Imaginaries and Socio-Technology Histories as Catalysts for Water Management Paradigms*.

3:00 Michael A Antos*, Council for Watershed Health / UCLA Geography; Nathan Wilairat, Energy Market Innovators, Inc., *Integrating stormwater science into groundwater resource management in Los Angeles*.

3:20 Mamadou Y S Coulibaly*, University of Wisconsin Oshkosh; Jennifer Haegle, Southern Illinois University Carbondale; Adam Dorn, City of Fond du Lac Engineering Division; Richard E. Goding, City of Fond du Lac Engineering Division, *Delineating Urban Flood Zones with Amateur Aerial Photography: feasibility and issues*.

3:40 Frank Hopf*, Texas A&M University, *Levee Failures in the Sacramento - San Joaquin River Delta: Establishing a Baseline*.

4:00 Michal Jones*, University of Florida, *Investigation of a Feature Extraction Method for Analyzing River Planform*.

2522. Topics in Physical Geography, Land Use and Remote Sensing

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S): Azalea Judith Ortiz Rodríguez

Nicholas Gonsalves*, University of Georgia Geography, *A Vegetation Reconstruction of Union County, Pennsylvania During the Early Historical Period (1755-1855)*.

Joseph T Zume*, Shippensburg University; Sean R Cornell, Shippensburg University; Christopher J Woltemade, Shippensburg University; Thomas P Feeney, Shippensburg University, *Integrating Near-Surface Geophysics into an Undergraduate Geoenvironmental Curriculum at Shippensburg University of Pennsylvania, a Curriculum Bridge Approach*.

Emily Morris*, Appalachian State University; Rezaul Mahmood, Western Kentucky University, *The Impacts of Urbanization on Precipitation around Three Urban Centers in the Kentucky-Ohio River Valley*.

Lauren Ziemer*, Clark University; Matthew Manley, Clark University; Andrew Shatz, Clark University; Philip Sparks, University of Arizona; Ariel Walcutt, University of Massachusetts, Amherst; Brenna Schwert, MA, Clark University; Max Wright, MA,

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- Clark University; John Rogan, PhD, Clark University, *The Massachusetts Forest Monitoring Program: Creating a Time Series of Land Cover Maps for the State of Massachusetts (1976-2009)*.
- Yili Zhang*, Institute of Geographic Sciences and Natural Resources Research (IGSNRR), CAS; Yong NIE, IGSNRR, CAS, *Land Use Research in China since 1978*.
- John Eads*, University of Tennessee, Department of Geography; Matthew J Valente, University of Tennessee, Department of Geography; Sally P Horn, University of Tennessee, Department of Geography; Thomas A Minckley, University of Wyoming, Department of Botany, *Macroscopic charcoal evidence of fire at the Pleistocene-Holocene transition in Cuatro Ciénegas, Mexico*.
- Ricardo Nogueira*, Western Michigan University; Ricardo C Nogueira, Western Michigan University; Krishna Bondalapati, South Dakota State U, Plant Science; Kathleen M Baker, Western Michigan University, *Crop Disease Risk and Variability in Relation to Global Climate Fluctuations - El Nino Southern Oscillation and Atlantic Multidecadal Oscillation*.
- Bo Jiang*, University of Maryland; Shunlin Liang, University of Maryland, *Attributions and consequences of changes in tropospheric water vapor over northern China*.
- Donald G. Sullivan*, University of Denver; Ian Slayton, University of Denver; Nurgül Karlioglu, University of Istanbul, *"Mad Honey" and the Pollen Content in Caucasian Honeybee Bee Pollen*.
- John Richard Stepp*, University of Florida, *Visualizing Biocultural Diversity*.
- Robbie Munroe, Doctoral Student*, East Carolina University; Tom Crawford, PhD, East Carolina University; Scott Curtis, PhD, East Carolina University, *Geospatial Analysis of ENSO Forced Precipitation Distributions in the Gulf of Mexico*.
- Kathrin Umstaedter*, Physical Geography, KU Eichstaett; Florian Haas, Physical Geography, KU Eichstaett; Michael Becht, Physical Geography, KU Eichstaett, *Sustainable land use in La Palma/Canary Islands in consideration of soil erosion*.
- Katrina McClure*, Univ. of KS; Steve Corbett, MA, ABD, University of Kansas; Kelly Kindscher, PhD, Kansas Biological Survey, University of Kansas, *Native Medicinal Plants of Kansas*.
- Cynthia Miller, Minnesota State University; Donald Friend*, Minnesota State University, *Using ERDAS IMAGINE's® Digital Stereoscope to Revive the Art of Historical Air Photo Stereo Interpretation*.
- Robert F. Stallard*, United States Geological Survey; Charlie G. Hruska, Smithsonian Tropical Research Institute, *Assessment of Landslides in the Lake Atajuela Subbasin of the Panama Canal, Caused by the Storms of December 2010*.
- Kristen Karnes*, University of Arkansas, *Greenhouse gases versus solar activity as driving forces for the increase of storms in Easter North America*.
- Kayla Reeves*, Keene State College; Danielle Almon, Keene State College; Emily Chrusciel, Keene State College; Nicole Plympton, Keene State College; Caitlin Smith, Keene State College, *Designing, Delivering, and Assessing a Vernal Pool Curriculum for Grades 5-7th in New Hampshire*.
- Guillermo Stevens*, Autonomous University of San Luis Potosi, *Spatial Analysis of Hydric Vulnerability In A Middle Mexican City: Case Study of San Luis Potosi*.
- Ashley Schmeltzer*, University of Arizona; Ashley Renee Schmeltzer, University of Arizona, *Understanding Spatial Variations in Urban Canopy Structures, Temperature, and Water Use of Arid Cities: A Remote Sensing Approach of Tucson, Arizona*.
- Segun Ogunjemiyo, B. Tech, MSc, PhD, Department of Geography, California State University, Fresno; Julie Steele, Department of Chemistry, California State University, Fresno; Thomas Shelton, Department of Geography, California State University, Fresno; Ryan Mchenry*, Cal State University Fresno; Brenda Osborne, Department of Geography, California State University, Fresno; Alam Hasson, Department of Chemistry, California State University, Fresno; Shawn Ashkan, Center for Irrigation Technology, California State University, Fresno, *Vertical Ozone and Boundary Layer Profiles at a Dairy Facility in Central California*.
- Philip Sparks, Undergraduate*, School of Geography and Regional Development, The University of Arizona; Stuart Marsh, PhD, School of Geography and Regional Development, The University of Arizona; John Rogan, PhD, Clark Graduate School of Geography, Clark University, *Mapping Tornado Damage in Massachusetts using Multitemporal Landsat Data*.
- Allisyn Hudson Dunn*, Department of Forestry, Virginia Polytechnic Institute, Blacksburg, Va; Kirsten M de Beurs, Dr., Department of Geography, University of Oklahoma, Norman, OK; Stephen P Prisley, Dr., Department of Forestry, Virginia Polytechnic Institute, Blacksburg, Va, *Patterns in the Land Surface Phenology of North American Mountain Systems from 2000 to 2011*.
- Jared Zeringue*, University of New Orleans, *Wildlife Use of a Proposed Urban Greenway in New Orleans*.
- Joseph A DiRenzo, B.S. Biology*, *Purple Invasion: Tracking the spread of Lupinus nootkatensis in eastern Iceland: A case study of Skálanes*.
- Paul Knapp*, University of North Carolina Greensboro; Peter T Soule', Appalachian State University, *Estimating Annual Area Burned in the Northern Rockies (AD 1626-2008) Using Alpine Larch Tree-Ring Data*.
- Timothy M Shields*, The Johns Hopkins Bloomberg School of Public Health; Gregory E E Glass, PhD, The Johns Hopkins Bloomberg School of Public Health; William Moss, MD, PhD, The Johns Hopkins Bloomberg School of Public Health; Thomas Louis, PhD, The Johns Hopkins Bloomberg School of Public Health, *Utilization of High Resolution Imagery in Sampling Strategies of Malaria Studies in Rural Africa*.
- Michael Lewis*, Emporia State University; James Aber, Ph.D., Emporia State University, *Modified Brovey exploration of Azolla and Typha in Cheyenne Bottoms using Landsat 7*.
- Carole L. Neidich-Ryder, M.S.*, Long Island University, C.W. Post Campus; Patrick J Kennelly, Ph.D., Long Island University, C.W. Post Campus, *Mapping Prairie Ecosystems on the Hempstead Plains*.
- Melissa Oguamanam*, University of Maryland, College Park, *Spatial and Temporal Assessment of 2001-2010 Fire Disturbances in Nigeria using MODIS Products*.
- Nicole J Smith*, Michigan State University; Joseph P Messina, Ph.D., Michigan State University; Edward D Walker, Ph.D., Michigan State University, *A Dynamic Model of Local-Scale Malaria Vector Distributions in Western Kenya*.
- Haikuo Yu*, Louisiana State University; Lei Wang, Louisiana State University, *High resolution image segmentation with combined structural and spectral information*.
- Randy Alexson, Ph.D.*, University of Wisconsin, *Academic Service-Learning in a Freshman-Level Online Earth Science Course*.
- Xin Tao*, Department of Geography, University of Maryland, College Park; Shunlin Liang, University of Maryland, College Park, *Integration of satellite products and time*

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series curve of FPAR for input in land models.

Xiaofei Liu*, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University; Zhao Zhang, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, *Will global warming bring optimistic prospect on crop production in northeast China?*.

Siam Lawawirojwong*, Michigan State University; Jiaguo Qi, Michigan State University; Tanita Suepa, Michigan State University, *Self-Organizing Map with Classification Uncertainty*.

Amy V Ferdinand*, Montclair State University; Danlin Yu, PhD, Montclair State University, *Urban Brownfield redevelopment assessment via multiple rating systems, simulation and spatial analysis: case of the sustainable campus*.

Najeda L Patolo, MS*, Texas State University-San Marcos; Donald J. Huebner, PhD, Texas State University-San Marcos, *Identifying Conducive Environments for *Vibrio vulnificus* Growth in Matagorda Bay, Texas*.

Yeonjoo Kim, Dr.*, Korea Environment Institute; Boosik Kang, Prof., Dankook University; Jonathan M. Adams, Prof., Seoul National University, *Recent Precipitation Trends in South and North Korea*.

Azalea Judith Ortiz Rodriguez, LGeo*, Universidad Autónoma de San Luis Potosí; Daniel Cortés Medellín, Universidad Autónoma de San Luis Potosí; Damiano Sarocchi, PhD, Universidad Autónoma de San Luis Potosí, *Spatial distribution and risk analysis related to pyroclastic flows and lahars from the eruptive activity of Volcan de Fuego in Colima: Proposed methodology*.

Yuhong Zhou*, University of Texas at Dallas; Fang Qiu, University of Texas at Dallas, *The use of LiDAR waveforms from ICESat/GLAS for land cover classification*.

2523. Remaking the City

Room: *Sutton Parlor Center, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jamie Gillen, National University of Singapore

2:40 Marcela Mele*, University of Hull, *Regulation of Suburban Space in Albania: a Case Study of Kamza in Tirana City Region*.

3:00 Andrienne Palchick*, Macalester College, *Reworking the Rustbelt: Race and Right-Sizing in an American Post-Industrial Context*.

3:20 Jamie Gillen*, National University of Singapore, *Saigon and the Countryside Ideal: Challenging the Promise of Market Reform in Urban Vietnam*.

2524. Dis/articulations: Commodity circuits and the uneven geographies of capitalism II (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: *Sutton Parlor North, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Marion Werner, University at Buffalo, SUNY; Marc Boeckler

CHAIR(S): Jennifer Bair, Sociology, CU Boulder

2:40 Niall Majury, Dr.*, Queen's University Belfast, *'Mining money': science, legal technologies & working the borderlands of global finance*.

3:00 Christian Berndt*, University of Zurich, *Travelling the borderlands of capitalism: Violence and economic development in Ciudad Juárez, Mexico*.

3:20 Leigh Johnson*, University of Zurich, *Rain, Risk, Relations: Index insurance and the trouble of articulating new circuits of finance for small-scale agriculture*.

3:40 Jessica Dempsey*, University of British Columbia; Rosemary Claire Collard, University of British Columbia, *Disarticulation and devaluation in two bio-*

circuits.

Discussant(s): Vinay Gidwani, University of Minnesota

2525. Economic Affects II

Room: *Sutton Parlor South, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Derek McCormack, University of Oxford; Peter Adey, Keele University

CHAIR(S): Ben Anderson, Durham University

2:40 Lindsay Stephens*, University of Toronto, *The Economic lives of Passionate Workers: Circus Performers and the New Economy*.

3:00 Jacob C Miller*, University of Arizona, *The politics of retail affect and social identity in Buenos Aires, Argentina*.

3:20 D. Asher Ghertner*, London School of Economics, *Conjuring the world-class future: On the performance of poverty projections in India*.

3:40 Georgie Urry*, Bristol University, *Neither Presencing nor Absencing: the dampening yet persistence of sense within the call centre*.

Discussant(s): Shaun French, University of Nottingham

2532. Measuring and Modeling Terrestrial Ecosystem Structure and Dynamics 2

Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Laura Duncanson, University of Maryland; George Hurtt, University of Maryland

CHAIR(S): Laura Duncanson, University of Maryland

2:40 George Hurtt*, University of Maryland, *Modeling the Impacts of Disturbances on Carbon Dynamics Over Large Regions*.

3:00 Lindsay Deel*, West Virginia University; Brenden E McNeil, West Virginia University, *Relationship of a Landsat Cumulative Disturbance Index to canopy nitrogen and forest structure*.

3:20 Katelyn A Dolan*, University of Maryland; George C Hurtt, University of Maryland; Ralph O Dubayah, University of Maryland; Chengquan Huang, University of Maryland; Justin P Fisk, University of New Hampshire; Jeffrey G Masek, NASA Goddard Flight Center, *Utilizing the Vegetation Change Tracker (VCT), Forest Inventories, Lidar and the Ecosystem Demography Model (ED) to Investigate spatial and temporal disturbance and recovery dynamics on regional forest structure and carbon fluxes*.

2533. Roepke Lecture in Economic Geography (International Finance and Economics Special Session Track, Economic Geography Specialty Group)

Room: *Trianon Ballroom, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Yuko Aoyama, Clark University; Julie Cidell, University of Illinois

CHAIR(S): Norma Rantisi, Concordia University

2:40 Dani Rodrik*, John F Kennedy School of Government, Harvard University, *Who Needs the Nation-State?*.

Introducer: Andres Rodriguez-Pose

Discussant(s): John Agnew, University of California - Los Angeles

2535. Fluvial Geomorphology IV (Sponsored by Geomorphology Specialty Group)

Room: *East Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University; Frank Engel, University of Illinois

CHAIR(S): Inci Guneralp, Texas A&M University

2:40 Anthony Filippi*, Texas A&M University; Inci Güneralp, Texas A&M University, *Remote-sensing river flow-boundary extraction using per-pixel- and region-based methods*.

3:00 Haibin Su*, Texas A&M University - Kingsville; Hongxing Liu, University of Cincinnati; Richard Beck, University of Cincinnati, *Derivation of river channel*

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geomorphology and riparian vegetation attributes for stream habitat assessment using airborne LiDAR and aerial photography.

3:20 Derek J. Martin*, University of Tennessee; Robert T. Pavlowsky, Ph.D., Missouri State University, *Spatial Patterns of Channel Instability along an Ozark River, Southwest Missouri.*

3:40 Lisa Davis*, University of Alabama, *Identification of Factors Contributing to Bank Stability in Anthropogenically Disturbed Streams.*

4:00 Kaelin M. Groom*, CU Denver, *Geospatial Analysis of the 1933 Castlewood Dam Breach.*

2536. Migration and Activism 4

Room: Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Nick Gill, Exeter University; Deirdre Conlon, Emerson College

CHAIR(S): Nick Gill, Exeter University

2:40 Federico Oliveri, Dr.*, University of Pisa, *«We're all on the crane». Undocumented migrants' struggles in Italy.*

3:00 Mauro J. Caraccioli*, University of Florida, *Materialities of Resistance: Spaces of Silence and Public Autonomy in the Americas.*

3:20 Júlio da Silveira Moreira*, Universidade Federal de Goiás, *Violence against migrants in Mexican route: Tamaulipas Massacre.*

Discussant(s): Nancy Hiemstra, Syracuse University

2537. Forest dynamics and disturbances 2 (Sponsored by Remote Sensing Specialty Group, Biogeography Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Dominik Kulakowski, Clark University; Christopher Williams, Clark University

CHAIR(S): Christopher Williams, Clark University

2:40 Nathan Mietkiewicz*, Clark University, *Forest Infill, Dominance Shifts, and Treeline Movement over the Past Century in High-Altitude Swiss Alps Ecosystem.*

3:00 Warren B. Cohen*, PNW Research Station, USDA; Dirk Pflugmacher, Oregon State University; Susmita Sen, Oregon State University; Peder Nelson, Oregon State University; Kate Fickas, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Moisen, US Forest Service; Robert Kennedy, Oregon State University, *Metrics of forest disturbance history derived from Landsat time series and their use in predicting forest structure.*

3:20 Jeffrey G. Masek*, NASA GSFC; Samuel Goward, University of Maryland; Warren Cohen, PNW Laboratory, US Forest Service; Chengquan Huang, University of Maryland; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland, *United States Forest Disturbance Evaluated from Satellite and Inventory Methods.*

3:40 Dan Cheng*, Clark University; John Rogan, Clark University; Laura Schneider, The State University of New Jersey, *Development of a MODIS algorithm for land use fires in the Southern Yucatán, Mexico.*

4:00 Rebecca J. Klauk, student*, Edinboro University of Pennsylvania; Karen S. Eisenhart, PhD, Edinboro University of Pennsylvania, *Documenting vegetation differences between two sites at Howard Falls Land Trust in northwestern PA using a nested sampling method.*

2539. GIS-based research and applications in watershed, coastal and marine studies (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Association of American Geographers)

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Jun Zhu, UC Santa Barbara; Helenmary Hotz, University of Massachusetts Boston

CHAIR(S): Jun Zhu, UC Santa Barbara

2:40 Jiunn-Der (Geoffrey) Duh*, Portland State University; Lesley Bross, Portland State University, *Basin Analysis GIS - A spatial decision support system for hydrological modeling.*

2:52 Keith W. Cunningham*, Alaska Satellite Facility, *The Riverine Hydrokinetic GIS.*

3:04 Gary Coutu*, Geography and Planning, West Chester University, *A GIS Analysis of Relationships between Chester County Ponds and Streams.*

3:16 Christopher Brehme*, Keene State College, *Maps of Lobster Traps: a more precise representation of lobster fishing intensity and its role in modeling risk to whales.*

3:28 Mofoluso Ayodele Fagbeja*, Air Quality Management Resource Centre, University of the West of England, Bristol, UK / National Space Research and Development Agency (NASRDA), Nigeria; Jennifer L. Hill, Department of Geography, University of the West of England, Bristol, UK; Tim J. Chatterton, Air Quality Management Resource Centre, University of the West of England, Bristol, UK; James W.S. Longhurst, Air Quality Management Resource Centre, University of the West of England, Bristol, UK; Joseph O. Akinyede, National Space Research and Development Agency (NASRDA), Abuja, *Developing an emission inventory of air pollutants and GHGs from residential sources in the Niger Delta: a methodological approach.*

3:40 Henry N. Bulley, Dr.*, Central Connecticut State University, *Impact of Land Use Changes on Wetlands in Hartford County, Connecticut.*

3:52 Andrew Kaufman*, West Chester University; Daria Nikitina, PhD, West Chester University; Gary Coutu, PhD, West Chester University, *GIS/SLAMM based predictions of sea-level rise impacts on agriculture in southern New Jersey.*

2540. Strategies for Sustaining Geography in Merged, Blended, and Multidisciplinary Departments, Part 1: Geography, Social Sciences and Planning (Sponsored by Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: Hudson Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Kenneth Foote, University of Colorado; W. Crawford Elliott, Georgia State University

CHAIR(S): Kenneth Foote, University of Colorado

Panelists: Linda R. Barrett, University of Akron; Sarah Goggin; Darrel L. McDonald, Stephen F. Austin State University; Rod Neumann, Florida International University; Helen Ruth Aspaas, Virginia Commonwealth University; Kathleen Schroeder, Appalachian State University

2541. Dress(ing) in Public: Dress, Ideology and the Female Body (I) (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Hulya Arik, York University; Hilal Özcetin
CHAIR(S): Banu P. Gokariksels, University of North Carolina, Chapel Hill

2:40 Jason Lim*, Queen Mary, University of London; Alexandra Fanghanel*, University College London, *'Hoodies, Hijabs and Hotpants': Contesting the 'Slut' in Slutwalk.*

3:00 Claire Hancock*, Université Paris-EST-Creteil (UPEC), *"The Republic is lived with an uncovered face (and a skirt)": the French Republic's dress code.*

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- 3:20** Hulya Arik*, York University, *Secular Borders of Military Spaces: Women, Dress and Religious Identities in Turkey.*
- 3:40** Kristin Soraya Batmanghelichi, BA, MA, M.Phil*, Columbia University; Leila Mouri Sardar Abady*, Columbia University, *Ex-sporting the Hejab: Reflections on the Discourse of Compulsory Hejab and Iranian Women's Soccer.*
- 4:00** Caroline Faria*, Florida International University, *Styling the Nation: Beauty Salons and the Politics of Hair in Post-Conflict South Sudan.*
- 2542. New Directions in Political Ecology II: Addressing Food, Agriculture, Well-Being and Rural Livelihoods (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Socialist and Critical Geography Specialty Group)**
- Room:* New York Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Brandon B Derman, University of Washington; Lucy Jarosz, University of Washington
 CHAIR(S): Brandon B Derman, University of Washington
- 2:40** Benjamin Gardner*, University of Washington Bothell, *Tourism and the Politics of the Global Land Grab in Tanzania: Markets, Appropriation and Recognition.*
- 3:00** Joshua Muldavin*, Sarah Lawrence College, *Land from the Tiller: China's role in global processes of land dispossession.*
- 3:20** Allison Schultz, M.A.*, University of Washington, *The Political Ecology of Obesity: Native Americans and the Embodiment of Place.*
- Discussant(s): Jesse Ribot, University of Illinois
- 2544. Children and the Environment 3: Environmental Perception & Experience (Sponsored by Urban Geography Specialty Group, Health and Medical Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)**
- Room:* Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Janet Loebach, University of Western Ontario; Jason Gilliland, University of Western Ontario
 CHAIR(S): Janet Loebach, University of Western Ontario
- 2:40** Doreen Jodhan*, The University of the West Indies; Rowena Butland, University of South Australia, School of Built Environments, *Sources Contributing to Children's Learning and Experience of Nature.*
- 3:00** Emily A Skinner, BSc, MA (candidate)*, University of Manitoba; Jeff R Masuda, PhD, University of Manitoba, *"Going down the wrong road is easier than the right": An arts-aligned research project articulating youth's experiential spatiality of urban injustice, health, and their "Right to the City".*
- 3:20** Anna K Broberg*, Centre for Urban and Regional Studies, Aalto University, *Children's environmental experiences, independent mobility, and physical activity - A comparative study between Finland, Australia and Japan.*
- 3:40** Jason Gilliland, PhD*, University of Western Ontario; Janet Loebach, University of Western Ontario, *Do You Know the Way to School? Comparing Children's and Parent's Perceptions of the Route to School.*
- Discussant(s): Sofia Cele, Uppsala University
- 2545. Japanese Cities in Global Networks IV (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)**
- Room:* Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Cary Karacas, College of Staten Island; Carola Hein
 CHAIR(S): Cary Karacas, College of Staten Island
 Introducer: Cary Karacas
- 2:41** David W. Edgington*, University of British Columbia, *Comprehensive Planning in Metropolitan Japan.*
- 2:56** Languillon Raphaël*, University of Lyon, *The models of urban sustainability and the sustainable urban projects in the Tōkyō Metropolitan Government plans: the turn of the 2000s.*
- 3:11** A. J. Jacobs*, East Carolina University, *Expanding Spatial Income Inequality, but Still not Urban America: The Case of the Tokyo Metropolitan Region, 1980-2007.*
- 3:26** Uta Hohn*, Ruhr-University Bochum; Satomi Kiuchi, Ruhr-University Bochum; Jan Polivka, Technical University of Dortmund; Frank Roost, Technical University of Dortmund, *Steering metropolitan transformational processes, exemplified through the Japanese "Urban Renaissance" policies in the Kansai area.*
- 2546. Qualitative GIS Symposium VII: Practice and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**
- Room:* Conference Room D, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Stephen Burgess, Cardiff University
 CHAIR(S): Stephen Burgess, Cardiff University
- 2:40** Scott Orford, Dr*, WISERD Cardiff University, *Mapping interview transcript records: theoretical, technical and cartographic challenges.*
- 3:00** Paula Decker*, University of Arizona, *Mapping is and ought: Comparing state and public perceptions of Mexican wolves.*
- 3:20** Ayako MATSUMOTO*, Research Fellow of the Japan Society for the Promotion of Science, Ritsumeikan University; Toshikazu Seto, Research Fellow of the Japan Society for the Promotion of Science, Ritsumeikan University; Naomi Akaishi, Ritsumeikan University; Takafusa Iizuka, Ritsumeikan University; Mei-Po Kwan, Ohio State University; Keiji Yano, Ritsumeikan University, *Geo-Narrative analysis into the oral presentation texts about the cultural landscape consist of Kyo-machiya in Japan.*
- 3:40** G. Rebecca Dobbs*, University of North Carolina at Chapel Hill, *Art, Place, and Geospatial Technology: exploring the nexus for the classroom.*
- Discussant(s): Stephen Burgess, Cardiff University
- 2547. Spatiotemporal Thinking and Computing IV --- Application (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)**
- Room:* Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Chaowei Yang, CISC/GMU; Quanying Huang, George Mason University
 CHAIR(S): Weihe Wendy Guan, Harvard University
- 2:40** Xiaoxu Wu, Beijing Normal University; Meng Lv, Beijing Normal University; Bing Xu*, Tsinghua University, *NDVI Variation and Spatial Temporal Distribution of Migratory Birds in the Poyang Lake Wetland.*
- 3:00** Joshua E Stevens*, The Pennsylvania State University; Kirk Goldsberry, Ph.D, Harvard University, *Fixed-interval Segmentation for Travel-time Estimations in Traffic Maps.*
- 3:20** Bohua Ling*, *Urban Real-time Environmental Data Acquisition Using the Mobile Mapping System.*
- 3:40** Alexander S. Nossim*, University of Maine / Norwegian University of Science and Technology; Terje Midtbø, Norwegian University of Science and Technology, *Cartography of indoor maps for real-time use.*
- Discussant(s): May Yuan, Univ of Oklahoma

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- 2548. Geospatial Ontology and Knowledge Management II: Earth science ontology (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Alexandre Sorokine, Oak Ridge National Laboratory; Robert Raskin, Jet Propulsion Lab
 CHAIR(S): Chen-Chieh Feng, Geography, National University of Singapore
2:40 Emily White*, University of Iowa; Kathleen Stewart, PhD, University of Iowa, *An Ontology of Geospatial Barriers*.
3:00 Jeon-Young Kang*, Kyung Hee University; Chulsue Hwang, Kyung Hee University, *A study on the Geo-Ontological Database of coastal information*.
3:20 Mark Parsons*, University of Colorado, Boulder; Ruth Duerr, University of Colorado; Siri Jodha Khalsa, University of Colorado; James McCusker, Rensselaer Polytechnic Institute; Peter Pulsifer, University of Colorado; Peter Fox, Rensselaer Polytechnic Institute; Deborah McGuinness, Rensselaer Polytechnic Institute, *Interoperable Arctic Data. "Egg-codes" as Boundary Objects*.
3:40 E. Lynn Usery*, U.S. Geological Survey; Dalia Varanka, U.S. Geological Survey, *Geomorphic Features on the Semantic Web*.
4:00 Robert Raskin*, Jet Propulsion Lab, *Ontology Standards for Geospatial Relations*.
- 2550. China's New Dynamics of Urbanization, Migration, and Labor Market Reform: I (Sponsored by China Specialty Group, Asian Geography Specialty Group, Urban Geography Specialty Group)**
Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Wei Xu, University of Lethbridge; George C.S. Lin, University of Hong Kong
 CHAIR(S): Cindy Fan, UCLA
2:40 Kam Wing Chan, Professor*, University of Washington; Richard L. Forstall, Independent Scholar, *Delimiting Beijing's Metropolitan Area: Key Issues*.
3:00 Douglas Richard Webster, Professor*, Arizona State University; Jianming Cai, Chinese Academy of Sciences, *China's Shifting Urban System - New Dynamics: What the 2010 Census Tells Us*.
3:20 George C.S. Lin, Prof.*, University of Hong Kong, *Labor Market Reconstruction in China's Economic Transformation: Insights from National Economic Censuses*.
3:40 Wei Xu*, University of Lethbridge, *Winners and losers in migrant labor markets in urban China: a theoretical generalization*.
4:00 Cindy Fan*, UCLA, *Rural-Urban Migration in China Since the 1980s: What Has Changed and What Hasn't?*.
- 2551. Polar Geographies VII: Arctic Futures: Sustainability, Human Development and the Role of Polar Social Sciences**
Room: Conference Room I, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland
 CHAIR(S): Andrey Petrov, University of Northern Iowa
 Panelists: Andrey Petrov, University of Northern Iowa; Timothy Heleniak, University of Maryland; Peter Schweitzer, University of Alaska Fairbanks; Chris Southcott, Lakehead University; Philip Cavin; Lawson W Brigham
- 2552. Not-Quite-Neoliberal? Contesting Neoliberal Natures in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Andrea Marston; Corin De Freitas
 CHAIR(S): Karen Bakker, University of British Columbia
2:40 Andrea Marston*, University of British Columbia, *Assembling Community: Water Governance in Peri-Urban Cochabamba, Bolivia*.
3:00 Corin de Freitas*, University of British Columbia, *Old Chico's New Tricks: Governance in Brazil's São Francisco River Basin*.
3:20 Sonja Pieck*, Bates College, *Struggles over Not-Quite-Neoliberal Natures in Peru: Environmentalist Responses to the Inter-oceanic Highway*.
3:40 Tad Mutersbaugh*, University of Kentucky; Lauren Martin, University of Oulu, Finland, *Protocols, neoliberalism, disassembly*.
4:00 Susan J Spronk*, University of Ottawa, *The Meaning of 'the Market' and the Neoliberalization of Nature: The Commercialization of Urban Water Supply Services in Bolivia*.
- 2553. Theorizing the Geographies of Food: New Directions and Interventions for Alternative Food Praxis (Session 4 of 5) (Sponsored by Rural Geography Specialty Group)**
Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges; Renata Blumberg, University of Minnesota
 CHAIR(S): Allison N Hayes-Conroy, Temple University
2:40 Hilary B Booker, Doctoral Candidate*, Antioch University New England, *Toward a Decolonizing Epistemology in Alternative Food Studies*.
3:00 Jessica Hayes-Conroy*, Hobart & William Smith Colleges, *Agri-Food Geographies and Feminist Postcolonial Theory: From Theory to Practice*.
3:20 Kirsten Valentine Cadieux*, University of Minnesota, *Geographical Approaches to Alternative Food via Frameworks of Practice, Performance, Landscape, Political Economy, and Moral Ecology*.
 Discussant(s): Alison Hope Alkon, University of California, Davis; Renata Blumberg, University of Minnesota; Allison N Hayes-Conroy, Temple University
- 2554. Transnational Professional Communities and Global Networks of Clusters, Cities and Regions (Sponsored by Economic Geography Specialty Group)**
Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Pengfei Li; Harald Bathelt, University of Toronto
 CHAIR(S): Sebastian Henn, University of Toronto
2:40 Peng-Fei Li*, East China Normal University; Harald Bathelt, University of Toronto, *Global Cluster Networks - Foreign Direct Investment Patterns From Canada to China*.
3:00 Wei Yin*, *Geographic Pattern of Skilled Asian Immigrants in U.S.*
3:20 Rachael Gibson*, University of Toronto, *Dynamic Capitalisms: An Empirical Analysis of Cross-national Inter-firm Interaction at International Trade Fairs*.
3:40 Atsushi Taira*, Kagawa University, *Does FDI help local industries in Japan to survive?: A case study of two local industries in Shikoku*.
 Discussant(s): Jonathan V. Beaverstock

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2556. Cryosphere: cold regions studies and R.S. Tarr student paper competition (Sponsored by Remote Sensing Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Robert Hellström, Bridgewater State University

CHAIR(S): Robert Hellström, Bridgewater State University

2:40 Barbara M Hauzenberger*, Purdue University, Dept. of Earth and Atmospheric Sciences; Jon Harbor, PhD, Purdue University, Dept. of Earth and Atmospheric Sciences, *A compilation of recent glacier changes in High Asia.*

2:50 Jase E Bernhardt*, Cornell University, Pennsylvania State University, *An Investigation of East Coast Winter Storm Speed and Impacts During the Past 55 Years.*

3:00 Zhaohui Chi*, Texas A&M University; Andrew G. Klein, Texas A&M University, *Motion Estimation of Lambert Glacier-Amery Ice Shelf System, East Antarctica Using Feature-Tracking and SAR Offset-Tracking.*

3:10 Joni Kincaid*, Texas A&M University; Andrew G Klein, Texas A&M University, *Quantifying Glacial Water Resources in the Cordillera Quimza Cruz, Bolivia.*

3:20 David J. Kulbeth*, Brigham Young University-Idaho; Julie B. Willis, Ph.D., Brigham Young University-Idaho, *Digital analysis of Landsat images and aerial photographs to correlate drainage basin snow pack with the levels and duration of floods along the Snake and Teton Rivers, Idaho.*

3:30 Panshu Zhao*, Texas A&M University, Geography Department; Andrew Klein, Texas A&M University, Geography Department, *Spatial Variation in Snow Albedo in Relationship to Satellite-based Albedo Retrievals.*

2557. Geographies of Conflict and Potential Conflict

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ronaldo da Silva, UFG

2:40 Iddrisu Adam, PhD*, University of Wisconsin - Marshfield, *Ethnicity, Politics, Resources and the Geography of Space: The Case of Changing Politics on Nanung, Ghana.*

3:00 Wayne McKim*, Towson University, Cyprus: *Geographical Implications of a Divided island.*

3:20 Kent Hughes Butts, PhD*, US Army War College, *Strategic Minerals: Is China's a Threat to the US Security?.*

3:40 Michael McIntyre*, DePaul University, *Arche, hegemonia, and the Thucydidean world.*

4:00 Ronaldo da Silva*, UFG, *The Geopolitics of South American Integration: the growing divergences between Brazil and USA and what's next.*

2558. Climate Specialty Group Plenary Speaker James Hansen (Sponsored by Climate Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Mark D Schwartz, University of Wisconsin - Milwaukee

CHAIR(S): Mark D Schwartz, University of Wisconsin - Milwaukee

2559. Hydroclimatology 3 (Sponsored by Climate Specialty Group, Water Resources Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Christopher Labosier, Texas A&M University; Laiyin Zhu, Department of Geography, Texas A&M University

CHAIR(S): Trenton Ford, Illinois State University

2:40 Christopher Labosier*, Texas A&M University, *Analysis of Air Mass Frequencies and Precipitation in Birmingham, Alabama.*

3:00 Courtney Siegert*, University of Delaware; Delphis F. Levia, Ph.D., University of Delaware; Daniel J. Leathers, Ph.D., University of Delaware, *Using Synoptic Climatology to Forecast Forest Subcanopy Hydrologic Flux.*

3:20 Daria Kluver, PhD*, Central Michigan University, *Seasonal Influences on Snowfall in the United States.*

3:40 Hengchun Ye, Ph.D.*, California State University - Los Angeles; Hengchun Ye, California State University, Los Angeles, *Climatic Conditions in Determining Solid Versus Liquid Precipitation over Northern Eurasia.*

4:00 Heike Hartmann*, Slippery Rock University; Lisa M. Andresky, Slippery Rock University; Robert W. Kellar, Slippery Rock University, *Fostering Undergraduate Research: a Study of Precipitation Variability in the Indus River Basin.*

2560. Security, Dissent, and Urban Politics (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Interactive Short Paper Session)

ORGANIZER(S): Bruce D'Arcus, Miami University of Ohio

CHAIR(S): Bruce D'Arcus, Miami University of Ohio; Jason Burke, University of Toronto

Introducer: Bruce D'Arcus

2:43 Bruce D'Arcus*, Miami University of Ohio, *Posse Comitatus.*

2:48 Jason Burke*, University of Toronto, *The politics of urban security planning.*

2:53 David J. Roberts*, University of Toronto, *Securing the World Cup: Fear, resistance and the contested sites of urban knowledge production.*

2:58 Henning Fueller*, University Erlangen-Nuremberg, *Biopolitical contestations in Hong Kong.*

3:03 Christopher Strunk*, University of Minnesota; Helga Leitner, University of Minnesota, *Resisting federal-local immigration enforcement partnerships: Redefining 'Secure Communities' and public safety.*

3:08 Tassilo Herrschel, author*, University of Westminster; Rhys Andrews, co-author, Cardiff University, *'Democratic resilience' and the role of local 'civic milieu'.*

3:13 Emily Kaufman*, Syracuse University, *Whose Right to the Secure City? The Underside of American Homeland Security.*

3:18 Margath Walker*, University of Louisville, *In the Name of Security: Non-profits organizations on the US-Mexico Border.*

3:23 Joanne Hudson*, Manchester Metropolitan University, *'Leftovers as generative spaces for urban life'.*

3:28 Catherine Alexander, Dr*, Kungliga Tekniska Högskolan, Sweden, *Urban security: whose security?: everyday responses to urban fears.*

2561. Health Poverty and Place in Ghana-II (Sponsored by Population Specialty Group, Africa Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): John Weeks, San Diego State University

CHAIR(S): John Weeks, San Diego State University

2:40 Eric Ashcroft*, The George Washington University; Ryan Engstrom, The George Washington University, *Mapping Land Cover Changes in Accra, Ghana Using High Resolution Satellite Imagery.*

3:00 Lasse Möller-Jensen*, Dept. of Geography and Geology, University of Copenhagen, *Methods for Texture-based Classification of Urban Fringe Areas from Medium and High-resolution Satellite Images.*

3:20 Magdalena Benza Fiocco*, San Diego State University, *A Regional Approach to Assessing Urban Growth in a West African Country.*

3:40 Douglas A Stow, Ph.D.*, San Diego State University;

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Christopher D. Lippitt, San Diego State University;
Sory I. Toure, San Diego State University; Lloyd
Coulter, San Diego State University; John R.
Weeks, San Diego State University, *Delineation and
Classification of Urban Neighborhoods of Accra,
Ghana from QuickBird Imagery: Manual vs. Semi-
automated Approaches.*

- 4:00** James Kweku Kweku Eshun, Mr.*, University of Cape
Coast; Kwabena Barima Antwi, Dr., Department of
Geography and Regional Planning, University of Cape
Coast; Emmanuel Abeashi Mensah, Mr., Department
of Geography and Regional Planning, University of
Cape Coast; Benjamin Kofi Nyarko, Dr., Department
of Geography and Regional Planning, University of
Cape Coast; Kingsley Nana Osei, Mr., Department of
Geography and Regional Planning, University of Cape
Coast; Osman Adams, Mr., Department of Geography
and Regional Planning, University of Cape Coast;
Stephen Kankam, Mr., Friends of the Nation - Ghana;
Justice Camillus Mensah, Mr., Department of Natural
Resources Science, University of Rhode Island; Mark
Fenn, Mr., Resources Centre - Ghana, *Disaster Risk
Management and Spatial Planning: An Examination of
The Proposed Spatial Planning Act of Ghana.*

2562. Agent-Based Models and Geographical Systems: GIS and Geocomputation

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Alison Heppenstall; Mike Batty, UCL CASA
CHAIR(S): Alison Heppenstall

- 2:40** Majeed Pooyandeh*, Geocomputing Laboratory,
Department of Geomatics Engineering, University
of Calgary; Danielle J. Marceau, Geocomputing
Laboratory, Department of Geomatics Engineering,
University of Calgary, *A web-based agent based model
to simulate the stakeholders' evaluation of different
scenarios of land-use change in the Elbow River
watershed in southern Alberta.*

- 3:00** Gabriel Wainer*, Carleton University; Mariano Zapatero,
Departamento de Computación. FCEN - Universidad
de Buenos Aires. Argentina, *A Cellular Modeling
Environment for Behavior Analysis in GIS.*

- 3:20** Andrew Crooks*, George Mason University; Mark Coletti,
George Mason University; Sarah Wise, George Mason
University; Keith Sullivan, George Mason University,
*GeoMason: Integrating GIS and Agent-based modeling
- A Gallery of Applications.*

- 3:40** Christopher McCreadie, University of Abertay Dundee,
United Kingdom; David Blackwood, MA, MSc, CEnv,
CWEM, MCIWEM, Urban Water Technology Centre,
University of Abertay Dundee, United Kingdom; Mark
Rounsevell, University of Edinburgh, United Kingdom;
Ruth E Falconer, BSc PGDip MSc PhD MInstP*,
SIMBIOS University of Abertay Dundee, United
Kingdom, *Rural Sustainability Visualisation Tool (RS-
VT): An interactive 3D Agent Based Model using XNA
and Protocol Buffers.*

2563. Intersections of Displacement, II: Immigrant and Refugee Housing and Homelessness Experiences

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Priya Kissoon, University of British Columbia;
Sutama Ghosh, Ryerson University

CHAIR(S): Will Poppe, York University

Introducer: Priya Kissoon

- 2:45** Romola Sanyal*, Newcastle University, *Migration,
Displacement and the Politics of Citizenship.*

- 3:05** Maike Didero*, RWTH Aachen University, *Discourse
and Identity: German-Moroccan perspectives on the
construction of cultural boundaries.*

- 3:25** Liette Gilbert*, York University; Kathy A Kolnick*,

University of Southern California, *Constructing
Immigrants as Public Nuisance.*

- 3:45** Marilyn Silberfein*, Temple University, *Long-Term
Solutions for Liberian Refugees in West Africa.*

2564. Urban Landscapes, Populations, and Planning

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Geoffrey P Edwards, University of Delaware

- 2:40** Antti Vasanen*, University of Turku, Finland, *Functional
polycentricity: Examining metropolitan spatial
structure through the connectivity of urban sub-centers.*

- 3:00** Geoffrey P Edwards*, University of Delaware, *The town is
the correlate of the air route: Relating terrestrial and
aerial dimensions of the city.*

- 3:20** Joseph Di Gianni*, Montclair State University,
Demographic effects on exurban morphology.

- 3:40** Tamar Dolbaia*, Tbilisi state university, *Transit function of
Georgian ports, as a factor of sustainable development
of Georgia.*

2565. Retail and Business Geography 1 (Sponsored by Business Geography Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Tony Hernandez, Ryerson Polytechnic

University; Lawrence Joseph, Arizona State University

CHAIR(S): Tony Hernandez, Ryerson Polytechnic University

Introducer: Tony Hernandez

- 2:40** Lawrence Joseph*, Arizona State University; Michael
Kuby, Arizona State University, *The Location Types of
U.S. Retailers.*

- 2:55** Shuguang Wang*, Ryerson University; Hong Chen,
Ryerson University, *A Spatial Analysis of Discount
Supermarkets in Toronto Metropolitan Area and the
Implications for Potential Food Deserts.*

- 3:10** Brian Ceh, Ph.D.*, Ryerson University; Tony Hernandez,
Ph.D., Ryerson University; Daniel Boyko, MSA,
Ryerson University, *Food Deserts: Hype, Myth, or
Reality: A Case Study of Toronto, Canada.*

- 3:25** Kevin Russell Krivacsy*, University of Tennessee,
*Evaluating Spatial Relationships between Store Sales
and Expected Consumer Expenditures by Retail Sector.*

- 3:40** Sophia Skordili*, Department of Geography, Harokopio
University, *Aldi's withdrawal from Greece: A view from
Economic Geography.*

- 3:55** Bradley MacPherson*, Salisbury University

2566. Healthy Geographies: Travel, Transportation, and Health (Sponsored by Transportation Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Kevin M Mwenda, Dartmouth College

- 2:40** Shannon J. Brines*, University of Michigan; Jana Hirsch,
University of Michigan; Ana Diez Roux, University
of Michigan; Daniel Rodriguez, University of North
Carolina; Kari Moore, University of Michigan,
*Discrete Land Uses and Transportation Walking: the
Multi-Ethnic Study of Atherosclerosis (MESA).*

- 3:00** Maitha A Al Khayyal*, United Arab Emirates University;
Khaula Alkaabi, PhD, United Arab Emirates
University, *Children Mobility to Schools in the United
Arab Emirates.*

- 3:20** Li Li*, Texas A&M University, *Using GPS to Assess
Transportation-Related Physical Activity: A CenTexNet
Study of Overweight/Obese Adults.*

- 3:40** Martha Snyderwine*, MGIS student, Pennsylvania State
University, *Veterans Travel Survey.*

- 4:00** Kevin M Mwenda*, Dartmouth College; Xun Shi, Ph.D.,
Dartmouth College; Tracy L Onega, Ph.D, Dartmouth
Hitchcock Medical Center; Margaret R Karagas, Ph.D,
Dartmouth Hitchcock Medical Center; Jason H Moore,

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Ph.D, Dartmouth Hitchcock Medical Center; Angeline S Andrew, Ph.D, Dartmouth Hitchcock Medical Center, *Modeling Spatial Variation of Bladder Cancer Prognosis and Travel Time to Treatment Facility using Geographically Weighted Regression (GWR)*.

2567. The Role of Transportation in Regional and Urban Economic Development (Sponsored by Transportation Geography Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois
CHAIR(S): Scott A Drzyzga, Shippensburg University

2:40 Martin Harsche, University of Applied Sciences Frankfurt am Main; Thomas Braun*, University of Applied Sciences Frankfurt am Main, *The Influence of Mobility by Air on Spatio-cultural Innovation and Diffusion Processes in Europe*.

3:00 Zhan Guo*, NYU; Asha Weinstein Agrawal, San José State University; Jennifer Dill, Portland State University, *Are Land-use Planning and Congestion Pricing Mutually Supportive? Evidence from a Pilot Mileage Fee Program in Portland, OR*.

3:20 Sutapa Bhattacharjee*, Graduate student, University of Denver, *Evaluating the impact of FasTracks on land-use of Denver Metropolitan Region*.

3:40 Kunimasa Nishigaya, MBA*, Former Professor of Management, Kanazawa Seiryō University, *Key Success Factors in Vietnam High Speed Railway*.

4:00 Scott A Drzyzga*, Shippensburg University; Paul G Marr, Shippensburg University, *Warehousing and truck transportation in the Mid-Atlantic Region since the Great Recession*.

2568. Urban Applications of Remote Sensing

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Feng Ni, University of Texas at Dallas

2:40 Stuart K. McFeeters, Ph.D.*, California State University, Fresno, *An Investigation in the Use of Derivative Spectra in the Classification of Land Cover in an Urban Setting*.

3:00 Bailang Yu*, East China Normal University, *Voxel-based marked neighborhood searching method for identifying street trees using Vehicle-borne Laser Scanning data*.

3:20 Frank M Sims*, Florida State University, *Use of LiDAR ancillary data in Image Object Segmentation and Classification of GeoEye-1 Satellite Imagery*.

3:40 Feng Ni*, University of Texas at Dallas; Fang Qiu, University of Texas at Dallas; Yuhong Zhou, University of Texas at Dallas, *Object-based Urban Feature Extraction from LiDAR-derived Raster*.

2569. Proposal-Writing Strategies for NSF Faculty Early-Career Development (CAREER) Awards

Room: New York Ballroom West, Sheraton, Third Floor (Workshop Session)

ORGANIZER(S): Thomas Baerwald, National Science Foundation

2:40 Thomas Baerwald, National Science Foundation

2570. Race, Space, and Struggle II (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Adam Bledsoe; Orlando R. Serrano, Jr., University of Southern California

CHAIR(S): Yousuf Al-Bulushi, UNC-Chapel Hill Department of Geography

2:40 Adam Bledsoe*, University of North Carolina at Chapel Hill, *Struggles for Representation: Popular Media in Salvador, Brazil*.

3:00 Jake Hodder*, University of Nottingham, *Black Internationalism and the Political Uses of South Asia,*

1917-1947.

3:20 Caitlin Cahill*, City University of New York, *"Still We Rise": Transcultural community building theory and practice*.

3:40 Benjamin D Weber*, Harvard, *Geography for Civic Action in East Los Angeles*.

4:00 Omar Figueredo*, Cornell University, *Real Magical Urbanism: Contemporary Latina/o Literature and Geography*.

2571. Political Ecology, Culture, and Waste Part II

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Graham Pickren, University of Georgia

CHAIR(S): Graham Pickren, University of Georgia

2:40 Richard Grant, University of Miami; Martin Oteng-Ababio*, University of Ghana, *The Urban African Interchange within the International E-Waste Economy*.

3:00 Graham Pickren, PhD Candidate*, University of Georgia, *"The new cost of doing business": Environmental certification in the electronics recycling industry*.

3:20 Creighton P Connolly*, Memorial University of Newfoundland, *Gray Zones in the Global Trade and Traffic of Electronic Waste*.

3:40 Clark Akatiff*, Palo Alto, California, *The Ideology of Waste Management: Old TV's in California. The Reflections of a Geographer, who was also a Landfill Manager*.

Discussant(s): Josh Lepawsky, Memorial University of Newfoundland

2572. Energy Mapping and Modeling

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jeffrey Kodysh, Oak Ridge National

Laboratory; Olufemi A Omitaomu, Oak Ridge National Laboratory

CHAIR(S): Olufemi A Omitaomu, Oak Ridge National Laboratory

2:40 Michail Fragkias*, Arizona State University; Jose Lobo, Arizona State University, *Urban scaling in CO2 emissions for U.S. counties: the importance and interplay of population size, wealth and creative employment*.

3:00 Tracy J McLane*, Bechtel Corporation, GIS Manager; Yongmin Yan, Bechtel Corporation; Robert T. Voss, Bechtel Power Corporation; Daniel J. Hunter, Bechtel Corporation, *Spatial Modeling Methodologies for Solar Energy Site Construction Activities*.

3:20 Xia Huang*, Center for Renewable Carbon, University of Tennessee, Knoxville; Timothy M Young, Center for Renewable Carbon, University of Tennessee, Knoxville; James H Perdue, USDA Forest Service, Southern Research Station; Frank M Guess, Department of Statistics, Operations, and Management Science, *A Hybrid Model Integrating Classification Trees with Local Bayesian Logistic Regression to Assess Site locations for Biorefineries*.

3:40 Tim Edgar*, University of Utah; Philip E. Dennison, University of Utah, *Spatial Analysis of Decadal Trends of Residential Electrical Power Consumption*.

4:00 Jeffrey B. Kodysh*, Oak Ridge National Laboratory; Olufemi A. Omitaomu, Oak Ridge National Laboratory, *Visual-SOLAR: Modeling Solar Energy Potential for Distributed Generation*.

2573. SAM Student Paper Competition II (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Fang Qiu, University of Texas - Dallas

CHAIR(S): Fang Qiu, University of Texas - Dallas

2:40 Xingjian Liu*, Department of Geography, University of Cambridge, *Modeling the Interlocking World City Network with Exponential Random Graph (p*) Models*.

3:00 Shuyan Huo*, Department of Geography, University of Cincinnati, *Measuring the Effects of Risk Factors*

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for Preterm Birth Using Spatial Logistic Regression Models.

3:20 Nicholas Cuba*, Clark University, *Potential impacts of map errors on land change detection.*

3:40 John Sulik, PhD ABD*, Florida State University, *Regional Analysis of Conflict.*

2574. Chinese urban spatio-temporal developments in perspective II

Room: *Madison Suite 4, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Martin Dijst, Utrecht University; Donggen Wang, Hong Kong Baptist University

CHAIR(S): Donggen Wang, Hong Kong Baptist University

2:40 Yan Zhang*, College of Urban and Environmental Sciences, Peking University, Beijing, China; Tana, College of Urban and Environmental Sciences, Peking University, Beijing, China; Yanwei Chai, College of Urban and Environmental Sciences, Peking University, Beijing, China, *Rethinking time-geography in long-term space-time behavior study: integrating with life theory.*

3:00 Li Chen*, Institute of Geographical Sciences and Natural Resource Research, CAS; Wenzhong Zhang, PhD, Institute of Geographic Sciences and Natural Resources Research, CAS; Yizhao Yang, PhD, Department of Planning, Public Policy and Management, University of Oregon, *Comparison Study on Residential Environment of Three Suburbanization Types in Beijing.*

3:20 Martijn JHM Hendriks, BSc*, Utrecht University, *Residential segregation and service accessibility in Guangzhou: the influence of enclosed residential enclaves on the accessibility to services.*

3:40 Jinxi CHEN*, *Solving Conflicts between Urban Space Logics: Gated Public Spaces in Beijing.*

4:00 Guanpeng Dong, Ph.D candidate, University of Bristol, School of Geographical Sciences, Bristol, BS8 1TH, United Kingdom; Wenzhong Zhang, Ph.D & Professor, Institute of Geographic Sciences and Natural Research, Chinese Academy of Sciences; Jianhui Yu, Ph.D*, Institute of Geographic Sciences and Natural Research, Chinese Academy of Sciences, *The correlated decision process of residential mobility and job change and its heterogeneity??a case study of Beijing.*

2575. Human-Environment Interactions in Island Settings I (Sponsored by Qualitative Research Specialty Group, Human Dimensions of Global Change Specialty Group, Landscape Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Amy McCleary, University of North Carolina at Chapel Hill; Joseph Palis, North Carolina State University

CHAIR(S): Amy McCleary, University of North Carolina at Chapel Hill

2:40 Munshi K Rahman*, Kent State University, *Vulnerability of fishing communities in Kutubdia Island, Bangladesh.*

3:00 Ivan Sulc*, Department of Geography, Faculty of Science, University of Zagreb, *Demographic Changes on Small Adriatic Islands: The Case Study of Ilovik, Croatia.*

3:20 Carlos F. Mena, PhD*, Universidad San Francisco de Quito; Diego Quiroga, PhD, Universidad Nacional de Estadísticas y Censos de Ecuador, *Tourism and environmental vulnerability in the Galapagos Islands.*

3:40 Joel Hartter*, University of New Hampshire; Sadie J Ryan, SUNY Environmental Science and Forestry, *The Island Fortress: People, Wildlife, and Park Landscapes in the Albertine Rift.*

4:00 Caroline G Staub*, University of Florida; Peter R Waylen, Professor, UF Geography, *Long term trends in rainfall variability in the Republic of Mauritius.*

2576. Living Colonialism II (Sponsored by Indigenous Peoples Specialty Group)

Room: *Madison Suite 6, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia; Sarah Hunt, Simon Fraser University

CHAIR(S): Sarah De Leeuw, University of Northern British Columbia

2:40 Warren Bernauer*, York University, *Mining, colonialism and violence in contemporary Qamani'tuaq, Nunavut.*

3:00 Naomi Simmonds*, The University of Waikato, *(Re) weaving the stories of indigenous women: colonialism and the politics of birth.*

3:20 Etienne Rivard*, Université Laval, *Durable Colonialism: Sustainable Development and Aboriginal Peoples in Québec, Canada.*

3:40 Sarah Hunt, PhD Student*, Simon Fraser University, *Life On Reserve: legal violence and violent crime.*

4:00 Sarah De Leeuw*, University of Northern British Columbia, *State of Care.*

2577. Session II: Geographies of Francophone Minorities: Immigration & Migration I (Sponsored by Cultural Geography Specialty Group)

Room: *Park Suite 1, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Ronald J. Roy, Queen's University

CHAIR(S): Ronald J. Roy, Queen's University

2:40 Emilie Urbain*, Université de Moncton - Université de Liège, *The Civil War and the racialization of discourses: naming practices and linguistic representations in the Louisiana French newspapers at the end of the nineteenth century.*

3:00 Suzanne Huot, PhD*, University of Western Ontario; Belinda Dodson, PhD, University of Western Ontario; Debbie Laliberte Rudman, PhD, OT Reg (ON), University of Western Ontario; Lilian Magalhaes, PhD, OT Reg (ON), University of Western Ontario, *Negotiating integration within a minority context: Critically exploring the experiences of French-speaking immigrants to Ontario, Canada.*

3:20 Jean-François Parent*, University of Ottawa; Huhua Cao, University of Ottawa, *The Adaptation and Integration of Francophone Acadians of New-Brunswick to the urban environment.*

3:40 Magatte Fall, Dr.*, REDTAC (im)migration CERIUUM UdeM, *L'organisation spatiale de la diaspora sénégalaise au Canada.*

2578. Conservation at the Urban Fringe (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Park Suite 2, Sheraton, Fifth Floor (Interactive Short Paper Session)*

ORGANIZER(S): Jacob C. Brenner, Ithaca College

CHAIR(S): Jacob C. Brenner, Ithaca College

2:40 Tania Lopez-Marrero*, Rutgers University, *Easements for conservation of privately-owned forests along the rural-urban fringe: obstacles and opportunities.*

2:45 Timothy D. Baird*, University of North Carolina - Chapel Hill, *Households near park diversify livelihoods in response to perpetual disturbances in northern Tanzania.*

2:50 Stephanie Lavallato*, Ithaca College; Jacob C. Brenner, Ithaca College, *Prospects for Conservation Easements in an Urban Fringe Area: Evidence from Upstate New York.*

2:55 Ingrid Haeckel*, Hudsonia Ltd.; Gretchen Stevens, Hudsonia Ltd., *Applications of Regional-Scale Habitat Mapping Data for Land Use Planning, Conservation, and Future Research in New York's Hudson Valley.*

3:00 David Havlick*, University of Colorado Colorado Springs; Marion Hourdequin, Colorado College,

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Historical Fidelity and Restoration Goals in Complex Landscapes.

- 3:05** Jennifer Bjerke*, Rutgers University, *Groundwater governance beyond the urban core.*
- 3:10** John Davis*, University of Denver, *Hidden Conservation: Urban Political Ecology of the Black-Tailed Prairie Dog (*Cynomys ludovicianus*) in Denver, Colorado.*
- 3:15** Ian Bidwell*, Ithaca College, *Mapping Open Spaces on a College Campus with Open Source Software and Collaborative Methods.*
- 3:20** Genevieve Munsey*, San Francisco State, *Beneficial use or impairing wilderness?: Oyster farming within public lands and waters.*
- 3:25** Jason VanHorn, PhD*, Calvin College, *Mashing Up the Campus Trees Through Classroom Initiative.*
- 3:30** Maxwell G Lehner*, Ursinus College, *Fragmented Landscapes, Fragmented Visions? Conservation and Development in Exurban Southeastern Pennsylvania.*
- 3:35** Amy Guptill*, Dept. of Sociology, SUNY College at Brockport, *Spatial Patterns of Local Food Marketing: A Review.*
- 3:40** Margot Higgins, M.S. PhD candidate*, UC Berkeley, *From Copper to Conservation: Mining for Nature and Culture in Wrangell Saint Elias National Park and Preserve.*
- 3:45** Jessica J Kelly, PhD*, Millersville University, *Urban Forests in Transition: Urban Environmental Planning, Green Infrastructure and Environmental Justice in Lancaster, Pennsylvania.*
- 3:50** Jennifer H Grant*, Portland State University, *The Geography of Urban Coyotes.*
- 3:55** Madison Vander Hill*, Ithaca College, *Growing Space: A Student-Run Garden and its Role in Campus-Wide Conservation.*

2579. Landscapes, livelihoods, and environmental change in Southwest China (Session I) (Sponsored by China Specialty Group)

- Room:** Park Suite 3, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S):** Jamon Van Den Hoek, University of Wisconsin - Madison; Michelle Stewart, University of Colorado Boulder
- CHAIR(S):** Jamon Van Den Hoek, Univ of Wisconsin, Madison
- 2:40** John Zinda*, University of Wisconsin, Madison, *Taking an Idea and Running with It: How Growth Coalitions Coalesce around Nature Tourism in China.*
- 3:00** Selena Ahmed*, Tufts University, *Variation of Cultural Resilience and Adaptation in Tea Commodity Networks with Increased Market Integration in the Highlands of Yunnan, China.*
- 3:20** Michelle Stewart*, University of Colorado Boulder, *The Veins of Himalayan Gold: Tracing the Relationships Between a Fungal Market, State Development and Local Livelihoods in Tibetan Yunnan, China.*
- 3:40** Jamon Van Den Hoek*, University of Wisconsin - Madison, *Inter-Village Drivers of Forest Cover Change Variability in Tibetan Yunnan, China.*
- 4:00** Elena H Doucet-Beer*, Department of Zoology, UW-Madison; Annemarie Schneider, Assistant Professor, Center for Sustainability and the Global Environment, UW-Madison, *Monitoring landcover change in a rapidly expanding region of Western China in the post-reform period, 1978-2010.*

2580. State of the Art: Social-Ecological Systems Theories, Methods, and Models (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Spatial Analysis and Modeling Specialty Group)

- Room:** Park Suite 4, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S):** Barbara Morehouse; Robin Lewis, Hobart and William Smith Colleges

CHAIR(S): Robin Lewis, Hobart and William Smith Colleges
Introducer: Robin Lewis

- 2:45** James Proctor*, Lewis and Clark College, *The Material and the Ideal in Coupled Natural-Human Systems Research.*
- 3:05** Barbara Morehouse, PhD*, The University of Arizona, *Public Trust, Heritage, and Non-Market Values of Water.*
- 3:25** Jeff Popke*, East Carolina University; Donovan Campbell, University of the West Indies, *To Catch a Crop: Double Exposure and the Geographies of Agricultural Assemblage in Jamaica.*
- 3:45** Amy M. Lerner*, Rutgers University; Hallie Eakin, Arizona State University; Stuart Sweeney, University of California, Santa Barbara; Candida Dewes, University of California, Santa Barbara; Frank Davenport, University of California, Santa Barbara, *Cross-scale implications of maize system change in Mexico.*
- Discussant(s):** William Solecki, Hunter College

2581. Spatial Analysis: Focus on Afghanistan (Sponsored by Military Geography Specialty Group)

- Room:** Park Suite 5, Sheraton, Fifth Floor (Paper Session)
- ORGANIZER(S):** Melissa J. Rura
- CHAIR(S):** Melissa J. Rura
- 2:40** Thomas Moran*, U.S.G.S.; Peter G Chirico, USGS, *Modeling Alluvial Gold Deposits in North Takhar, Afghanistan using historical mining and derivative GIS data.*
- 3:00** Benjamin Little*, University of Akron, *Terrain composition and combat operations in Afghanistan: 2004-2010.*
- 3:20** Anya Katharina Bogdanow*, USGS, *Using Fuzzy Logic to Propose a Favorability Model for a Transportation Connection between Kandahar and Kabul, Afghanistan.*
- 3:40** Alec D Barker*, George Mason University, *Geospatial Analysis of Bombings in Afghanistan and Pakistan, 2002-2009.*
- 4:00** Allyson Thompson*, USGS, *Creating a Comprehensive Population Dataset for Afghanistan Using Dasymetric Mapping.*

2585. Working Digitally with Historical Maps (3): Extracting and defining features

- Room:** New York Public Library, South Court Auditorium of the Schwarzman Building (Paper Session)
- ORGANIZER(S):** Humphrey Southall, University of Portsmouth; Merrick Berman, China Historical GIS, Harvard Univ
- CHAIR(S):** Bonnie Burns, Harvard Map Collection
- 2:40** James Burt*, University of Wisconsin - Madison; Gregory J Allord, United States Geological Survey; Jeremy White, New York Times; University of Wisconsin-Madison, *Efficient Georeferencing of Small-scale Scanned Map Images.*
- 3:00** Richard Marciano*, UNC Chapel Hill, *Connecting People, Past, and Place: exploring semi-automated extraction of text and polygons from common historic sources.*
- 3:20** Andrea Paige White*, Louisiana State University and the University of New Orleans, *Creating an Archaeological Sensitivity Model for New Orleans using Historic Maps and Historical GIS.*
- 3:40** Anne Leonard, MS, MLS*, Library, New York City College of Technology; Robin Michals, MFA, Department of Advertising Design and Graphic Arts, New York City College of Technology; Peter Spellane, PhD, Department of Chemistry, New York City College of Technology, *Using old maps and new methods to discover the early chemical and petroleum industries of Newtown Creek.*
- 4:00** Stuart Macdonald*, EDINA, University of Edinburgh, *AddressingHistory - Crowdsourcing the Past.*

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2601. Adaptation, Planning, and Sustainability in Coastal and Marine Environments (Sponsored by Coastal and Marine Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Thomas Allen, East Carolina University;

Thomas Crawford, East Carolina University

CHAIR(S): Thomas Crawford, East Carolina University

4:40 Ellen M Douglas, PE, PhD*, EEOS, University of Massachusetts Boston; Paul H Kirshen, PhD, Battelle Memorial Institute; Michael Paolisso, PhD, Dept of Anthropology, University of Maryland College Park; Chris Watson, University of Massachusetts Boston; Ashley Enrici, EEOS, University of Massachusetts Boston; Jack Wiggin, Urban Harbors Institute, University of Massachusetts Boston; Matthias Ruth, PhD, CIER, University of Maryland College Park, *Coastal Flooding and Environmental Justice: Evaluating obstacles and incentives for Adapting to Climate Change in two urban communities in the Boston Metropolitan area, Massachusetts.*

5:00 Frank Buonaio*, Hunter College; Chelsea Gross, Hunter College, *The City By The Sea.*

5:20 Ingrid Persson*, Blekinge Institute of Technology, *The Vacation House as a Planning Dilemma.*

5:40 Brittany Davis*, University of Arizona, *The Fish that Bind Fishers and Tourists in Utila, Honduras.*

2602. Film Screening: The Legend of Pancho Barnes (Documentary) (Sponsored by Association of American Geographers)

Room: Concourse B, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): James A. Ketchum, Association of American Geographers

CHAIR(S): James A. Ketchum, Association of American Geographers

Discussant(s): Karen E. Till, NUI Maynooth; Stuart C. Aitken, San Diego State University; Dydia DeLyser, Louisiana State University

2603. Landscape in and beyond the 'Lewisian' Tradition (Sponsored by Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): David Prytherch, Miami University; Richard Schein, University of Kentucky

CHAIR(S): Richard Schein, University of Kentucky

Panelists: Paul Groth, University of California, Berkeley; Joseph Wood, University of Baltimore; David Prytherch, Miami University; Kirsten Valentine Cadieux, University of Minnesota; Richard Schein, University of Kentucky

2604. Geographies of financialization and real estate in global perspective (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Daniel M Sanfelici, University of Sao Paulo; Desiree Fields, CUNY Graduate Center

CHAIR(S): Desiree Fields, CUNY Graduate Center

4:40 Alan Walks*, University of Toronto, *Financialization in Canada: Mortgage Securitization, the State, and Household Debt.*

5:00 Lauren Ross*, Temple University, *Globalization and the Secondary Circuit of Capital: Perspectives on Global Real Estate Markets from Peru.*

5:20 Daniel Sanfelici*, University of Sao Paulo, *Examining the consequences of the growing links between financial and property markets in Brazil.*

5:40 Desiree Fields*, CUNY Graduate Center, *The Socio-Spatial Differentiation of Predatory Equity in New York City.*

6:00 Julian Brash*, Montclair State University, *The Urbanization of Risk: Interest Rate Swaps and Financial Selfhood.*

2605. Science in Support of Sustainable Development and Human Rights in East Africa (Social Justice, Media, and Human Rights Special Session Track, United Nations Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Candida Mannozi, Association of American Geographers

CHAIR(S): Lee R. Schwartz, U.S. Department of State

Panelists: Sivanesen Govender, EIS-AFRICA; Carmelle J. Terborgh, Esri; Shuaib Lwasa; Malanding Jaiteh, CIESIN at Columbia University; Paul Bartel, U.S. Department of State

2606. The Rise of the BRICS Knowledge Intensive Service Economy II (Sponsored by Economic Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Patrik Ström

CHAIR(S): Andrew Jones, Birkbeck, University of London

4:40 Niels Beerepoot*, University of Amsterdam; Bart Lambregts, University of Amsterdam, *Linking value chains in the financial services sector: the case of Mumbai.*

Discussant(s): Karen Lai, National University of Singapore; Jonathan V. Beaverstock; Patrik Ström; Peter Daniels, University of Birmingham

2607. The Production and Politics of Sexual Spaces (Sponsored by Sexuality and Space Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): John Paul Catungal, University of Toronto

CHAIR(S): Damon Scott, Miami University

4:40 Katrin Anacker*, George Mason University; Sarah Nusser, independent consultant, *What Sexuality is this Place? Building a Framework for Evaluating Sexualized Space: The Case of Kansas City, Missouri.*

5:00 Christopher Schroeder*, University of Wisconsin-Milwaukee, *(Un)holy Toledo: Religion, sexuality and neighborhood (trans)formation in Toledo, Ohio.*

5:20 Julia Meszaros, MA*, Florida International University, *Romance Tours in Colombia: How Racialized Fantasies are Realized.*

5:40 Damon Scott, Ph.D.*, Miami University, *Origins of a Queer Urban Crisis: San Francisco's Lower Market-Embarcadero Urban Renewal Project Area.*

2610. New Geographies of Publics, Spaces and Politics (3) (Sponsored by Urban Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark Davidson, Clark University; David Madden

CHAIR(S): Cameron McAuliffe, University of Western Sydney

4:40 Ben Gallan*, University of Wollongong, *Hassle free nights: the tension between night as festivity and order in public space.*

5:00 Karen M Johnston*, Massey University, *The politics of inner-city night-time public spaces.*

5:20 Nathan Marom*, UC Berkeley, *Middle Class Revolt: The Spaces and Politics of the 2011 Housing Protest in Israel.*

5:40 Naomi Adiv*, CUNY Graduate Center; Naomi M Adiv, MS, CUNY Graduate Center, *privatization and access on an Israeli beach: understanding social protest.*

6:00 Kyle Loewen*, *Overcoming Inclusion/Exclusion: The State, Noncitizen and the Production of Space.*

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- 2611. Apocalypse, the radical left and the post-political condition. (Sponsored by Socialist and Critical Geography Specialty Group)**

Room: *Gibson Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): David Correia, University of New Mexico;
 Matthew Huber, Syracuse University
 CHAIR(S): Mazen Labban, Rutgers University
 Discussant(s): Erik Swyngedouw, University of Manchester
 Panelists: Geoff Mann, Simon Fraser University; Kathleen McAfee, San Francisco State University; Jesse Goldstein, City University of New York; James McCarthy, Pennsylvania State University; Rosemary-Claire Collard, University of British Columbia

- 2612. The International Journal of Urban and Regional Research Lecture: "The Cosmopolitan Canopy: Civility Amid the Faultlines of American Race Relations"**

Room: *Gramercy Suite A, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Maria Kaika, University of Manchester
 CHAIR(S): Maria Kaika, University of Manchester
 Introducer: Maria Kaika
 Panelists: Elijah Anderson, Yale University

This session is sponsored by Wiley-Blackwell.

- 2613. Crisis and the Ecological State (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)**

Room: *Gramercy Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Greta Marchesi, University of California Berkeley; Kimberley Kinder, University of Michigan
 CHAIR(S): Kimberley Kinder, University of Michigan
 Introducer: Kimberley Kinder

4:45 Gabriela Valdivia, UNC Chapel Hill; Gabriela Valdivia*, University of North Carolina, Chapel Hill, *Vertical histories and spaces of the petro-nation: Oilfields in Ecuador*.

5:05 Jeffrey Vance Martin, MSc*, University of Manchester (graduate), *"Socialized Bioprospecting" and the Conditions of Production: The Kew Gardens' Millennium Seed Bank Partnership*.

5:25 Jennifer Baka*, Yale, *Biofuels, Wastelands and Territorialization: How India's Biodiesel Policy is Reconfiguring Spatial, Class and Energy Provision Relationships*.

5:45 Greta Marchesi*, University of California- Berkeley, *Popular Education, Conservation, and the Ecological Dialectics of the Mexican Revolution*.

Discussant(s): Gavin Bridge, University of Manchester

- 2614. Historical Geography of the Environment: Urban (Sponsored by Historical Geography Specialty Group)**

Room: *Lincoln Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Geoffrey L. Buckley, Ohio University; Christopher Boone, Arizona State University
 CHAIR(S): Christopher Boone, Arizona State University
4:40 Geoffrey L. Buckley*, Ohio University, *"Why do they keep doing us like this?" Recreation and Environmental Justice in Washington, DC*.
5:00 Jasper Rubin, Ph.D. *, San Francisco State University, *Nature, Planning, and Place: Protecting San Francisco's Urban Environment, 1950-1975*.
5:20 Nate Millington*, University of Kentucky, *Landscapes of Purification and Contestation: Milwaukee's North Avenue Dam*.
5:40 Alexandra Giancarlo*, Louisiana State University, *Resilience and Recovery in New Orleans Lower Ninth Ward*.
6:00 Lisa Benton-Short*, The George Washington University, *In the Shadow of the State: federal control over urban parks in Washington DC*.

- 2615. The Geospatial Job Market (Sponsored by Applied Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**

Room: *Madison Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Joy K. Adams, Association of American Geographers; David DiBiase, Esri
 CHAIR(S): David DiBiase, Esri
 Panelists: David DiBiase, Esri; Richard Serby, GeoSearch, Inc.; Max Baber, US Geospatial Intelligence Foundation; Ashok Wadwani, Applied Field Data Systems, IN; Judy Colby-George

- 2616. Author meets critics: Julie Guthman's "Weighing In: Obesity, Food Justice, and the Limits of Capitalism" (Sponsored by Cultural and Political Ecology Specialty Group, Health and Medical Geography Specialty Group)**

Room: *Morgan Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Becky Mansfield, Ohio State University
 CHAIR(S): Becky Mansfield, Ohio State University
 Panelists: Becky Mansfield, Ohio State University; Susanne Freidberg, Dartmouth College; Aaron Bobrow-Strain, Whitman College; Rachel Colls, Durham University; Eric Carter, Grinnell College; Paul Robbins, University of Arizona; Julie Guthman, Univ of California Santa Cruz

- 2617. Re-Orienting Political Geography: What do China's Reforms and Ascendancy Imply for the Sub-Discipline? 2 Papers and Panel Discussion (Sponsored by Political Geography Specialty Group)**

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Ruben Gonzalez-Vicente, University of Cambridge
 CHAIR(S): Ruben Gonzalez-Vicente, University of Cambridge
4:40 Ruben Gonzalez-Vicente*, University of Cambridge, *Postcolonial Geopolitics: The Hong Kong Basic Law and the post-Westphalian international order*.
4:55 Simon Shen*, Hong Kong Institute of Education, *The role of HK companies in Sino-Latin American relations*.
 Discussant(s): Tom Narins, Student; Marcus Power; John Agnew, University of California - Los Angeles; Padraig Carmody, Trinity College Dublin; Henry Yeung, National University of Singapore

- 2618. Geographies of Media 5: New Media (Sponsored by Communication Geography Specialty Group)**

Room: *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Christopher Lukinbeal, University of Arizona; Jason Dittmer, University College London
 CHAIR(S): Joseph Palis, North Carolina State University
4:40 Matthew Kelley*, University of Washington, Tacoma, *The Emergent Urban Imaginaries of Geosocial Media*.
5:00 Richard J Bater*, Royal Holloway, University of London, *Manufacturing Transparency*.
5:20 Shaun Moores*, University of Sunderland, *We Find Our Way About: Everyday Media Use and 'Inhabitant Knowledge'*.
5:40 Samuel Kinsley*, University of the West of England, Bristol; Jonathan Dovey, University of the West of England, Bristol, *The promise and problematic of pervasive media*.
6:00 Paul C. Adams, Ph.D. *, University of Texas at Austin, *Virtual Spaces of the Word*.

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2619. Geographies of Craft and Crafting V (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Kendra Strauss, University of Glasgow;
Doreen Jakob, University of Exeter / UNC Chapel Hill
CHAIR(S): Kendra Strauss, University of Glasgow
Discussant(s): Kendra Strauss, University of Glasgow
Panelists: Doreen Jakob, University of Exeter / UNC Chapel Hill; Nicola J Thomas; Sarah De Leeuw, University of Northern British Columbia; Hayden Lorimer, University of Glasgow; Richard E Ocejo, John Jay College of Criminal Justice, CUNY

2620. Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Daniel A Griffith, University of Texas - Dallas; Yongwan Chun, The University of Texas at Dallas
CHAIR(S): Daniel A Griffith, University of Texas - Dallas
Introducer: Daniel A Griffith
4:45 Robert Haining*, University of Cambridge, *Space-Time Modelling to Support Local Policing.*

2622. Humans and their Environment: Impacts, Vulnerability and Interactions

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee
CHAIR(S): Curtis Griswold
Andrea Hall, M.S.*, University of South Florida, *Water as a source of (eco)tourism in the karst landscape of Puerto Rico.*
Ariel Walcutt*, UMass Amherst Commonwealth Honors College; Andrew Shatz, Clark University Graduate School of Geography; Lauren Ziemer, Clark University Graduate School of Geography; Matthew Manley, Clark University Graduate School of Geography; Phillip Sparks, University of Arizona; John Rogan, Ph.D., Clark University Graduate School of Geography, *Analyzing Land Cover Change in Massachusetts from 1976-2009: Implications for Forest Conservation and Management.*
Yue Dou, PhD Candidate*, Department of Geography and Environmental Management, University of Waterloo; Erfu Dai, Dr., Institute of Geographic Sciences and Natural Resources Management, *An Assessment of Ecosystem Vulnerability Caused by Land Use Change: A Case Study in the Pearl River Delta Region, China.*
Katherine Lininger*, University of Texas at Austin, *Environmental change caused by mining in the Peruvian Amazon: The Madre de Dios watershed.*
Katherine S Willis*, UCLA, National Park Service; Thomas Gillespie, UCLA; Glen M MacDonald, UCLA; Stacey Ostermann-Kelm, National Park Service, *Monitoring Landscape Dynamics in Southern California's Mediterranean Coast Network.*
Michael E Folkoff, PhD, Salisbury University; Michael S Scott, PhD, GISP*, Salisbury University, *Patterns of Landscape Transformation from Industrial Activity during Post-European Settlement in Wicomico County, Maryland.*
Brian Wize*, Appalachian State University; Christopher A. Badurek, Appalachian State University; Landon Abernethy, Appalachian State University, *GIS Modeling for Siting Wind Power Parks near the New River Gorge Region, West Virginia.*
Tom Shoberg, PhD*, United States Geological Survey; Suzanna Long, PhD*, Missouri University of Science and Technology; Steven Corns, PhD, Missouri University

of Science and Technology; Hector Carlo, PhD, University of Puerto Rico Mayaguez, *Integrating geospatial data from The National Map with Extreme Events Supply Chain Networks to Improve Resiliency Following Large-Scale Urban Disasters.*

Corinna Keeler*, Grinnell College; Jackie Gushue, Boston University; Joe Krahe, Clark University, *Projecting Water Consumption in Suburban Massachusetts.*
Javier Nunez Villalba*, Universidad De Alcala-Espana; Javier Nunez-Villalba, Universidad Mayor de San Andres, *The Vulnerability in Andean Cities: The Case of Quito and La Paz.*
Lisa Keys-Mathews*, University of North Alabama; Robert Nall, University of North Alabama; Francis T Koti, PhD, University of North Alabama, *Combining Biophysical Factors with Social Vulnerability Analysis Toward a Vulnerability of Place Model.*
Anna L Johnson*, University of Maryland, Baltimore County; Christopher M. Swan, University of Maryland, Baltimore County, *A Metacommunity Approach to Urban Plant Community Assembly.*
Stentor Danielson*, Slippery Rock University, *From "local knowledge" to "local ignorance": wildfire management in the New Jersey Pine Barrens.*
Kimberly Medley*, Miami University Ohio; John Maingi, Miami University Ohio, *Local Diversity in Resource Entitlements as a Livelihood Strategy at Mt. Kasigau, Kenya.*
Brian F Coddington*, Stanford University; Rebecca Bird, Stanford University; Douglas W. Bird, Stanford University; Pete Kauhanen, Stanford University, *Effects of Anthropogenic Fire on Desert Ecosystems in Western Australia.*
Karen S. Barton, Ph.D.*, University of Northern Colorado, *Northern Colorado's Millennial Generation: Perceptions and Experiences of Nature, Society and Technology.*
Christopher Brian Tripp*, University of West Georgia; Stephen Michael Edwards; L. Shea Rose, Ph.D., *Researching Urban Heat Island Mitigation Strategies for the EPA's Heat Island Reduction Program.*
Victoria Allen*, WKU Hoffman Institute; Jason S Polk, PhD, WKU Hoffman Institute; Leslie North, PhD, WKU Hoffman Institute; Taylor Hutchison, WKU Hoffman Institute; Chris G Groves, WKU Hoffman Institute, *Sustainability and Community Education using a Web-based Universal Karst Assessment and Repository Tool to Evaluate Human-Environmental Interactions.*
Nicole Motzer*, University of Maryland, *Poverty, Inequality and Rainfall Variability: The Case of Mozambique.*
Brian McDonnell Bates*, Penn State University, *The Honey Bees Next Door: Backyard Beekeepers as a Means to Monitor Pesticides in our Environment.*
Martha D Ziemer*, Clark University; Clara Wool*, University of Massachusetts, Amherst; Maya Lim, University of Chicago; Beth Anne Martin, Arizona State University; Katherine Foo, MLA, MS, Clark University; Deborah Martin, PhD, Clark University; Colin Polsky, PhD, Clark University, *Urban Ecology and Place-Making: A Neighborhood Approach.*
Gregory Stewart Mast*, Texas State University, *Social and Demographic Predictors of Organic Farming.*
Sarah J Pilzer*, Boston University, *Geographic Variation in the Effectiveness of Pro-environmental Behaviors.*
Carolina Prado*, UC Berkeley, *"Tijuana is nobody's dump": The use of Local and Global Framing by a Cross-border Network in a Struggle for Environmental Remediation.*
Cristina I. Ramirez*, University of Puerto Rico- Rio Piedras, *The effects of waste management site in communities in Puerto Rico.*
Andrew Scholl*, Wittenberg University, *Using a Real World Issue*

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in Sustainability for a Course Project.

Marcus Bouterse*, UW- Parkside, *The Highway Trust Fund: Should Weather Conditions be a Variable Included in the Formula?*.

Thomas Schmidlin*, Kent State University, *Human Mortality from Hurricane Irene, United States, August 2011.*

NJOROGE Ikonye Gathongo*, Miami university, *Validating Local Interpretations of Land Cover Changes at Mt. Kasigau, Kenya.*

Mariana del A. Lopez*, UPR Río Piedras, *An ethnographic study of fishermen catching routes in the northeast coastal municipality of Puerto Rico: and its relation with fish species abundance, Pterois volitans (lion fish) species invasion, land use changes and regulation implementation.*

Catherine Garoupa White*, UC Davis; Jonathan London, Ph.D., UC Davis; Lisa Kresge, B.A., California Institute for Rural Studies, *Building a Social Movement for Clean Air in California's Central Valley.*

Christopher G. Downs*, Mississippi State University; Shuvankar Ghosh, Graduate Research Assistant, Department of Geosciences, Mississippi State University; Deepak Mishra, Assistant Professor, Department of Geosciences, Mississippi State University, *Quantifying the Impact of the Gulf of Mexico Oil Spill on the Health and Productivity of Louisiana and Mississippi Salt Marshes.*

Billy J Bonner III*, Jacksonville State University, Jacksonville, Alabama; Larry Joe Morgan, PhD, Jacksonville State University (Alabama), *Gulf of Mexico Oil Spill Research.*

Maria De Lourdes Rodriguez-Gamiño, Dra.*, SUA-FFyL National University of Mexico; Jorge Lopez-Blanco, Dr., UNAM Mexico; Gilberto Vela-Correa, Dr., Departamento el Hombre y su Ambiente UAM Xochimilco, *Spatial Patterns of Land Use/Cover Change (1995-2007) in The Natural Protected Area of Sierra de Guadalupe, Central Mexico.*

Michael Applegarth*, Shippensburg University, *Use of moderate-resolution imagery to evaluate land development in northwest Arizona.*

Roger F. Auch*, United States Geological Survey, *Land Use and Land Cover Change in Three Corn Belt Ecoregions: Similarities and Differences.*

Benjamin Wunder*, SUNY Geneseo, *Mapping potential environmental impacts of hydrofracking on Genesee River Basin, NY.*

Chelsea C Richardson*, Radford University; Chad B Rogers*, Radford University, *Using GIS to Clean Up Campus.*

Curtis Griswold*, Keene State College; Jaclyn Keaveney*, Keene State College; Catie Stack, Keene State College; Alyssa Arcieri*, Keene State College, *What Goes Down, Must Come Out.*

Patrick Lawrence*, University of Toledo, *Climate Change Education Initiatives at the University of Toledo.*

2635. Fluvial Geomorphology V (Sponsored by Geomorphology Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University; James Riley, Eastern Illinois University

CHAIR(S): Frank Engel, University of Illinois

4:40 Eliisa Lotsari*, *Fluvial processes and their future changes in Finland: hydro- and morphodynamic simulation approaches.*

5:00 Chloe Delhomme*, University of South Florida; Kamal Alsharif, Ph.D., University of South Florida, *The Evolution of the Caloosahatchee River Oxbows Morphology and the Development of Restoration Criteria.*

5:20 William Ouimet*, University of Connecticut, *River Terraces and Incision in Southern New England.*

5:40 Phillip H Larson*, Arizona State University; Ronald Dorn, PhD, Arizona State University, *Landform and Drainage Evolution in a Metamorphic Core Complex, Basin and Range, South-Central Arizona.*

2636. Migration, Risk and Security: Changing Practices in the Management of International Mobility I

Room: Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Andrew Burrige, International Boundaries Research Unit; Dr Martin Geiger, IMIS/Institute for Geography

CHAIR(S): Andrew Burrige, International Boundaries Research Unit

4:40 Dr Martin Geiger*, IMIS/Institute for Geography, *International Mobility Management in the 21st Century.*

5:00 Till Kathmann*, *Explaining Exterritorialization of Border Functions: Beyond Effectiveness and Human Rights.*

5:20 Simon Sontowski*, University of Zurich, *"Good borders are well-managed borders" On private companies, new technologies and new rationalities in the management of international mobility.*

5:40 Dorit Happ*, Leibniz Institute for Regional Geography, *Imagined Space in between the European Union and the Russian Federation - Migration Policies in Competition.*

6:00 Hideki Tarumoto*, Hokkaido University, *From Control to Management: A Dilemma Between Benefits and Risks in Migration.*

2637. Remote Sensing of Urban Forest and Ecology (Sponsored by Remote Sensing Specialty Group, Urban Geography Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Ruiliang Pu, University of South Florida

CHAIR(S): Ruiliang Pu, University of South Florida

4:40 Chao Fan*, Arizona State University; Soe Myint, Arizona State University, *Characterizing landscape fragmentation in an urban environment: comparing spatial metrics and texture statistics.*

5:00 Jindong Wu*, California State University, *Effects of Spatial Resolution on Urban Environmental Quality Assessment with Remote Sensing Imagery.*

5:20 Ruiliang Pu, Dr.*, University of South Florida; Shawn Landry, University of South Florida, *A Comparative Analysis of High Resolution IKONOS and WorldView-2 Imagery for Mapping Urban Tree Species.*

5:40 Caitlin Lippitt*, San Diego State University, *Mapping nonnative herbaceous cover in shrubland habitats: a spectral-temporal mixture analysis approach.*

2639. International Perspectives on Teaching and Learning with GIS in Secondary Education (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)

Room: Holland Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Joseph J. Kerski, Esri

CHAIR(S): Joseph J. Kerski, Esri

Panelists: Joseph J. Kerski, Esri; Niem Huynh, Association of American Geographers; Thomas Jekel, Austrian Academy of Sciences - GIScience; Torben Pallesen Jensen, Langkaer Gymnasium; Osvaldo A Muniz, Texas State University, San Marcos; Jan Ketil Rød, NTNU; Maria Attard, University of Malta; Andrew Milson, University of Texas-Arlington; Mary Fargher

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2641. Dress(ing) in Public: Dress, Ideology and the Female Body (II) (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Hulya Arik, York University; Hilal Ozcetin
CHAIR(S): Hulya Arik, York University
4:40 Choonib Lee*, Stony Brook University, *Fashioning Political Subjectivity: African American Women in the Black Panther Party in the Late 1960s and 1970s*.
5:00 Hilal Ozcetin*, Simon Fraser University, *"Decent" Bodies: Women and Dress in Turkey*.
5:20 Monica Di Barbora*, Archivio fotografico "G. Saracchi", *The bride's veil: dream, fashion, representation and control*.
5:40 Liza Petiteau*, UQÀM, *Deterritorialization Practices from Cross-Dressing Women Artists*.
Discussant(s): Banu P. Gokariksel, University of North Carolina, Chapel Hill

2642. Environmental Sustainability and Behavior (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track, Environmental Perception and Behavioral Geography Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Christopher Badurek, Appalachian State University
CHAIR(S): Christopher Badurek, Appalachian State University
4:40 Jesse Abrams, Ph.D.*, Whitman College; Hannah Gosnell, Ph.D., Oregon State University; John C. Bliss, Ph.D., Oregon State University, *The Politics of Marginality in Wallowa County, Oregon, USA: Rural Land Use Governance and the Problem of Defining "Rural" Interests*.
5:00 Luke W Fairbanks*, Duke University, *"We do not have to change to survive": Discourses of change in a rural North Carolina fishing community*.
5:20 Christopher A. Badurek*, Appalachian State University, *GIS Modeling of Building Density to Monitor Rural Sprawl and Promote Sustainable Land Use Planning*.
5:40 Amy Freitag*, Duke University, *What is Water Quality: An ethnography of a politicized term*.
6:00 Tingting Zhao*, Florida State University, *Financial Incentives and Home Energy Efficiency*.

2644. Children and the Environment 4 - Environmental Barriers and Facilitators (Sponsored by Urban Geography Specialty Group, Health and Medical Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Conference Room B, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Janet Loebach, University of Western Ontario; Jason Gilliland, University of Western Ontario
CHAIR(S): Jason Gilliland, University of Western Ontario
4:40 Janet Loebach*, University of Western Ontario, *Examining the environmental characteristics of children's neighborhood domains with qualitative GPS*.
5:00 Adina Cox*, NCSU, *Exploring Children's Use of Pathways in Green Environments with GIS*.
5:20 Danielle Van Der Burgt*, Department of social and economic geography, Uppsala University, *Unequal places - unequal time space puzzles?*.
5:40 Candace I.J. NYKIFORUK, PhD*, University of Alberta; Helen Vallianatos, PhD, Dept of Anthropology, University of Alberta; Laura M. Nieuwendyk, MSc, Centre for Health Promotion Studies, University of Alberta, *Understanding Seasonal Facilitators and Barriers to Unstructured Free Play amongst Children, Youth and Families in a Small Rural-Urban Community*.
6:00 Daniel Rainham, PhD*, Dalhousie University; Sara Kirk, PhD, Dalhousie University; Christopher Blanchard,

PhD, Dalhousie University; Trevor Dummer, PhD, Dalhousie University; Chris Shields, PhD, Acadia University; Chris Bates, MSc, Health Geomatics Laboratory; Renee Lyons, PhD, University of Toronto, *Navigating Nutrition in the Neighbourhood: Associations Between the Built Environment of Youth and Nutrition Behaviours*.

2645. Japanese Cities in Global Networks V (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Cary Karacas, College of Staten Island; Paul Waley, University of Leeds
CHAIR(S): Paul Waley, University of Leeds
Introducer: Paul Waley
4:41 Toru Yamada*, Cornell University, *(Dis)Locating GIS in Japan's Regional Public Administration*.
5:01 Leonard J. Schoppa*, Dept of Politics, *Residential Mobility and Local Civic Engagement in Japan and the United States*.
5:21 David Rands, PhD*, Frostburg State University, *Function-based spatiality and its correlation to Korean migration to Japan*.
5:41 Evelyn Schulz*, Japan Center, Ludwig Maximilians University (LMU) Munich, Germany, *Reappraising Tokyo's back alleys and waterways: Aspects of the current discourse on the slow city in Japan*.
6:01 Sophie BUHNIK, PhD student*, UMR Géographie-cités, Department of Geography, Panthéon-Sorbonne University, *'Shrinking cities' and 'food deserts' in Japan. Assessing the impacts of urban decline on access to urban resources in the Osaka Metropolitan Area*.

2646. Qualitative GIS Symposium VII: Closing roundtable: Future directions (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): Marianna Pavlovskaya, Hunter College
CHAIR(S): Marianna Pavlovskaya, Hunter College
Discussant(s): Matthew W. Wilson, University of Kentucky; Mei-Po Kwan, Ohio State University; Jeremy Crampton, University of Kentucky; Marianna Pavlovskaya, Hunter College
Panelists: Stephen Burgess, Cardiff University; LaDona Knigge, California State University, Chico

2647. Spatiotemporal Thinking and Computing V - Transportation Applications (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Transportation Geography Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Chaowei Yang, CISC/GMU; Weihe Wendy Guan, Harvard University
CHAIR(S): Kirk Goldsberry, Michigan State University
4:40 Shan Jiang*, MIT; Joseph Ferreira, MIT; Marta González, MIT, *Linking Human Activity Patterns and Life-Styles with Land Use in the City*.
5:00 Jiaqiu Wang*, Department of Civil, Environmental and Geomatic Engineering, University College London, UK; Tao Cheng, Department of Civil, Environmental and Geomatic Engineering, University College London, UK, *A Local Measure of Spatial-Temporal Autocorrelation in Traffic Road Network*.
5:20 Benjamin T Meader*, Middlebury College Geography Dept., *Using Time-Lapse Videography to Identify Traffic and Parking Activity Patterns*.

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- 5:40** Tuuli Toivonen*, University of Helsinki, dept. of geosciences and geography; Maria Salonen, University of Helsinki, dept. of geosciences and geography; Matti Lattu, University of Helsinki, IT services, *Boats on the mighty Amazon - Could real-time location information promote the reliability of fluvial transportation in the Peruvian Amazonia?*.
- 2648. Geospatial Ontology and Knowledge Management III: Metadata and Standards (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Alexandre Sorokine, Oak Ridge National Laboratory; Chen-Chieh Feng, Geography, National University of Singapore
 CHAIR(S): Robert Raskin, Jet Propulsion Lab
4:40 Jason A. Tullis, Ph.D.*, University of Arkansas; Jackson D. Cothren, Ph.D., University of Arkansas, *Crossroads in GIS Provenance and Metadata Query*.
5:00 Yongmin Yan*, Bechtel Corporation; Tracy McLane, Bechtel Corporation, *The Role of Feature Level Metadata Management in Revision History Tracking for Spatial Data and GIS Map Figures*.
5:20 Alexandre Sorokine*, Oak Ridge National Laboratory; Laurie Barnwell, University of the Virgin Islands, *Enriching Metadata with Ontologies: a Case Study for GNIS*.
5:40 Karl Grossner*, Stanford University, *Towards an Emergent Spatial History Ontology*.
6:00 Chen-Chieh Feng*, Geography, National University of Singapore; Alexandre Sorokine, Oak Ridge National Lab, *Ontological Analysis of Spatial Data Standards*.
- 2650. China's New Dynamics of Urbanization, Migration, and Labor Market Reform: II (Sponsored by China Specialty Group, Asian Geography Specialty Group, Urban Geography Specialty Group)**
Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Wei Xu, University of Lethbridge; George C.S. Lin, University of Hong Kong
 CHAIR(S): Wei Xu, University of Lethbridge
4:40 Xiaoxia XU*, The university of Hong Kong; Roger, C.K. Chan, The university of Hong Kong, *Urban governance in new industrial area of China- A case study of Tianjin Binhai New Area*.
5:00 Siyang Xu*, The University of Hong Kong; Roger, C. K. Chan, The University of Hong Kong, *Mixed-use Community in China: from the Legacy of Danwei Compound to the Modern Sense*.
5:20 Yuhong Niu*, Peking University; Xiaoli Dong, Peking University; Xiaoyan Mu, Peking University; Han Wang, Renmin University of China, *Does Urban Sprawl Matter to Public Expenditure? Evidence from China*.
5:40 Hong Hu*, Faculty of Geosciences, Utrecht University, The Netherlands; Stan Geertman, Faculty of Geosciences, Utrecht University, The Netherlands; Pieter Hooimeijer, Faculty of Geosciences, Utrecht University, The Netherlands, *Green Apartment Building in Nanjing China: Concurrences and Differences in Viewpoint of Residents, Planners and Developers*.
6:00 Roger C K Chan*, The University of Hong Kong, *Globalizing Hong Kong under "One Country, Two Systems"*.
- 2651. Geographies of sexualities - after the 'cultural turn' (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Natalie Oswin, McGill University
 CHAIR(S): Natalie Oswin, McGill University
 Panelists: Michael Brown, University of Washington; Phil Hubbard, University of Kent; Mary Thomas, Ohio State University; Debanuj DasGupta, The Ohio State University; Melissa W Wright, Penn State University; Deborah Cowen, University of Toronto
- 2652. Not-Quite-Neoliberal? Contesting Neoliberal Natures in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Andrea Marston; Corin De Freitas
 CHAIR(S): Karen Bakker, University of British Columbia
 Discussant(s): Karen Bakker, University of British Columbia
 Panelists: Peter Wilshusen, Bucknell University; Susan J Spronk, University of Ottawa; Karl Zimmerer, Pennsylvania State University; Jose Esteban Castro, School of Geography, Politics and Sociology
- 2653. Theorizing the Geographies of Food: Author Meets Critics Panel on Cultivating Food Justice (Session 5 of 5) (Sponsored by Rural Geography Specialty Group)**
Room: Conference Room K, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges; Allison N Hayes-Conroy, Temple University
 CHAIR(S): Jessica Hayes-Conroy, Hobart & William Smith Colleges
 Discussant(s): Julian Agyeman, Tufts University; Alison Hope Alkon, University of California, Davis
 Panelists: Lucy Jarosz, University of Washington; Ryan E. Galt, University of California, Davis; Carolyn Finney, University of California Berkeley; Julie Sze, UC Davis
- 2654. Quaternary Environmental Change: Student Oral Presentations (Sponsored by Paleoenvironmental Change Specialty Group)**
Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Philip Van Beynen, University of South Florida
 CHAIR(S): Philip Van Beynen, University of South Florida
4:40 Scott A Reinemann*, The Ohio State University; David F Porinchu, PhD, University of Georgia; Bryan G Mark, PhD, The Ohio State University; Mae S Gustin, PhD, University of Nevada-Reno, *A Multi-Proxy Paleolimnology Investigation of Anthropogenic Influence and Ecological Response in Sub-Alpine and Alpine Ecosystems in the Great Basin, United States*.
5:00 Jeffrey Crawford*, University of Nevada, Reno; Scott Mensing, Dr., University of Nevada, Reno; Frank K Lake, Dr., USFS-Pacific Southwest Research Station; Susan Zimmerman, Dr., CAMS-Lawrence Livermore National Lab; Carl Skinner, USFS-Pacific Southwest Research Station, *Evidence for Native American land-use impacts on forest structure and fire regimes in the Lower Klamath River Region of California*.
- 2656. Business Geography - Student Paper Session (Sponsored by Business Geography Specialty Group)**
Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)
 ORGANIZER(S): Linda A. Peters, Esri
 CHAIR(S): Linda A. Peters, Esri
 Introducer: Linda A. Peters
4:50 Leslie Sanchez*, Texas State University; Leslie Nicole Sanchez, Texas State University, *Central Markets in Texas: Location Analysis and Tracking Strategies and*

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- 5:00** Christopher R Tijerina*, Texas State University; Christopher R Tijerina, Texas State University, *Santiko's Theaters in San Antonio, Texas: Location Analysis and Tracking Strategies and Methods.*
- 5:10** David Valle*, Texas State University; David R Valle, Texas State University, *Chick-Fil-A in Austin, Texas: Location Analysis and Tracking Strategies and Methods.*
- 5:20** Tom Gleason*, Texas State Geography; Tom Gleason, Texas State University, *McCoy's Building Supplies: Location Analysis and Tracking Strategies and Methods in Central Texas.*
- 5:30** Chien-Chou Chen*, UT Dallas, *Calibration and Delineation of Sales Weighted Retail Areas.*
- 5:40** George Yasuhara Oliver*, Arizona State University, *Carsharing Factors of Success: Leveraging Retail Location Models to Enable Vehicle-Level Analysis.*
- 5:50** Zhuojie Huang*, Department of Geography, University of Florida; Anirrudha Das, Emerging Pathogens Institute, University of Florida; Andrew Tatem, Department of Geography and Emerging Pathogens Institute, University of Florida; Youliang Qiu, Department of Geography and Emerging Pathogens Institute, University of Florida, *Integrating spatial knowledge into a business organization: setup and control of data flow.*
- 6:00** Xiaoqi Wang*, *Talent mobility, boundary-crossing learning, and interaction of China's venture capital industry.*

2657. The IGU International Year of Global Understanding Initiative

Room: *Central Park West, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Ronald F Abler, International Geographical Union
 CHAIR(S): Ronald F Abler, International Geographical Union
 Introducer: Ronald F Abler
 Panelists: Ronald F Abler, International Geographical Union

2658. Climate Specialty Group John Russell Mather Paper of the Year Presentation (Sponsored by Climate Specialty Group)

Room: *Empire Ballroom East, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Mark D Schwartz, University of Wisconsin - Milwaukee
 CHAIR(S): Mark D Schwartz, University of Wisconsin - Milwaukee

2659. Indigenous Peoples Specialty Group Plenary Session Featuring Oren Lyons (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Human Dimensions of Global Change Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: *Empire Ballroom West, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Julianne A Hazlewood, UNESCO
 CHAIR(S): Julianne A Hazlewood, UNESCO
 Panelists: Oren Lyons, Onondaga Nation Communications

2660. James Blaut Memorial Award and Lecture (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Lenox Ballroom, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Jamey Essex, University of Windsor
 CHAIR(S): Jamey Essex, University of Windsor
 Introducer: Jamey Essex
 Panelists: Phil O'Keefe, Northumbria University

2661. Health Poverty and Place in Ghana-III (Sponsored by Population Specialty Group, Africa Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): John Weeks, San Diego State University
 CHAIR(S): John Weeks, San Diego State University
4:40 Justin Stoler, MS MPH*, San Diego State University; John R. Weeks, PhD, San Diego State University; Günther Fink, PhD, Harvard School of Public Health; Allan G. Hill, PhD, Harvard School of Public Health, *Sachet Drinking Water in Ghana's Accra-Tema Metropolitan Area: Past, Present, and Future.*

5:00 Godwin Arku, University of Western Ontario; Isaac Luginaah, University of Western Ontario; Paul Mkandawire, University of Western Ontario; Philip Baiden*, The University of Western Ontario; Alex B Asiedu, University of Ghana, *Does Housing Demand and Control Predict Self Reported General and Mental Health? Evidence from Accra, Ghana.*

5:20 Godwin Arku*, The University of Western Ontario; Isaac Luginaah, The University of Western Ontario; Philip Baiden, The University of Western Ontario; Vincent , Kuuire, The University of Western Ontario, *The Psychosocial Stress of Renting a Home in Accra, Ghana.*

5:40 Alex Zvoleff, MA*, Department of Geography, San Diego State University; Li An, Ph.D., Department of Geography, San Diego State University; Justin Stoler, MS MPH, Department of Geography, San Diego State University; John R Weeks, Ph.D., Department of Geography, San Diego State University, *What if neighbors' neighborhoods differ? The influence of neighborhood definition on health outcomes in Accra.*

6:00 John R Weeks, Ph.D.*, San Diego State University; Justin Stoler, MS, MPH, San Diego State University; Allan G Hill, Ph.D., Harvard School of Public Health, *Fertility in Context.*

2662. Agent-Based Models and Geographical Systems: Land Use Change

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Mark Birkin, University of Leeds; Mike Batty, UCL CASA
 CHAIR(S): Mike Batty, UCL CASA
4:40 Shipeng Sun*, University of Waterloo; Dawn C Parker, University of Waterloo; Dan G Brown, University of Michigan; Qingxu Huang, University of Waterloo; Tatiana Filatova, University of Twente; Derek R Robinson, University of Edinburgh; Meghan Hutchins, University of Michigan; Rick Riolo, University of Michigan, *Explicitly Representing Heterogeneous Land Developers in Agent-based Modeling of Land Use Change: A Preliminary Experiment.*

5:00 Peter Deadman*, University of Waterloo; Raymond Cabrera, University of Waterloo, *Comparison of Decision-Making Methods in an Agent-based Model of Land Use Change.*

5:20 Nicholas R. Magliocca*, University of Maryland, Baltimore County; Erle C. Ellis, Dr., University of Maryland, Baltimore County; Daniel G. Brown, Dr., University of Michigan, *Using an agent-based virtual laboratory to explore smallholder land-use decisions and implications for 'induced intensification' theory.*

5:40 Fang Wang*, Department of Geomatics Engineering, University of Calgary; Danielle J. Marceau, Department of Geomatics Engineering, University of Calgary, *A Combined-Patch-Based Cellular Automata Model for Simulating Land-Use Changes Using High-Spatial Resolution Data.*

6:00 Patrick Harrison*, University of Virginia; Seth E. Spielman*, University of Colorado, *The Co-Evolution of the Built and Social Environment.*

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2663. Lowland Rivers (Sponsored by Geomorphology Specialty Group)

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Edgardo Latrubesse, University of Texas at Austin; Jorge Abad, Univ. of Pittsburgh

CHAIR(S): Jorge Abad, Univ. of Pittsburgh

4:40 Christine Bonthius*, University of Texas at Austin, *Scales of response to dam construction: a perspective on two South American rivers.*

5:00 Jorge D Abad*, Dept. of Civil and Environmental Engineering, University of Pittsburgh; Bruno Peralta, Amazon Hydrography and Navigation Service of the Peruvian Navy; Jorge Paredes, Amazon Hydrography and Navigation Service of the Peruvian Navy; Christian Frias, Dept. of Civil and Environmental Engineering, University of Pittsburgh; Ronald Gutierrez, Dept. of Civil and Environmental Engineering, University of Pittsburgh; Hugo Montoro, Amazon Hydrography and Navigation Service of the Peruvian Navy, *Cyclic adaptation of a large meandering channel, from cutoff to planform migration.*

5:20 Edgardo Latrubesse*, University of Texas at Austin; Maria S Pereira, Universidad Nacional del Litoral-Conicet; Carlos G Ramonell, Universidad Nacional del Litoral; Ricardo N Szupiany, Universidad Nacional del Litoral, *Morphodynamics of an anabranching mega-river: the Paraná River, Argentina.*

2664. RCEEE Sponsored Session: Cartographies of Urban Memory and Meaning (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Nathaniel Trumbull, University of Connecticut; Megan Dixon, College of Idaho

CHAIR(S): Nathaniel Trumbull, University of Connecticut

4:40 Laura K Berger*, Aalto University, Department of Architecture, *The Power of Building - The Case of Vyborg, Russia.*

5:00 Laimonas Briedis, Ph.D*, Vilnius University, *Vilnius in (re) verse: poetic imagination as cartographical imprint.*

5:20 Natallia Barykina*, University of Toronto; Natallia Barykina, University of Toronto, *Reform and Rationalization of Domestic Space in 1920's Germany and Russia: "Wohnung für Existenzminimum" and "Perestroika Byta".*

5:40 Stephen L Egbert, PhD*, University of Kansas; Karen G R Roekard, Independent Scholar, *Utilizing Historical GIS to Create Memorial Maps of Holocaust Victims in a Ukrainian Village.*

2665. Retail and Business Geography 2 (Sponsored by Business Geography Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Tony Hernandez, Ryerson Polytechnic University; Lawrence Joseph, Arizona State University

CHAIR(S): Lawrence Joseph, Arizona State University

Introducer: Lawrence Joseph

4:40 Tony Hernandez*, Ryerson University; Matthew Emmons, Ryerson University, *Retail Location Decision Support in Canada.*

5:00 Stephen Swales*, Ryerson University; Igor Dragovic, Ryerson University, *The Composition and Market Orientation of Business Improvement Areas (BIAs) in Toronto, Canada.*

5:20 Joseph Aversa*, Tony Hernandez, Dr, Ryerson University, *The Retail Invasion of Canada: corporate strategies and spatial insights.*

5:40 Sven-Olov Daunfeldt, Dalarna University; Aasa Lang*, Dalarna University; Zuzana Macuchova, Dalarna University; Niklas Rudholm, Dalarna University, *Firm Growth in the Swedish Retail and Wholesale*

Industries.

6:00 Johan Håkansson*, Dalarna university; Zuzana Macuchova, 2Dalarna University; Niklas Rudholm, Dalarnan University, *Firm migration in the Swedish wholesale trade sector.*

2666. Innovative Approaches to Urban and Regional Planning (Sponsored by Regional Development and Planning Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Vandana Wadhwa, Boston University; Chandana Mitra, Auburn University

CHAIR(S): Patrik Tornberg, Department of Urban Planning and Environment

4:40 Mohd K Al-Kuwari*, Qatar University; Abdl Azziz Ali Almannai, Qatar University; Balakrishnan Perumal, Qatar University, *The urban renewal planning using visual information designing tools.*

5:00 Deborah F. Shmueli*, University of Haifa; Rassem Khamaisi*, University of Haifa, *Planning Paradigms for Bedouin Communities in the Negev.*

5:20 Ahmad Massasati, Ph.D.*, University of Pittsburgh at Johnstown, *Analyzing the Islamic City Through the Eyes of Art.*

5:40 Patrik Tornberg*, Department of Urban Planning and Environment, KTH, Stockholm, *Sensemaking in Swedish National Transport Planning.*

2667. Electric Vehicles (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Transportation Geography Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso

CHAIR(S): Bradley W. Lane, University of Texas at El Paso

4:40 Steen Martijn Van Der, Netherlands School of Public Administration; Deventer Peter Van, Province of Noord-Holland; Bruijn Hans De, Delft University of Technology; Twist Mark Van, Erasmus University Rotterdam; Heuvelhof Ernst Ten, Delft University of Technology; Kingsley E. Haynes*, George Mason University; Zhenhua Chen, George Mason University, *Governing Innovation: The Transition to E-Mobility-A Dutch Perspective.*

5:00 Ivo Wengraf, PhD*, Technical University Munich, *Urban Mobility Cultures and Electric Vehicle Adoption in London and San Francisco.*

5:20 James Bothwell*, University of Oklahoma, *The utility and policy of Low Speed Electric Vehicles in Oklahoma.*

5:40 Barbara Lenz*, DLR Deutsches Zentrum fuer Luft- und Raumfahrt e. V., *Impact of policy measures on the market development for electric vehicles.*

6:00 Bradley W. Lane*, The University of Texas at El Paso; Rachel M. Krause, The University of Texas at El Paso; Sanya Carley, Indiana University; John D. Graham, Indiana University, *Personal travel behavior and electric vehicle diffusion: Evidence from a US survey.*

2669. Proposal-Writing Strategies for the NSF Geography and Spatial Sciences Program

Room: New York Ballroom West, Sheraton, Third

Floor (Workshop Session)

ORGANIZER(S): David McGinnis, National Science Foundation

Speaker: David McGinnis, National Science Foundation

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2670. Race, Space, and Struggle III (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Orlando R. Serrano, Jr., University of Southern California; Yousuf Al-Bulushi, UNC-Chapel Hill Department of Geography

CHAIR(S): Adam Bledsoe

4:40 Melanie Ann Barron*, University of Tennessee, Knoxville, *The Colorblind Courtroom and the Fight for Educational Equality in Boston, MA.*

4:55 Monica Patrice Barra*, CUNY Grad Center, *The body and/in the city: Performance and the corporeal transformation of urban space.*

5:10 Tasneem Siddiqui*, University of Southern California, *"Everything Change Up Now": A Re-examination of Low Country Spatial Struggles in Late 19th Century Georgia.*

5:25 Edwardo Valero*, Cornell University, *The Cock Block Wall, Hoochie Coochie Bleachers and Other Imaginary Spaces at Isoro High School.*

5:40 Robert Yarbrough*, Georgia Southern University, *"It's Not About Race": HB 87 and the Politics of Immigration in Georgia.*

2671. Political Ecology, Culture, and Waste Part III

Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Graham Pickren, University of Georgia

CHAIR(S): Graham Pickren, University of Georgia

4:40 Lily B Pollans*, MIT; Miekla Ritsema, PhD, IHP; Barbara Knecht, IHP, *Seeing: Comparative Perspective on Local Waste Disposal.*

5:00 Lindsey Dillon*, UC Berkeley, *Cultures of Toxic Clean-up: Techno-scientific rationalities and the politics of remediation at the Hunters Point Naval Shipyard.*

5:20 Michele L Flippo Bolduc*, University of Kentucky, *Death, Taxes, and Trash: Re-Thinking Political Economy in Post-Disaster Environments.*

5:40 Vicente Ugalde*, Center for Demographic, Urban and Environmental Studies, El Colegio de Mexico, *The current public response to waste in Mexico.*

6:00 Sarah Hill, Associate Professor*, Western Michigan University, *Rent and Recycling in Cuba: How Not-owning Leads to Not Using Things Up.*

2672. Tools and Methods

Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Muharem Cerabregu, Univ of Prishtina

4:40 Katherine C Malpeli*, United States Geological Survey; Peter G Chirico, United States Geological Survey, *Estimating the number of artisanal and small-scale miners in Central and West Africa using spatial statistics and field methods.*

5:00 Athena Goodfellow*, McMaster University, *Authenticity in PAR: What Happens when the Research Team is not Conventional?.*

5:20 Ryan P Dicce*, West Chester University; Matin Katirai, Ph.D., West Chester University, *An Analysis of the Human Development Index Focusing on the Impact of Education.*

5:40 Muharem Cerabregu*, Univ of Prishtina, *River Names Analysis of the Illyrian Peninsula.*

6:00 David G Kremetz, PhD, USGS; Kwasi Asante*, University of Arkansas; Luke Naylor, Arkansas Game and Fish Commission (AGFC), *Geospatial analyses of telemetry data for mallard (*Anas platyrhynchos*) migration along the Mississippi flyway.*

2673. SAM Student Paper Competition III (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Fang Qiu, University of Texas - Dallas

CHAIR(S): Fang Qiu, University of Texas - Dallas

4:40 Hu Wang*, University of South Carolina; Diansheng Guo, Dr., University of South Carolina, *Spatial scan statistics with hierarchical regionalization.*

5:00 Chia-Rung Yang*, Clark University; Hong Xia*, Clark University, *Exploring the Association between Low Birth Weight and Exposure to Air Pollutants Using Geographically Weighted Odds Ratio and Geographically Weighted Logistic Regression.*

5:20 John Patrick Connors*, Arizona State University; Chris Galletti, Arizona State University, *Spatial Complexity and Ecosystem Services: Impacts of landscape structure in Phoenix, Arizona.*

5:40 Lauren Pharr*, Louisiana State University, *Violent Crime Hot Spots on the LSU Campus.*

2674. Chinese urban spatio-temporal developments in perspective III

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Martin Dijst, Utrecht University; Donggen Wang, Hong Kong Baptist University

CHAIR(S): Donggen Wang, Hong Kong Baptist University

4:40 Yue Shen*, Yanwei Chai, *The Space-Time Flexibility of Commuting Behavior on GPS Data: A Case Study in Beijing.*

5:00 Ran LIU*, Singapore National Institute of Education, Nanyang Technological University; Ran LIU, National Institute of Education, Nanyang Technological University, Singapore, *What Did Migrants Gain from the Neoliberalization of Urban Space?? A Survey Study of Migrants' Mobility History in Beijing's Peri-Urban Villages.*

5:20 Zhang Jingqiu*, College of Arts and Sciences of Beijing Union University, Beijing 100191, China, *A Study on Features of Industries Distribution and Cluster of Office Space in Beijing City.*

5:40 Johnna Cressica Brazier, PhD Student*, MIT; Na Fu, Researcher, Urbanus Research Bureau, *The Urban Points Action Plan: Digital Tools for Participatory Urban Design in China.*

Discussant(s): Hao Wang, IGSNRR of CAS

2675. Human-Environment Interactions in Island Settings II (Sponsored by Qualitative Research Specialty Group, Human Dimensions of Global Change Specialty Group, Landscape Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Joseph Palis, North Carolina State University; Amy McCleary, University of North Carolina at Chapel Hill

CHAIR(S): Christine Erlen, Duke University

4:40 William B Herring, III*, East Carolina University Coastal Resources Management Program, *Winners and Losers from Tourism and Retirement on a North Carolina Outer Banks Island.*

4:55 Brian Pompeii*, Arizona State University, *A Historical-Geographic Analysis of Vulnerability and the Island Way of Life: Ocracoke, North Carolina.*

5:10 Chris Castagna*, University of Hawai'i at Manoa, *Local Counter-narratives: New Zealand Maori Experiences with Globalization.*

5:25 Kerry Alan Gathers, M.A., Geography*, University of Georgia, *Old Buildings and the New Wilderness: The Politics of Conservation in Cumberland Island, Georgia.*

5:40 Danielle Golon*, University of Kansas, *The Galapagos Islands And The People Who Live There.*

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2676. Living Colonialism III (Sponsored by Indigenous Peoples Specialty Group)

- Room:** Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia; Sarah Hunt, Simon Fraser University
 CHAIR(S): Lawrence D. Berg, University of British Columbia
4:40 Jay T Johnson*, University of Kansas; Michael Dunaway, University of Kansas, *Thirdspace: the lived spaces of Indigenous self-determination*.
5:00 Vanessa Sloan Morgan*, Heather Castleden, PhD, *The Maa-Nulth Treaty: Huu-ay-aht Youth Visions for a Post-Treaty Era and Indigenous-Settler Relations Within a Modern Treaty Context*.
5:20 Laurel C Smith*, University of Oklahoma, *Representing Indigenous Women: A Means to Whose End?*.
5:40 Hyesoon Jeong*, The Ohio State University, *Colonial Subjectivity of Foreign Aid and Women's Movement*.
6:00 Corinna Netherton*, The University of British Columbia, *Colonialism is a Reality in Canada: The Impact on Aboriginal People*.

2677. Session III: Geographies of Francophone Minorities: Immigration & Migration II (Sponsored by Cultural Geography Specialty Group)

- Room:** Park Suite 1, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Ronald J. Roy, Queen's University
 CHAIR(S): Ronald J. Roy, Queen's University
4:40 Ronald J. Roy*, Queen's University, *The types and forms of oppression faced by Francophone immigrants in small cities in Ontario and New Brunswick*.
5:00 Kayla Cloutier*, *L'entre-deux identitaire des jeunes franco-ontariens du Nord à Ottawa-Gatineau*.
 Discussant(s): Magatte Fall, REDTAC (im)migration CERIUM UdeM; Ronald J. Roy, Queen's University; Anne Gilbert, University of Ottawa

2678. Teaching quantitative methods and numeracy in Geography: challenges, opportunities and new ways of learning (Sponsored by Spatial Analysis and Modeling Specialty Group, Geography Education Specialty Group)

- Room:** Park Suite 2, Sheraton, Fifth Floor (Interactive Short Paper Session)
 ORGANIZER(S): Richard Harris, University of Bristol; Rich Schultz, Elmhurst College
 CHAIR(S): Richard Harris, University of Bristol
 Introducer: Richard Harris
4:45 Rich Schultz*, Elmhurst College; Merrilee Guenther, Elmhurst College, *Using Inquiry-Based Learning to Effectively Employ Quantitative Methods into an Undergraduate General Education Geography/Geoscience Course*.
4:50 Karen A Lemke*, Univ of Wisconsin-Stevens Point, *Teaching Quantitative Methods: "Hands-On Minds-Off" or "Hands-On Minds-On"?*.
4:55 Erik Ellder*, University of Gothenburg; Thomas Nedomysl, Dr, Institute for Futures Studies; Anders Larsson, Dr, University of Gothenburg; Bodil Jansund, Dr, University of Gothenburg; Mikael Thelin, High school of Sannarp, *Learning Benefits of Using 3D Versus 2D Maps: Evidence From a Controlled Experiment*.
5:00 Jeff Boggs*, Brock University, Department of Geography, *The efficacy of an inverted lecture format in an introductory quantitative research and design course for geographers*.
5:05 Alistair Geddes*, University of Dundee, *A Perspective from Scotland*.
5:10 Nicholas Tate*, University of Leicester, *Supporting the teaching and learning of statistics in the geographic curriculum*.

- 5:15** Laura Smith*, Macalester College, *Teaching Quantitative Methods in the Liberal Arts College: Challenges and Revelations*.

- 5:20** Bradley Shellito*, Youngtown State University, *Teaching Geospatial Technologies on a Shoestring*.

2679. Landscapes, livelihoods, and environmental change in Southwest China (Session II) (Sponsored by China Specialty Group)

- Room:** Park Suite 3, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Jamon Van Den Hoek, University of Wisconsin - Madison; Mary Saunders, University of Wisconsin - Madison
 CHAIR(S): Mary Saunders, University of Wisconsin - Madison
4:40 Amanda Henck Schmidt*, Department of Geology, Oberlin College; Lauren S. Urgenson, School of Forest Resources, University of Washington; Julie K. Combs, School of Forest Resources, University of Washington; Qingxia Yang, Science Office, Jiuzhaigou National Park Administration; Ziyu Ma, School of Forest Resources, University of Washington; Thomas M. Hinckley, School of Forest Resources, University of Washington; Stevan Harrell, Department of Anthropology, University of Washington, *What are Natural Landscapes? A Case Study of Land-use, Management, and People in Jiuzhaigou National Park, Sichuan, China*.
5:00 Elizabeth Lord*, University of Toronto, *China's forest property rights reform: helping or hindering the rural poor?*.
5:20 Mary T Saunders, PhD Candidate*, University of Wisconsin - Madison, *Cultural, Socioeconomic, and Environmental Influences on Tartary Buckwheat (*Fagopyrum tataricum*) Landrace Diversity in Yunnan, China*.
5:40 Clara Champalle*, McGill University; Sarah Turner, Professor, McGill University, *'The drought/floods/frost ruined everything': state endorsed cash crops, extreme weather vulnerability and everyday livelihoods in southeast Yunnan, China*.
 Discussant(s): Alana Boland, University of Toronto

2680. US Interstate Migration and Restructuring (Sponsored by Population Specialty Group)

- Room:** Park Suite 4, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Matthew Townley, University of Washington
 CHAIR(S): Matthew Townley, University of Washington
4:40 Thomas Cooke*, University of Connecticut, *Reconciling the Seemingly Contradictory Story of Declining Migration and Technologically-Based Hypermobility*.
5:00 Natasha Rivers*, CSDE, *Return Migration of Blacks to the South: locational choice, labor markets, and the perception of a "better" life*.
5:20 Kristy Copeland*, University of Washington; Mark Ellis, University of Washington; Richard A. Wright, Dartmouth College; Matthew Townley, University of Washington, *Outmigration from Arizona*.
5:40 Jason R Jurjevich*, Portland State University; Greg Schrock, Portland State University, *Where Young People Go to Retire? Amenities, Employment Opportunity and Migration Patterns of the Young and College-Educated*.

SATURDAY, FEBRUARY 25 • 4:40 PM - 6:20 PM • 2600

2681. Mobile phone data and geographic modelling (Sponsored by Communication Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Emmanouil Tranos, Vrije University

CHAIR(S): Emmanouil Tranos, Vrije University

4:40 Jill M Moeller*, Rhodes University, *Using ICTs to Understand Multiple-Use Water Services in Rural South Africa.*

5:00 Kristian Hegner Reinau*, Department of Development and Planning, Aalborg University; Henrik Harder, Department of Architecture, Design and Media Technology, Aalborg University, *The use of GPS and SMS data in illuminating the Mobility of Families: Fusing quantitative and qualitative data.*

5:20 Julie Fen-Chong*, UMR Géographie Cités - Orange Labs; Quentin Lobbe, UMR Géographie Cités - UTC Compiègne; Julian Bilcke, CREA (CNRS) - ISC-PIF, *Revealing foreign visitors mobility practices in Paris using mobile phone data.*

5:40 Rein Ahas*, Department of Geography, University of Tartu; Erki Saluveer, Positium LBS, Tartu, Estonia; Ott Toomet, Department of Geography, University of Tartu; Siiri Silm, Department of Geography, University of Tartu, *Theoretical and Methodological Framework for Measuring Physical Co-presence with Mobile Positioning Databases.*

6:00 Emmanouil Tranos*, Vrije University; John Steenbruggen, Dept. of Spatial Economics, VU University; Peter Nijkamp, Dept. of Spatial Economics, VU University; Henk Scholten, SPINlab, VU University, *Mobile phone intensity and motorway traffic.*

2686. Working Digitally with Historical Maps (4): Digital gazetteers

Room: New York Public Library, South Court Classrooms of the Schwarzman Building (Paper Session)

ORGANIZER(S): Humphrey Southall, University of Portsmouth; Merrick Berman, China Historical GIS, Harvard Univ

CHAIR(S): Shekhar Krishnan, MIT Program in Science Technology and Society

4:40 Merrick Berman*, China Historical GIS, Harvard Univ, *Historical Gazetteer Development and Integration.*

5:00 Raj Singh*, Open Geospatial Consortium, *Establishing a Global Data Sharing Framework for Place Names.*

5:20 Ashley Holt*, *Gazetteer representation of place name usage.*

6:00 PM - 7:00 PM • 2700

2785. Keynote: Finding and Referencing Old Maps Online*

Room: New York Public Library, South Court Auditorium of the Schwarzman Building (Plenary Session)

ORGANIZER(S): Humphrey Southall, University of Portsmouth

CHAIR(S): Matthew Knutzen, New York Public Library

6:00 David Rumsey, Cartography Associates

6:20 Humphrey Southall, University of Portsmouth

6:40 Petr Pridal, Moravian Library

* The New York Public Library's Schwarzman Building closes at 6:00 p.m. Those wishing to attend this session must arrive by 5:45 p.m. to be admitted to the building.

6:30 PM - 9:30 PM

6:30 p.m. - 7:30 p.m.

2723. AAG ATLAS AWARD: Mary Robinson

Room: Sutton Parlor Center, Hilton, Second Floor (Plenary Session)

Mapping the Future of Climate Change

Opening Remarks: Douglas Richardson, AAG Executive Director

Speaker: **Mary Robinson**, Mary Robinson Foundation/Trinity College, former President of Ireland, former UN High Commissioner for Human Rights

Dr. **Mary Robinson**, a world-renowned advocate for human rights and a former President of Ireland (1990-1997), will receive the AAG Atlas Award and deliver an address on climate justice and international efforts to combat climate change, most recently at the COP17 in Durban.

7:00 p.m. - 8:30 p.m.

Film: Chernobyl's Fallout: Reconciling the Disasters & Contemporary Energy Policy in Ukraine

Room: New York Ballroom East, Sheraton

Synopsis: Today 15 operating nuclear power reactors arguably provide a degree of self-sufficiency and energy security to Ukraine. The ominous specter of Chernobyl's Reactor 4 still tempers any optimism espoused by proponents of nuclear power. This film weaves together footage of the exclusion zone and nearly two-dozen interviews with scientists, policymakers, liquidators, educators, administrators, activists, regulators and industry executives to present multiple perspectives on the lasting impacts of the Chernobyl disaster and the promise of nuclear power in contemporary Ukraine. The film highlights how the meaning and impacts of the disaster are still contested at the international, state, and local levels.

7:30 p.m. - 9:30 p.m.

AAG INTERNATIONAL RECEPTION in the Exhibit Hall

Room: AAG Exhibit Hall: Rhinelander Gallery, Hilton, Second Floor and Americas Hall I, Hilton, Third Floor

This reception is an opportunity to see old friends and meet colleagues at the outset of the AAG Annual Meeting. The reception is held in the Exhibit Hall where attendees will be able to see the variety of products and services available to AAG Annual Meeting attendees. See pages 64-68 for a list of exhibitors and an exhibit hall floor plan. Free drink ticket (provided in your registration packet).

SATURDAY, FEBRUARY 25**7:30 PM - 8:30 PM • 2800****7:30 p.m. - 8:30 p.m.**

- 2801. Climate Specialty Group Business Meeting**
Room: Concourse A, Hilton, Concourse Level
- 2803. Business Geography Specialty Group Business Meeting**
Room: Concourse C, Hilton, Concourse Level
- 2816. Environmental Perception and Behavioral Geography Specialty Group Business Meeting**
Room: Morgan Suite, Hilton, Second Floor
- 2830. Regional Development and Planning Specialty Group Business Meeting**
Room: Mercury Rotunda, Hilton, Third Floor
- 2836. Africa Specialty Group Business Meeting**
Room: Green Room, Hilton, Fourth Floor
- 2837. Ethics, Justice, and Human Rights Specialty Group Business Meeting**
Room: Harlem Suite, Hilton, Fourth Floor
- 2839. Landscape Specialty Group Business Meeting**
Room: Holland Suite, Hilton, Fourth Floor
- 2841. Water Resources Specialty Group Business Meeting**
Room: Midtown Suite, Hilton, Fourth Floor
- 2842. Applied Geography Specialty Group Business Meeting**
Room: New York Suite, Hilton, Fourth Floor
- 2850. Asian Geography Specialty Group Business Meeting**
Room: Conference Room H, Sheraton, Lower Level
- 2860. Community College Affinity Group Business Meeting**
Room: Lenox Ballroom, Sheraton, Second Floor
- 2867. Communication Geography Specialty Group Business Meeting**
Room: Liberty 5, Sheraton, Third Floor

8:30 PM - 9:30 PM • 2900**8:30 p.m. - 9:30 p.m.**

- 2903. Geography Education Specialty Group Business Meeting**
Room: Concourse C, Hilton, Concourse Level
- 2916. Spatial Analysis and Modeling Specialty Group Business Meeting**
Room: Morgan Suite, Hilton, Second Floor
- 2930. Private/Public Affinity Group Business Meeting**
Room: Mercury Rotunda, Hilton, Third Floor
- 2936. Canadian Studies Specialty Group Business Meeting**
Room: Green Room, Hilton, Fourth Floor
- 2937. Population Specialty Group Business Meeting**
Room: Harlem Suite, Hilton, Fourth Floor
- 2939. Mountain Geography Specialty Group**
Room: Holland Suite, Hilton, Fourth Floor
- 2941. Study of the American South Specialty Group Business Meeting**
Room: Midtown Suite, Hilton, Fourth Floor
- 2950. Developing Geographies Specialty Group Business Meeting**
Room: Conference Room H, Sheraton, Lower Level
- 2960. Military Geography Specialty Group Business Meeting**
Room: Lenox Ballroom, Sheraton, Second Floor
- 2967. Coastal and Marine Specialty Group Business Meeting**
Room: Liberty 5, Sheraton, Third Floor

Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

SUNDAY, FEBRUARY 26 • 8:00 AM - 9:40 AM • 3100**8:00 a.m. - 9:40 a.m.****3101. GeoHumanities I: Exploring Interdisciplinary Methods (Sponsored by Association of American Geographers)**

- Room:** Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): James A. Ketchum, Association of American Geographers
 CHAIR(S): Michael Steinberg, University of Alabama
8:00 Michael Steinberg*, Department of Geography, University of Alabama, *Geographer as Creative Environmental Writer: Prospects and Problems.*
8:20 Anja Haelg Bieri*, Virginia Tech, *Audio-Walks: Walking in Cultural Geography and Interactive Documentary Art.*
8:40 James E Wells, M.A.*, Kansas State University, *Reflections upon Repeat Photography: a Methodological Discussion.*
9:00 Darrel L. McDonald, Ph.D.*, Stephen F Austin State University; Jeffery Roth, Ph.D., Stephen F. Austin State University, *Contested Cultural Landscape Artifacts: East Texas Cemeteries.*

3102. Capital Cities 1: Politics, History and Culture (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

- Room:** Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Karen E. Till, NUI Maynooth; Heike Mayer
 CHAIR(S): Heike Mayer
8:00 Heike Mayer*, University of Bern, Switzerland, *Capital City Washington D.C.: Challenges and opportunities in anchoring a federal agency in the local community.*
8:20 Gerry Kearns*, National University of Ireland-Maynooth, *Capital places of engagement: the cultural politics of institutional failure.*
8:40 Karen E. Till*, NUI Maynooth; Karen E. Till, Department of Geography, National University of Ireland Maynooth, *Interim Spaces: Creative Practice in Capital Cities.*
9:00 Nicholas J Crane*, Ohio State University, *Historiography and Politics: For Another Critique of the Pyramid.*
 Discussant(s): Lorraine Dowler, Penn State University

3103. Islands, Arts and the Geographical Imaginations (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

- Room:** Concourse C, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Joseph Palis, North Carolina State University; Elaine Stratford, University of Tasmania
 CHAIR(S): Elaine Stratford, University of Tasmania
 Panelists: Denis Wood; Linda Quiquix, University of North Carolina, Chapel Hill; April Krause; Godfrey Baldacchino, University of Prince Edward Island; Elizabeth N McMahon, University of New South Wales; Donald S Lawrence, Thompson Rivers University

3104. The Geography of the Financial Crisis (Sponsored by International Finance and Economics Special Session Track)

- Room:** Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Giselle Datz, Virginia Tech
8:00 Christian Steiner*, University of Frankfurt, *Economic Geography after the Crisis: Potentials of a Pragmatist Theory of Creative Action.*
8:20 Kenneth A. Johnson, M.R.P., Ph.D.*, SUNY - ONEONTA, *The Euro Crisis: Possible Alternative Outcomes.*
8:40 Jennifer Watts*, University of Manchester, *Geographies of Temporary Staffing and the Financial Crisis.*
9:00 Giselle Datz*, Virginia Tech, *From Pension Fund Capitalism to Pension Fund Developmentalism in Emerging Markets.*

- 9:20** Sang Young Je, Prof.*, Korea University at Sejong, *Country-specific Response of Stock Markets to International Oil Shock.*

3105. Development Politics, Strategies, and Anomalies

- Room:** Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Michael Williams
8:00 Liam Campling*, School of Business and Management, Queen Mary, University of London, *Development Anomalies or Commercial Policies? The Political Economy of EU-Africa Fisheries Relations.*
8:20 Gabriella Y. Carolini, PhD*, Rutgers - The State University of New Jersey, The Bloustein School, *Exporting Responsibility: Assessing the Brazilian Reform Model in Maputo, Mozambique.*
8:40 Almokhtar M Attwairi*, University of Kansas, *Planning and Development in Qaddafi's Libya.*
9:00 Alarico M Fernandes*, University of Wisconsin - Milwaukee, *Millennium Villages Across Africa: The Millennium Development Goals as Community-Led Development.*
9:20 Michael Williams, BA (HONS), MA Candidate GEOG & IDS*, University of Guelph, *Youth Entrepreneurship in Agriculture as a Development Strategy in Botswana, Africa.*

3106. Social and Environmental Justice: International Impacts (Part of the Social Justice, Media, and Human Rights Special Session Track, United Nations Special Session Track)

- Room:** Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jean Carmalt, Drake University
8:00 Nancy Davis Lewis, PhD*, East-West Center; David J. Cohen, JD, PhD, University of California, Berkeley, *The Asian International Justice Initiative: Research, Capacity Building and Outreach in the Asia Pacific Region.*
8:20 Aida Izadpanah Jahromi*, The Graduate Center, CUNY, *An Analysis of Visual Representation of Children's Experience of War by Humanitarian Organizations.*
8:40 Johanne Sanschagrin*, Université Saint-Paul, *Defining Environmental Liability.*
9:00 Jean Carmalt*, Drake University, *Human rights, the United Nations, and the question of victim participation.*
9:20 Edwin Butterworth, Business Systems Analyst*, CACI International, *AAAS Science and Human Rights Coalition: an Independent Scientist's Experience.*

3107. Geography and Diversity: Showcasing "Diversity Discipline" among Administrators and Interdisciplinary Campus Colleagues (Sponsored by Geography Education Specialty Group, Community College Affinity Group)

- Room:** Concourse G, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Sarah Goggin
 CHAIR(S): Sarah Goggin
 Panelists: Anne Ranek; Herschel Stern, Miracosta College; Amy Work, Institute for the Application of Geospatial Technology; James K Hayes-Bohanan, Bridgewater State University

3108. Historical Geography, From Empire to Urban Highway

- Room:** Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Barbara MacLennan, West Virginia University
8:00 Mark Hennessy*, Trinity College Dublin, *Ireland and the First English Empire.*
8:20 Garrett Smith*, Kennesaw State University, *Exploring the Sequent Occupance of a Trappist Monastery.*
8:40 Mary Graham*, York College of Pennsylvania; Richard D Stone, Professor Emeritus, Shippensburg University,

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Preservation at National Military Parks in the Civil War's Western Theater: Stones River, Shiloh, and Vicksburg.

- 9:00** Barbara MacLennan*, West Virginia University, "Myth, mischief, mortality, and manhood: The image of the 'ol' swimming hole' and the making of the American President".

3110. CITY Sessions (1): Beyond 'Cities for People, Not for Profit'

Room: Clinton Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Kurt Iveson; Bob Catterall, CITY
 CHAIR(S): Bob Catterall, CITY
 Panelists: Neil Brenner, Harvard University, Graduate School of Design; Bob Catterall, CITY; Margit Mayer, Freie Universitaet Berlin; Sharon M. Meagher, The University of Scranton; Justus Uitermark, Department of Sociology; Antonios Vradis

3111. Evolutionary Economic Geography VIII - The Dynamics of Clusters (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Dieter Franz Kogler, University College Dublin; Stuart Dawley, Curds, University of Newcastle
 CHAIR(S): Arnoud Lagendijk, Radboud University Nijmegen
8:00 Shiri M Breznitz, DR*, Georgia Institute of Technology, *Industrial Agglomeration vs. Clusters - "Real" Communication or is it all "in the air"?*
8:15 Harald Bathelt*, University of Toronto; Peng-Fei Li, East China Normal University, *A Relational-Evolutionary Perspective of Cluster Dynamics*
8:30 Neil Reid*, University of Toledo; Jay D Gatrell, Indiana State University; Bruce W Smith, Bowling Green State University, *Evolutionary Economic Geography in the Field(s): Sustained action and adaptive cluster management*
8:45 Christian R. Oestergaard*, Aalborg University; Eun Kyung Park, Aalborg University, *Clusters in Transition*
9:00 Ron Boschma, University of Utrecht; Matté Hartog*, University of Utrecht, *M&A's as drivers of spatial clustering. The spatial evolution of the Dutch banking sector in the period 1850-1993*.
 Discussant(s): Peter Maskell

3112. Infrastructure shocks and the politics of urban life- crises, security and control

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Vanesa Castan Broto, University College London; Stephen Graham, Newcastle University
 CHAIR(S): Benjamin J. Leclair-Paquet, ETH-Zurich
8:00 Wendy E Steele, PhD*, Griffith University, *Through the security glass darkly? Cities, critical infrastructure and climate change*.
8:20 Cat Button*, Durham University, *Rainwater harvesting in Mumbai: middle-class response to climate change*.
8:40 Ulrike Engel*, *The role of railways within the urban development of Johannesburg*.
9:00 Deborah Cheng*, UC Berkeley, *Governance After Shock: The Effects of the Asian Financial Crisis on Manila's Waterscape*.
9:20 Julio D Davila, Dr*, UCL; Peter Brand, Dr, Universidad Nacional de Colombia (Medellin), *The shock of success? The politics of mobility in Medellin's Metrocables*.

3113. Gated Communities and Identity Construction

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Mervi Ilmonen, Helsinki University of Technology (HUT)
8:00 Choon Piew POW, PhD*, National University of Singapore, *Beyond Case Studies: Unpacking Gated Communities Research*.
8:20 Sampo Ruoppila, PhD*, University of Turku, *How to Retain an Exciting Mix of Cultural Activities in Regenerating Areas: Cultural Centres as an Example*.
8:40 Per G Røe*, University of Oslo, Department of Sociology and Human Geography, *Suburban identity constructions - a study of row house neighbourhoods*.
9:00 Mervi Ilmonen*, Aalto University Centre for Urban and Regional Studies, *Branding "the urban" - Case Kallio in in the Helsinki inner city*.

3114. Rethinking technology and sustainability in the space economy #1: Unpacking the geographies of socio-technical transitions (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): James Murphy, Clark University; Bernhard Truffer, Eawag
 CHAIR(S): James Murphy, Clark University
 Introducer: Bernhard Truffer
8:10 David Gibbs*, University of Hull, *Green Entrepreneurs: Transition to a Sustainable Economy?*.
8:30 Mary Lawhon, University of Cape Town; James T Murphy*, Clark University, *Socio-technical regimes and sustainability transitions: Insights from political ecology*.
8:50 Lars Coenen*, Lund University, Sweden, *Scaling-up local niche experiments for transitions to low carbon transport systems*.
9:10 Christian Binz*, Eawag, Swiss Federal Institute of Aquatic Science and Technology; Bernhard Truffer, Prof., Eawag: Swiss Federal Institute of Aquatic Science and Technology, *Sustainability transitions in multi-scalar technological innovation systems: Understanding niche development with changing spatio-relational patterns*.
 Discussant(s): Bernhard Truffer, Eawag

3115. Geographies of Extractive Industries I: Territory (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Jessica Budds, The Open University; Tom Perreault, Syracuse University
 CHAIR(S): Jessica Budds, The Open University
8:00 Penelope Anthias*, University of Cambridge, *Reconfiguring Territories, Negotiating Rights: Indigenous Land Titling and Hydrocarbons Development in the Bolivian Chaco*.
8:20 Adam French*, University of California, Santa Cruz, *Ordering the Territories: Regional Imaginaries, Resource Conflicts, and Adaptive Governance in Ancash, Peru*.
8:40 Ximena S. Warnars, PhD (c)*, The University of Manchester, *Beyond borders: Minerals, Territory and Movements*.
9:00 Leonith Hinojosa-Valencia, Dr*, The Open University, *Water territories or Water and Territory? A reflection on the geographies of natural resources in the Andes*.
9:20 Milagros Sosa*, Wageningen University, *Minescapes as spaces of both dependence and contestation: The Combayo conflict in Cajamarca, Peru*.

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- 3116. Beyond the Ivory Tower B: Preparing Geographers for Careers in Government and Nonprofits (Sponsored by Private/Public Affinity Group, Applied Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**

Room: Morgan Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers

CHAIR(S): Beth Schlemper, University of Toledo

Discussant(s): Michael N. Solem, Association of American Geographers

Panelists: Rebecca Theobald, University of Colorado Colorado Springs; Paul B. Frederic, University of Maine; Richard Quodmine, NYS DOT; Robert Kerr, US Air Force Culture and Language Center; Carolyn Roberts, University of Oxford; John Wertman, Association of American Geographers; Lowry Taylor, U.S. Department of State; Elizabeth Lyon, US Army Corps of Engineering (TEC)

- 3117. Baroque Geographies**

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Harriet Hawkins; Deborah Dixon

CHAIR(S): John Paul Jones, University of Arizona

8:00 Harriet Hawkins*, *Art, Science and the Baroque*.

8:20 Philip Crang, Professor*, Royal Holloway, University of London, *Baroque Imaginations and the Texture of Place: a Tale of Two Shops*.

8:40 Thomas J Puleo*, Arizona State University, *Baroque ornamentation and the trauma-shattered psyche*.

9:00 Martin Jones*, University of Wales, Aberystwyth, *Kapoorian Geography*.

- 3118. Geographies of Media 6: Cultural Politics and the News (Sponsored by Communication Geography Specialty Group)**

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Christopher Lukinbeal, University of Arizona; Jason Dittmer, University College London

CHAIR(S): Joseph Palis, North Carolina State University

8:00 Dani Aiello*, Simon Fraser University, *Hoarders: Governmentality and Consumer Ideology in Tele-therapeutic Entertainment*.

8:20 Dmitrii Sidorov*, CSULB, *Visualizing Russia in World Regional Geography Multimedia Supplements*.

8:40 Stefan Zimmermann*, Institute of Geography, University of Osnabrück, *Strangers in the Tide - Malta, Media, Migration*.

9:00 Kimberly Klockow*, University of Oklahoma Department of Geography and Environmental Sustainability; Aondover Tarhule, PhD, University of Oklahoma Department of Geography and Environmental Sustainability; Renee McPherson, PhD, Oklahoma Climatological Survey; Darren Purcell, PhD, University of Oklahoma Department of Geography and Environmental Sustainability; Harold Brooks, PhD, National Severe Storms Laboratory, *Accessing and understanding tornado warnings: The April 27, 2011 outbreak*.

9:20 Mike Gasher, PhD*, Concordia University, *Situating Haiti on the Montreal News Map*.

- 3119. Children and young people's everyday politics I (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): David Jones Marshall, University of Kentucky; Kirsi P. Kallio, University of Tampere

CHAIR(S): Kirsi P. Kallio, University of Tampere

Introducer: Kirsi P. Kallio

Introducer: David Jones Marshall

8:20 Fazeeha Azmi, Dr., Peradeniya University, Sri Lanka; Cathrine Brun, Assoc. prof., Norwegian University of Science and Technology; Ragnhild Lund*, Norwegian University of Science and Technology, *Young people's everyday politics in post conflict Sri Lanka: from militarism to development*.

8:40 Sandy Marshall, PhD Candidate*, University of Kentucky, *"Don't ask me why, it's just beautiful, ok?": Palestinian refugee children and the politics of representation and non-representation*.

9:00 Lynn Staeheli*, Durham University, *Youth and citizenship: Struggles on and off the street*.

Discussant(s): Robert Vanderbeck, University of Leeds

- 3120. Environmental Perception**

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daniel Harrington, University of Toronto

8:00 Dylan Simone*, McMaster University; John Eyles, PhD, McMaster University; K. Bruce Newbold, PhD, McMaster University; Peter Kitchen, PhD, McMaster University; Allison Williams, PhD, McMaster University, *Acquiescent? Looking at other things? Who Cares About Air Quality in Hamilton?*.

8:20 Clevon Ash, B.Sc. (Hons)*, UWI Seismic Research Centre; Richard E. A. Robertson, B.Sc., M.Phil, Ph.D., Director UWI Seismic Research Centre; Paul Shaw, Professor, Geography Department, Faculty of Science & Agriculture, University of the West Indies, *Seismic Hazard Perception: A case for Tobago in the Eastern Caribbean*.

8:40 David Widner*, Kent State University, *Increasing Environmental Perception by Bridging the Gap Between Modern Technology and Primitive Culture*.

9:00 Daniel W Harrington, PhD*, University of Toronto; Kathi Wilson, PhD, University of Toronto; Susan J Elliott, PhD, University of Waterloo; Ann E Clarke, MD, McGill University Health Centre; Lianne Soller, McGill University Health Centre; Moshe Ben-Shoshan, MD, McGill University Health Centre; Lawrence Joseph, PhD, McGill University Health Centre; Sébastien La Vieille, Food Directorate, Health Canada, *Towards Painting a Complete Picture of the Perceived Risk of Food Allergies: The case of marginalized populations in Canada*.

9:20 Jamie Baxter*, University of Western Ontario; Rakhee Mozaria; Rachel Hirsch, York University, *Wind turbine risk perception in Ontario*.

- 3121. From GIS to Infinity and Beyond**

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laura Inzerillo, Palermo University

8:00 Youcheol KIM*, Yonsei University; Byung Nam Yoon, Sogang University; Hyonjong Kim, Yonsei University, *The Management of Border and Territory for the Historical Map in GIS System*.

8:20 Weichia Huang*, National Taiwan University; Jinn-guey Lay, Dr., National Taiwan University, *Rail expansion and its effects on the society in Japanese occupation period of Taiwan: a spatial analysis and GIS approach*.

8:40 Yingnan Li*, Department of Earth Science, The University of Memphis; Hsiang-te Kung, Ph.D., Department of Earth Science, The University of Memphis, *Spatial and Temporal Analysis of the Confucius Institutes in the United States*.

9:00 Laura Inzerillo, researcher*, Palermo University; Francesco Di Paola, PhD, Palermo University, *Augmented Reality*.

9:20 Barry Bitters, Ph.D.*, Science Applications International Corporation, *Advances in Desktop 3D-Stereoscopic Visualization of Geospatial Data*.

SUNDAY, FEBRUARY 26 • 8:00 AM - 9:40 AM • 3100**3123. Highlights in Spatial Analysis and Modelling (Sponsored by Spatial Analysis and Modeling Specialty Group)**

Room: *Sutton Parlor Center, Hilton, Second Floor* (Interactive Short Paper Session)

ORGANIZER(S): Joni Downs, University of South Florida
CHAIR(S): Mondal Surabuddin, Dept. of W R D & M, Indian Institute of Technology, Roorkee, India - 247667

8:00 Mondal Surabuddin*, Dept. of W R D & M, Indian Institute of Technology, Roorkee, India - 247667; Nayan Sharma, Dept. of W R D & M, Indian Institute of Technology, Roorkee ? 247667, India; Martin Kappas, Dept. of Cartography, GIS & Remote Sensing, Institute of Geography, Georg-August University, Göttingen, Germany; P K Garg, Dept. of Civil (Geomatics) Engineering, Indian Institute of Technology, Roorkee ? 247667, India, *Modelling of Land Use Land Cover Dynamics in a part of Brahmaputra River Basin Using Geoinformatics Techniques*.

8:05 Linda S Jones, PhD*, SUNY/Empire State College; Kent Stanton, MS, SUNY/Empire State College; Nikki Shrimpton, PhD, SUNY/Empire State College; Sadie Ross, MS, SUNY/Empire State College, *An Undergraduate Research Experience: Using Technology and GIS to Monitor Spatial and Temporal Patterns of Japanese Beetle Populations, Related to Changing Climate Conditions, Across New York State*.

8:10 Tonya Lewis, J.D., Ph.D., ABD*, University at Buffalo Geography Department, *Developing effective environmental justice policies through a synergistic analysis of space, the environment, and the law*.

8:15 Alexandra C Morel, PhD*, Earth Institute, Columbia University; Liana Razafindrazay, MSc, CIESIN, Columbia University, *Spatial analysis of socio-economic and natural hazard vulnerability for Haiti, using GIS and remote sensing*.

8:20 Emiko Guthe*, George Washington University, *Mapping Foreign Aid: NGO Use of Geographic Information in Haiti*.

8:25 Konstantin Greger*, University of Tsukuba, Tsukuba, Japan, *Spatial Analysis of Terrorism Vulnerability*.

8:30 Kevin Murphy*, NASA/GSFC, *The Use of Near Real Time Satellite Mapping to Investigate Hazards and Disasters*.

8:35 Anders Olson*, Clark University; John Rogan, Ph.D, Clark University; Marco Millones, Ph.D, Clark University, *Spatial statistical analysis of anthropogenic disturbances of tropical forests in the Southern Yucatan Peninsula Region*.

3125. Hazards Planning and Economics

Room: *Sutton Parlor South, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Karen Wertz, Florida State University

8:00 Yu Xiao*, Texas A&M University; Edward Feser, Manchester Business School & University of Illinois at Urbana-Champaign, *The Unemployment Impact of the 1993 Midwest Flood: A Quasi-experimental Structural Break Point Analysis*.

8:20 Myrto Kalliopi Garis*, University of Montreal, *Understanding Urban Resilience from a Long-term Perspective: The case of Kalamata, Greece, 25 years after the earthquake*.

8:40 Kelsey Mulder*, East Carolina University; Burrell Montz, East Carolina University; Jessica Losego, University of North Carolina Chapel Hill; Ken Galluppi, University of North Carolina Chapel Hill, *Making Decisions when a Hurricane Threatens: Product Preferences for Emergency Management in North Carolina*.

9:00 Markku Tykkyläinen*, University of Eastern Finland, *Unraveling Human Economic Reactions to Extreme Events in the Geographical Space*.

9:20 Karen Wertz*, Florida State University, *Emergency Planning Outreach to Linguistically and Culturally Vulnerable Populations*.

3129. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies I (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *Mercury Ballroom, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Elizabeth Mack, Arizona State University; Kevin Stolarick, University of Toronto

CHAIR(S): Elizabeth Mack, Arizona State University

8:00 Mark Lorenzen*, Copenhagen Business School; Kristina Vaarst Andersen, Roskilde University, *The strength of distant ties: Project collaboration, knowledge heterogeneity, and global linkages in the Danish film industry*.

8:20 Vivian Ho*, USC, *Dining out: Impact on urban development through taste and social media*.

8:40 Pacey Foster*, University of Massachusetts Boston; Stephan Manning, University of Massachusetts Boston; David Terkla, University of Massachusetts Boston, *The Rise of Hollywood East: Intermediary Organizations and Local Network Attachments in the U.S. Film and Television Industry*.

9:00 Erin Watkins*, UNCC; Quinfang Wang, PhD, UNCC, *Foreign Firms: Location Factors and Economic Development Implications for a Globalizing City in the U.S. South*.

9:20 Shinji HARA*, Kagawa University, *VFX Supervisor as Collaborative Creative Leader for Managing Knowledge Creation and Modularity in Project Ecology and Global Inter-Cluster Relations of Hollywood Digital Entertainment Industry*.

3130. Sustainable Communities 1 (Sponsored by Rural Geography Specialty Group)

Room: *Mercury Rotunda, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University

CHAIR(S): Alison Blay-Palmer, Wilfrid Laurier University

8:00 Terry Marsden*, Cardiff University; Alex Franklin, Cardiff University, *Sustainable Place Making: Creating Adaptive City-Regions*.

8:20 David Kraft*, Strategic Communications (Stratcom), *Changing Strategies: From Political Action to Community Transformation*.

8:40 Debbie Field*, FoodShare Toronto, *Putting Food First: Building Sustainable Communities through Food Action and Policy*.

9:00 Timothy Luke*, Virginia Tech, *"Sustainable Development as the Highest Stage of Capitalism: Marx on the Political Economy of Contemporary Ecology"*.

3131. The Sage Reference Handbook on 21st Century Geography: Reflections by Authors

Room: *Petit Trianon, Hilton, Third Floor* (Panel Session)

ORGANIZER(S): Gil Latz, IUPUI; Joseph Stoltman, Western Michigan University

CHAIR(S): Gil Latz, IUPUI

Panelists: Kevin Archer, University of South Florida; Gil Latz, IUPUI; Karen Barton, University of Northern Colorado; Joseph Stoltman, Western Michigan University; Janet Smith, Shippensburg University

SUNDAY, FEBRUARY 26 • 8:00 AM - 9:40 AM • 3100**3132. Spatial Mobility and Mobilizing in the Construction of Places**

Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Miriam Chion, Association of Bay Area Governments

CHAIR(S): Lisa Feldstein, UC Berkeley

8:00 Lisa Feldstein*, UC Berkeley, *The City in the Country, the Country in the City*.

8:20 Alex Schafran, PhD Student, UC Berkeley; Oscar Sosa*, UC Berkeley; June Gin, Department of Veteran Affairs, *Politics and possibility in postsuburbia: Scale, social movements and the suburbanization of poverty*.

8:40 Miriam Chion*, Association of Bay Area Governments, *Redefining regional planning through a dialogue on place-making*.

9:00 Manju Menon*, Manju Menon, Centre for Studies in Science Policy, Jawaharlal Nehru University, New Delhi, *Making Environmental Knowledges: Public Hearing and Hydroelectric Projects in Northeast India*.

migration in the forest berry industry, labour market deregulation and new spatial representations.

3139. Wine Specialty Group Student Presentation Competition (Sponsored by Wine Specialty Group)

Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Gregory Jones, Southern Oregon University

CHAIR(S): Percy H Dougherty, Kutztown University of Pennsylvania

8:00 Christi G Townsend*, Texas State University, San Marcos, Texas, *A Historical Geography of Wine Production in Chile and Argentina*.

8:20 Kathryn N Barnard*, Portland State University; Scott F Burns, Portland State University, *Analysis of Prominent Pinot Noir Vineyard Soils in Order to Understand the Terroir, Willamette Valley, Oregon*.

8:40 Alicia E Gray*, Southern Connecticut State University, *A GIS-based Approach to Assessing the Economic Viability of Organic Viticulture in Connecticut*.

9:00 Hannah K Kubach*, Shippensburg University; Timothy W. Hawkins, Ph.D., Shippensburg University, *Weather and Wine Grape Quality: A Comparative Study of Two Adams County, Pennsylvania Vineyards*.

9:20 Maja Djorcev*, Department of Geography, University of Tennessee, *Organic Vinification Marketing Opportunities for Small-scale Wine Producers in Slovenia*.

3135. The inner-conference 1

Room: *East Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Brandon B Derman, University of Washington

CHAIR(S): Brandon B Derman, University of Washington

Panelists: Emma Mullaney, The Pennsylvania State University; Elizabeth R. Johnson, University of Minnesota - Minneapolis; Ingrid M Butler; Desiree Fields, CUNY Graduate Center

3140. New organizing: Constraints, opportunities and contestation in local and regional organizing I (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: *Hudson Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Sandra Zupan, University of Kentucky; Judith Kenny, University of Wisconsin-Milwaukee

CHAIR(S): Sandra Zupan, University of Kentucky

8:00 James DeFilippis*, Rutgers University, *Immigration and Community Development in New York City*.

8:20 Rebecca E Nole*, University of Wisconsin-Milwaukee; Judith Kenny*, University of Wisconsin-Milwaukee, *"All Pull Together": Evaluating Collaboration in Milwaukee's Harambee Great Neighborhood Initiative*.

8:40 Naomi Bartz*, University of Chicago, *"Nothing for Us Without Us": Local Political Responses to Mixed-Income Strategies of Neighbourhood Revitalization*.

9:00 Eleonora Pasotti, Associate Professor*, University of California, *Protest in aspiring global cities: Defending neighborhoods in Santiago, Istanbul, Hamburg and Vilnius*.

Discussant(s): James Fraser, Vanderbilt University

3136. The Future of Historical U.S. Census Data: Charting the Course of the New NHGIS (Sponsored by Geographic Information Science and Systems Specialty Group, Population Specialty Group, Historical Geography Specialty Group)

Room: *Green Room, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Jonathan Schroeder, University of Minnesota

CHAIR(S): Jonathan Schroeder, University of Minnesota

Panelists: David Van Riper, University of Minnesota - Twin Cities; Jonathan Schroeder, University of Minnesota; Christopher Boone, Arizona State University; Robert G. Cromley, University of Connecticut; Lisa Jordan, Florida State University; Peter Nelson, Middlebury College

3137. Migration, Risk and Security: Changing Practices in the Management of International Mobility II

Room: *Harlem Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Andrew Burrige, International Boundaries Research Unit; Dr Martin Geiger, IMIS/Institute for Geography

CHAIR(S): Andrew Burrige, International Boundaries Research Unit

8:00 Jennifer Ridgley*, Center for Place, Culture and Politics, *Securing Citizenship: The Alien Registration Program and the Remaking of the INS*.

8:20 Jill L Harrison*, University of Colorado at Boulder, *Milking illegality: Employers as bordering agents, and the profitable implications of contemporary migration policing within the United States*.

8:40 Andrew Burrige, PhD*, International Boundaries Research Unit, Durham University, *Managing the External Borders of the European Union through Emergency Measures: Frontex and Rapid Border Intervention Teams*.

9:00 De Coulon Giada*, University of Neuchâtel, *Managing the Risk that They Stay Ethnographies of Migration Management Practices Dealing with Failed Asylum Seekers Overstaying*.

9:20 Madeleine Eriksson*, Umeå University, Department of Social and Economic Geography, *Transnational*

3141. Strategies for Sustaining Geography in Merged, Blended, and Multidisciplinary Departments: Part 2, Geography and the Geosciences (Sponsored by Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: *Midtown Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Kenneth Foote, University of Colorado; W Crawford Elliott, Georgia State University

CHAIR(S): W Crawford Elliott, Georgia State University

Panelists: Donald Friend, Minnesota State University; Jeffrey Underwood, University of Nevada; Richard Sambrook, Eastern Michigan University; Clifton Dixon, University of Southern Mississippi; Susy Ziegler, Northern Michigan University

3142. Critical Geographies of Food in the City: Activism and Community

Room: *New York Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Dory Kornfeld, Columbia University; Kimberly Libman, CUNY Graduate Center

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CHAIR(S): Kimberly Libman, CUNY Graduate Center
8:00 Dory Kornfeld*, Columbia University, *Questioning "Edible Citizenship": Food, activism, and claiming rights.*

8:20 Sarah E.L. Wakefield*, University of Toronto; Julie Fleming, Circle Organic Community Farm; Ana Skinner, University of Toronto; Carla Klassen, SPRC Hamilton, *Sweet Charity, Revisited: Institutional Responses to Food Insecurity in Hamilton & Toronto, Canada.*

8:40 Allison N Hayes-Conroy*, Temple University, *Rural Strategies, Urban Struggles: recasting food insecurity among displaced families in Medellin, Colombia.*

9:00 Joana Borrero Luz*, INRS-UCS, *Urban Food Security and Community Governance: A Study of Collective Kitchens in Montreal (Canada).*

Discussant(s): Nathan McClintock, Portland State University

3144. Developing a Conceptual Framework and Best Practices for Community Geography Research and Pedagogy 1: A Focus on University-Community Partnerships (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Conference Room B, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Timothy Hawthorne, Georgia State University;

Kate Derickson, Georgia State University

CHAIR(S): Katherine Hankins, Georgia State University

Panelists: Jonnell A. Robinson, Syracuse University; Timothy Hawthorne, Georgia State University; Heather A Smith, University of North Carolina at Charlotte; Suzanne Walther, Utah Valley University; Jacqueline Housel, Miami University

3145. Geographies of Ottoman and Republican Turkey, 1 - locating the nation-state (Sponsored by Middle East Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Kyle Evered, Michigan State University; Amy Mills, University of South Carolina

CHAIR(S): Kyle Evered, Michigan State University

Introducer: Kyle Evered

8:00 Sezgi Durgun, S.D*, Marmara University, *Emergence of Turkey as a Geo-body: 1930-1950.*

8:20 Neslihan Atatimur*, University of Wisconsin-Madison, *"Draw a line, tell me your enemies": Shifts in the construction of a nationalist ideology via high school geography education in Turkey.*

8:40 Senem Kaptan*, Rutgers University, *Imagining the Turkish "East": Narratives of Soldiers' Mothers on Eastern Turkey.*

9:00 Eda Acara, Ph.D Candidate*, Queen's University, *Colors of the Nation.*

9:20 Didem Turkoglu*, The University of North Carolina at Chapel Hill, *Nationalism on Facebook: "Popular" Attempts of Place Making.*

3146. Bloomberg's 2030 Plan for New York City (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Norma Rantisi, Concordia University; Tom Angotti, Hunter College/CUNY

CHAIR(S): Norma Rantisi, Concordia University

Panelists: Melissa Checker, City University of New York; Tom Angotti, Hunter College/CUNY; Miriam Greenberg, UC Santa Cruz; Peter Marcuse

3148. Spatio-Temporal Data Mining and Visual Analytics (3) (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Diansheng Guo, University of South Carolina
 CHAIR(S): Shih-Lung Shaw, University of Tennessee

8:00 Jing Li*, Department of Geography and GeoInformation Science, George Mason University; David Wong, Department of Geography and Geoinformation Science, George Mason University, *A constraint-based approach to manage 3D spatial temporal data.*

8:17 Bin Li*, Central Michigan University; James Schlafley, Central Michigan University, *Scatterplots for large datasets.*

8:34 Hyowon Ban*, California State University, Long Beach, *Knowledge discovery of choreographic information by statistical counterpoint.*

8:51 Fei Du*, Department of Geography, University of Wisconsin - Madison; Feng Qi, School of Environmental and Life Sciences, Kean University, *Segmenting A-GPS Trajectory Data for Micro-Scale Influenza Transmission Research.*

9:08 Anthony Ierulli*, Hunter College, CUNY, *A Learning Algorithm for Modeling Dynamic Geographic Phenomenon.*

3150. Scenario Methods in Geographic Research (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Mark R. Read, Pennsylvania State University; Kathleen Dietrich

CHAIR(S): Mark R. Read, Pennsylvania State University

8:00 Michelle L Johnson*, University of Maine; Spencer R Meyer, University of Maine; Robert J Lilieholm, Associate Professor, University of Maine; Christopher S Cronan, Professor, University of Maine, *Co-Developing Place-based Scenarios of Alternative Land-Use Futures with Stakeholders.*

8:20 Sam Whitehead*, Texas Tech University; Sam Whitehead, Texas Tech University - Land-use Management, Planning, and Design, *Stakeholder Preference for Future Land-use Scenarios on the Southern High Plains of Texas under Groundwater Depletion.*

8:40 Zhihao Wang*, University at Buffalo; Chris S Renschler, Landscape-based Environmental System & Analysis Modeling (LESAM) Lab, University at Buffalo-State University of New York; Graham S Hayes, Landscape-based Environmental System & Analysis Modeling (LESAM) Lab, University at Buffalo-State University of New York, *Determining the Flood Returning Period with Modeling.*

9:00 Linda O. Mearns, Dr. *, National Center for Atmos. Research, *The NARCCAP Climate Change Scenarios.*

9:20 Mark R. Read*, Pennsylvania State University, *Embracing Uncertainty: The Utility of Scenario Analysis in Climate Change-Security Research and Planning.*

3151. Climate Change Literacy (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Dan Bedford, Weber State University; Lesley-Ann Dupigny-Giroux, University of Vermont

CHAIR(S): John Harrington, Kansas State University

Panelists: Anthony Leiserowitz, Yale University; Seth Baum, Pennsylvania State University; Gavin Schmidt, NASA GISS; Bruce Moravchik, NOAA; Lesley-Ann Dupigny-Giroux, University of Vermont

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Room: Conference Room J, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Carolin Schurr, University of Berne; Nicole Laliberte, Pennsylvania State University
 CHAIR(S): Nicole Laliberte, Pennsylvania State University
 Discussant(s): Dianne E. Rocheleau, Clark University
 Panelists: Caroline Faria, Florida International University; Sara H. Smith, University of North Carolina; Nina Laurie, Newcastle University UK; Linda McDowell, University of Oxford

3153. Doing Geography: Undergraduate Perspectives and Experiences I (Sponsored by Geography Education Specialty Group, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: Conference Room K, Sheraton, Lower Level (Interactive Short Paper Session)
 ORGANIZER(S): JoAnn (Jodi) Vender, Pennsylvania State Univ
 CHAIR(S): JoAnn (Jodi) Vender, Pennsylvania State Univ
 Introducer: JoAnn (Jodi) Vender
8:05 Kelsey E Nyland*, The George Washington University, *From Involvement in Faculty Research to Individual Projects: Undergraduate Arctic Opportunities at The George Washington University.*
8:10 Brian Hall*, The Pennsylvania State University; Michael Karalewich, The Pennsylvania State University, *Undergraduate NGO Development.*
8:15 Kaila McDonald*, University of Utah, *Party in My Department! Mapping Parties as tools for Student Engagement, Outreach and Motivation (A Case Study of the University of Utah's Geography Club and Gamma Theta Epsilon Chapter).*
8:20 Jue Yang*, Middlebury College, *The Art of Synthesizing: How Geography Blew My Mind and Sewed It Back Together.*
8:25 Haiyun Ye*, The Pennsylvania State University, *The Academic Life As a Transfer Student from China.*
8:30 Xinke Cheng*, Pennsylvania State University, *New Life To Be a Transfer in Penn State University.*
8:35 Drew Lehnerd*, *The Great Lakes Storm of 1913: A Hazard Analysis.*

3154. Navigating the Geographies of Food: People, Place, Culture, & Power, I (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Qualitative Research Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Gina Thornburg, Kansas State University
 CHAIR(S): Jill Clark, The Ohio State University
8:00 Molly E Brown, PhD*, NASA; Fabien Tondel, PhD, Chemonics Internation; Jennifer A Thorne, College of William and Mary; Timothy Essam, University of Maryland; Bristol F Mann, University of Louisville; Gary Eilerts, PhD, USAID, *Provisioning in Agricultural Communities: Local, Regional and Global Cereal Prices and local food production across three continents.*
8:20 David Butz*, Brock University; Nancy Cook*, Brock University, *Wheat, Peas, Beans and Barley Grow? Roads, Landslides, Food Relief and the Stuff of Life in Shimshal, Pakistan.*
8:40 Hilda Bryan, M.A. Candidate*, East Carolina University; Holly M Hapke, PhD, East Carolina University, *Shaping a commodity chain: The roles of a state institution and a growers' organization in the sweet potato commodity chain.*

9:00 Gina K. Thornburg*, Kansas State University, *Bonanza? or Bust? on the Land? Effects of Farm-to-School Program Participation on Farmers and Their Communities in Oklahoma.*

9:20 Tim Stallmann*, UNC-CH Dept. of Geography, *Mapping alternative food systems: a community-driven research approach.*

3156. Geospatial Technologies in the K-12 Classroom

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)
 ORGANIZER(S): Valerie Pasquarella
 CHAIR(S): Valerie Pasquarella
 Introducer: Suchi Gopal
8:10 Valerie Pasquarella*, Boston University; Sue Zobel, William H. Lincoln School, Brookline, MA, *Remote Sensing and GIS: Visualizing the Earth and Global Change in the Middle School Classroom.*
8:20 Rose Z Abramoff*, Boston University; Stephanie Selznick, The Curley School K-8, *A digital field guide for an outdoor classroom.*
8:30 Evan Goldman*, Boston University, *Getting Elementary School Students to Think Spatially.*
8:40 Kenneth Takagi*, BU Earth Science, *Incorporating SoilWeb and Google Earth into middle school science curriculum.*
8:50 Michael Cannamela, M.S. Mechanical Engineering*, Boston University, *Activities and Tools for Teaching Contour Mapping in Middle Schools.*
9:00 Christopher B Shing*, Rensselaer Polytechnic Institute; Louis Gutierrez*, Rensselaer Polytechnic Institute; Ron Eglash, PhD, Rensselaer Polytechnic Institute, *Development of Sensor-caching for Environmental GIS with GK-12 classrooms.*

3157. Polanyian Economic Geographies I (Sponsored by Economic Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Jamie Peck, University of British Columbia; Martin Hess, University of Manchester
 CHAIR(S): Jamie Peck, University of British Columbia
8:00 Amy A. Quark*, College of William & Mary, *Contesting Liberal Market Institutions: A Neo-Polanyian Approach to Institutional Change in the World Capitalist System.*
8:20 Carlos Ferreira*, University of Manchester - Manchester Business School, *A Neo-Polanyian approach to interacting scales of governance: the case of markets for biodiversity offsets.*
8:40 Wim Carton*, Lund University, *Climate Change and the Dialectics of the Double Movement.*
9:00 Christopher Muellerleile*, University of Wisconsin-Madison, *Reframing Finance: a Polanyian perspective on the development of derivatives.*
 Discussant(s): Amy Glasmeier, Massachusetts Institute of Technology

3158. Alternative Tourism

Room: Empire Ballroom East, Sheraton, Second Floor (Panel Session)
 ORGANIZER(S): Wendy Cheng, Arizona State University; Laura Pulido, University of Southern California
 CHAIR(S): Wendy Cheng, Arizona State University
 Discussant(s): Vincent Del Casino, University of Arizona
 Panelists: Laura Pulido, University of Southern California; Wendy Cheng, Arizona State University; Sarah Williams, Columbia University; Stephen Hanna, University of Mary Washington; Laura Barraclough, Kalamazoo College; Ryan Griffiths, Nicholas Brown, University of Illinois at Urbana-Champaign

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3159. Soil Science

Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sanpisa Sritrairat, Lamont-Doherty Earth Observatory

8:00 Augustine Avwunudiogba*, Department of Anthropology & Geography, California State University Stanislaus, *Assessment of Soil Degradation in a Tropical Mountainous Watershed used for Slash-and-Burn Cultivation in eastern Mexico.*

8:20 Clayton J. Whitesides*, Texas State University-San Marcos, *Fossorial mammal-induced soil compaction and the impact on subalpine fir germination.*

8:40 Chaozi Wang*, Cornell University; Jin Chen, Beijing Normal University; Jixuan Cai, Beijing Normal University; Ruyin Cao, Beijing Normal University; Ting Zhao, University of Western Ontario; Wei Lin, Beijing Normal University, *Spectral Response of Soil Electrical Conductivity.*

9:00 Dennis V. Eck*, University of Kansas; Daniel R. Hirmas, University of Kansas, *Characterizing Geometries of Preferential Flow Paths in Soils Using Structured-light Laser Scanning.*

9:20 Sanpisa Sritrairat*, The New School Tishman Environment and Design Center; Richard Karty, The New School Tishman Environment and Design Center; P. Timon McPhearson, The New School Tishman Environment and Design Center, *Soil Heterogeneity in Patchy Urban Ecosystems: An Analysis of Soil Carbon, Nutrients and Heavy Metals Distribution in New York City Parkland.*

3160. Geographies of Love I (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Sexuality and Space Specialty Group)

Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Eleanor Wilkinson, University of Leeds; Lynda Johnston, university of waikato

CHAIR(S): Lynda Johnston, university of waikato

8:00 Amaranta Cecchini*, University of Neuchâtel, *Private and Public Spaces of Love: an Ethnography of Infidelity in Virtual Worlds.*

8:20 Jacqui Gabb*, The Open University, *What's love got to do with it? Negotiating home life, love life and the meanings and uses of household space in adult couple relationships.*

8:40 Katie Willis*, Royal Holloway, University of London; Katherine Brickell, Royal Holloway, University of London; Vandana Desai, Royal Holloway, University of London, *Studying geographies of love in Asian cities: Perspectives from Ho Chi Minh, Mumbai and Taipei.*

9:00 Priya Satalkar*, *No 'space' for love.*

3161. Agent-Based Models and Geographical Systems: Methodological Advances

Room: *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Alison Heppenstall; Andrew Crooks, George Mason University

CHAIR(S): Andrew Crooks, George Mason University

8:00 Sanna Iltanen*, Tampere university of technology, *Morphologically structured agent based model of urban retail system.*

8:20 Kenneth Steif, PhD Student*, Dept. of City & Regional Planning, University of Pennsylvania, *Simulating Classroom Evacuation: A Pedagogical Exercise in Agent Based Modeling.*

8:40 David O'Sullivan*, University of Auckland, *Agent-based models: what are they good for? Or: did Schelling really need an ABM?.*

9:00 Paul Torrens*, University of Maryland, *Modeling human movement with machines, muscles, and morsels of data.*

9:20 Hyeyoung Kim*, The Ohio State University; Chulmin Jun, University of Seoul, *Integrating an Agent-based Model with Spatial Databases for Indoor Crowds Simulation.*

3162. Remote Sensing Specialty Group Student Honors Paper Competition I (Sponsored by Remote Sensing Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Sharmistha Swain

CHAIR(S): Sharmistha Swain

8:00 Amy L. McCleary*, University of North Carolina at Chapel Hill, *A Comparison of Support Vector Machine and Object Based Image Analysis Approaches for Mapping Land Use/Cover: A Case Study of the Galapagos Islands.*

8:20 Timothy Howington*, Salem State University, *Application of Remote Sensing to the Estimation of Wildfire Damages.*

8:40 Josh Gray*, UNC-CH Geography, *Mapping leaf area index using spatial, spectral, and temporal information from multiple sensors.*

9:00 Harini Sridharan*, University of Texas at Dallas; Fang Qiu, The University of Texas at Dallas, *Urban Forest Mapping Using WorldView-2 8 Band Imagery.*

3163. Advances in geosciences at the land-ocean interface (Sponsored by Coastal and Marine Specialty Group, Association of American Geographers, Geomorphology Specialty Group)

Room: *Liberty I, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Jun Zhu, UC Santa Barbara; Helenmary Hotz, University of Massachusetts Boston

CHAIR(S): Jun Zhu, UC Santa Barbara

8:00 Ryan Covington*, University of Wisconsin-Milwaukee, *Regulatory science: the geography of human health risk on the Savannah River.*

8:14 Haydee Salmun*, Hunter College - City University, *Statistical Models for Predicting Storm Maximum Storm Surge along the U.S. East Coast.*

8:28 Jean-Marc Zaninetti*, University of Orleans, France, *Coastal hazard and disaster response in France.*

8:42 Harri Tolvanen*, University of Turku; Hanna Luhtala, University of Turku, *Spatio-Temporal Dynamics of Euphotic Depth in a Shallow Coastal Archipelago of the Baltic Sea.*

8:56 Hal Needham*, Louisiana State University; Barry D. Keim, Louisiana State University; David Sathiaraj, Louisiana State University, *Storm Surge Return Periods for the U.S. Gulf Coast.*

3164. Organizational Meeting for a Geographers' Migration Research Network

Room: *Liberty 2, Sheraton, Third Floor* (Meeting Session)

3165. Urban Agriculture I (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Ronald R Hagelman III, Texas State University; Kevin Romig, Texas State University

CHAIR(S): Kevin Romig, Texas State University

8:00 Danielle del Castillo Shelton*, Texas State University Dept of Geography, *Motivations of Producers and Consumers Participating in Urban Community Supported Agriculture (CSA) Groups in Denver, Colorado.*

8:20 Salvatore Engel-DiMauro*, SUNY New Paltz, *Urban Community Gardens and Soil Contamination.*

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- 8:40** Kevin Romig*, Texas State University; Gwendolyn Hustvedt, Texas State University; John C. Bernard, University of Delaware, *Consumer Definitions of "Local" Products.*
- 9:00** Thomas Doerfler*, University of Goettingen; Claudia Globisch*, University of Innsbruck, *Georg Simmel, urban gardening and the end of urban theory as we know it?*
- 9:20** Morgan Apicella*, University of Arizona, *Education and Community Gardens.*
- 3166. Designing Summer Abroad Programs: Challenges and Opportunities (Sponsored by Africa Specialty Group)**
Room: *Liberty 4, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Seth Appiah-Opoku, University of Alabama
 CHAIR(S): Seth Appiah-Opoku, University of Alabama
 Panelists: Peter A. Kwaku Kyem, Central Connecticut State Univ; Seth Appiah-Opoku, University of Alabama; Assefa Mehretu, Michigan State University; Francis Koti, University of North Alabama
- 3167. Migration and Inter-ethnic Relations in Europe (Sponsored by Population Specialty Group)**
Room: *Liberty 5, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder
 CHAIR(S): Jamie Goodwin-White, Oxford University
8:00 Dawid Wladyka*, Universitat Autònoma de Barcelona; Ricard Moren-Alegret, Universitat Autònoma de Barcelona, *Inter-ethnic relations of Polish immigrants in Sagrada Familia neighborhood, Barcelona, and Empuriabrava neighborhood, Castelló d'Empuries (Catalonia, Spain).*
8:20 Eva Gustavsson, PhD*, Örebro University, Centre for Urban and Regional Studies; Anders Trumborg, PhD*, Dalarna University, *Patterns of Segregation in Small Cities - the Case of Borlänge, Sweden.*
8:40 Katja Vilkkumaa*, University of Helsinki, *Moving in or moving out? The impact of selective migration flows on the emergence of multiethnic neighbourhoods in Helsinki, Finland.*
9:00 Jamie Goodwin-White*, Oxford University, *Whose London was burning?*
- 3168. Islam and the Art of Mosque construction in Western Europe: The 4th Annual GORABS Lecture (Sponsored by Geography of Religions and Belief Systems Specialty Group)**
Room: *New York Ballroom East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): David J. Butler, University of Limerick (UL), Ireland; Ceri Peach, Oxford University
 CHAIR(S): David J. Butler, University of Limerick (UL), Ireland
- 3170. Conservation Strategies and Resource Management on Indigenous Lands (Sponsored by Indigenous Peoples Specialty Group)**
Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Jay T Johnson, University of Kansas
 CHAIR(S): Jay T Johnson, University of Kansas
8:00 Brad Coombes*, School of Environment, The University of Auckland, *Self-determination in Indigenous fisheries and conservation? Joint negotiation of customary fishing areas and marine protected areas in New Zealand.*
8:20 Beth Tamayose*, UCLA; Lois Takahashi, PhD, UCLA, *Shaping indigenous geographies: an historical analysis of the effect of changing regulatory structures on Hawaiian land and resource allocation, 1850-1910.*
8:40 Victoria Walsey*, University of Kansas, *Wildlife Protection by Tribal Nations: Using Indigenous Cultural Values and Traditional Knowledge in Management Policy.*
9:00 Diego Astorga De Ita*, LCA-UNAM; Eduardo García-Frapolli, PhD, CIEco-UNAM; Daniel Cohen-Salgado, LCA-UNAM; María Gabriela González-Cruz, BA, CIEco-UNAM, *Conservation through traditional management in a Mayan community of the Yucatán Peninsula.*
- 9:20** Lucero Radonic*, University of Arizona, *Water infrastructure and folkloric geographies: portrayals of scarcity and abundance in Northern Mexico.*
- 3171. Film/TV/Media and Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Daniel Knudsen, Indiana University
 CHAIR(S): Daniel Knudsen, Indiana University
8:00 Stefanie K Benjamin*, University of South Carolina; Derek H Alderman*, East Carolina University, *On Being Black in Mayberry: The Racial Politics of Tourism in Mount Airy, North Carolina.*
8:20 Rudi Hartmann*, University of Colorado, *Tourism Management and the Role of the New Media and Arts at the Anne Frank House in Amsterdam: A Museum and Literary Landscape Goes Virtual Reality.*
8:40 Briavel Holcomb*, Rutgers University, *Art as an agent of tourism in the Hudson Valley.*
9:00 Jonathan Lowell*, University of Texas, *The Camino de Santiago: Text, Embodiment and Landscape.*
 Discussant(s): Paul Kingsbury, Simon Fraser University
- 3172. RCEEE Sponsored Session I: Women and Migrants Mediating Socio-Spatial Change (Sponsored by Russian, Central Eurasian, and East European Specialty Group)**
Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Nathaniel Trumbull, University of Connecticut; Megan Dixon, College of Idaho
 CHAIR(S): Megan Dixon, College of Idaho
8:00 Medea Badashvili*, Tbilisi State University, *"Muslim Women's Identity Issues in post-soviet Georgia".*
8:20 Ekaterina Frolova*, University of Bern, *Feminism, political participation and women's activism in post-Soviet Tajikistan.*
8:40 Sara Thaw*, Department of Peace and Conflict Research, Uppsala University, *Post-Socialist Space: An Assessment of Women Entrepreneurs as Catalysts of Ideological-Cultural Change in the Republic of Slovenia.*
9:00 Aija Lulle*, University of Latvia, *Transnational spaces of goods: on suitcases, market excitements and care from afar.*
9:20 Elena Lukovitskaya*, Novgorod State University, *Women Entrepreneurs in the Novgorod Region of Russia.*
- 3173. Transnational Migration and Borders**
Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Eva Janska
8:00 Francisco J. Llera, Ph.D*, Universidad Autonoma Ciudad Juarez; Ángeles López-Norez, Universidad Autónoma de Ciudad Juárez, *A Comparative Analysis on Cross Border Collaboration. The Case of Ciudad Juarez / El Paso and Frankfurt (Oder) / Slubice.*
8:20 Karine BENNAFLA*, Institut d'Etudes politiques de Lyon, *Rethinking the border through the geography of 'informal' transnational circulation of goods.*
8:40 Robert Christopher Thornett, MS, MA*, Northern Virginia Community College, *Bolivia in Motion: Migration Patterns of a Nation in Flux.*
9:00 Eva Janska, Dr. *, Charles University in Prague, Faculty of Science; Zdenek Cermak, Charles University in Prague, *Distribution and migration of foreigners as a part of the socio-geographical differentiation of Czechia.*

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9:20 Eduardo José Rocha Medeiros*, IGOT, *The Cross-Border Cooperation in the European Union. The Portuguese-Spanish and Swedish-Norwegian cases.*

3174. Changing Landscapes from the Amazon to the Andes I (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Clark Gray, University of North Carolina at Chapel Hill; David Salisbury, University of Richmond

CHAIR(S): Jacqueline Vadjunec, Oklahoma State University

8:00 Jacqueline M. Vadjunec, PhD*, Oklahoma State University, *"This forest is my life-blood": Exploring Complex Relationships Between People and Plants Among Rubber Tappers in the Chico Mendes Extractive Reserve, Acre, Brazil.*

8:20 John O. Browder, Ph.D.*, Virginia Tech; Marcos A. Pedlow, Ph.D., Universidade Estadual Norte Fluminense; Randolph H. Wynne, Ph.D., Virginia Tech, *Rebuilding the Brazilian Rainforest.*

8:40 Brian Godfrey*, Vassar College; Sam Thypin-Bermeo*, *Envisioning Amazonian Frontiers: Place-Making in a Brazilian Boomtown.*

9:00 David S. Salisbury*, University of Richmond; Jacqueline M. Vadjunec, Oklahoma State University; Jay H. Jump, Oklahoma State University; Alexander Cartagena, Universidad Nacional de Ucayali; Jorge W. Vela Alvarado, Universidad Nacional de Ucayali; Grupo de Monitoreo de Megaproyectos de Ucayali, Peru, *Modeling Deforestation of Road and Rail along a Southwestern Amazon Integration Corridor.*

9:20 Susanna Hecht*, University of California Los Angeles, *Deforestation before deforestation: Cauchó and Clearing in the Upper Amazon.*

3175. Assessing climate variability and impacts in western North America I: Streamflow, Hydrology, and Riparian Environments. (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jesse Morris, University of Helsinki; Andrea Brunelle, University of Utah

CHAIR(S): Andrea Brunelle, University of Utah

8:00 Bryce Marston, Ph.D. Candidate*, Kansas State University; Dan Cenderelli, Ph.D., USFS Stream Systems Technology Center; Carol Purchase, USFS Hydrologist: Brush Creek - Hayden District, *Downstream effects of reservoir storage and early high-flow release on a high-altitude meadow stream on the Medicine Bow National Forest, Wyoming.*

8:20 Joshua Fredrickson, Master's Student*, University of Wyoming; Jaqueline J. Shinker, Associate Professor, University of Wyoming, *Hydroclimatic variability and drought in Wyoming headwater regions.*

8:40 Joshua P. Heyer*, University of Wyoming; Joshua A. Fredrickson, BA Physical Geography, University of Wyoming; Jacqueline J. Shinker, PhD Geography, University of Wyoming, *Climate, drought and low stream flow in the headwaters of the North Platte River.*

9:00 IL WON JUNG*, Portland State University; Heejun Chang, Portland State University, *Historical streamflow response to climate change in the Pacific Northwest.*

9:20 Adriana Martinez*, University of Oregon, *Stream Morphology and Invasive Vegetation Interactions: Sprague River, Oregon.*

3176. Critical Geographies of Education I: Colonialism, Race, and New Education Programs and Technologies (Sponsored by Socialist and Critical Geography Specialty Group, Indigenous Peoples Specialty Group, Ethnic Geography Specialty Group)

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Tyler McCreary, York University; Ranu Basu, York University

CHAIR(S): Ranu Basu, York University

8:00 Sheelah R Mclean, PhD Candidate*, University of Saskatchewan, *The Whiteness of Green: Racialization and Environmental Education.*

8:20 Tyler McCreary*, York University, *Mining Aboriginal Success: The Uncanny Politics of Difference in Continuing Education for Industry Needs.*

8:40 Nashwa Salem*, OISE/University of Toronto, *Chronopolitics and Power Reversals: The role of law in education for imagining a violence-free world.*

9:00 Matt Dyce*, The University of British Columbia, Canada *and the Education of Geographical Selves.*

3177. Culture, Identity, and Placemaking in China: I (Sponsored by China Specialty Group, Asian Geography Specialty Group, Cultural Geography Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge

CHAIR(S): Xiaobo Su, University of Oregon

8:00 Mihran Kazandjian*, Kent State University, *Spaces of Identity and Control in Post-Reform China.*

8:20 Andrew Grant*, UCLA, *Emerging economies and social relations among Tibetans in Xining City, China.*

8:40 Dan Choffnes*, Carthage College, *Health Care Choice in Contemporary Beijing: Beliefs, Actions, and Ambiguity.*

9:00 Honggang Xu*, Sun Yat-sen University; Qianfan Zhang, Sun Yat-sen University; Wei Xing, University of Winnipeg, *Between Tourists and Local Residents: a Study of Lifestyle Migrants in Tourism Destinations.*

9:20 Xiaobo Su*, University of Oregon, *Profit, responsibility, and the moral economy of tourism.*

3178. Landscapes of Security

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ninghua Wang, San Diego State/UC Santa Barbara

8:00 Kevin Evringham*, University of Connecticut, *Geographic determinants of American military basing in the Pacific.*

8:20 Revaz Gachechiladze, Professor*, Tbilisi State University, *The Middle East after the "Arab Spring": a political-geographical approach.*

8:40 Nurit Kliot*, University of Haifa, *Sitting the Fence: The Features, Rational Narratives and Landscape of Bounded Spaces in Israel.*

9:00 Ninghua Wang*, San Diego State/UC Santa Barbara; Fangming Du*, San Diego State University, *Abstract: How to treat your nearby and distant neighbors? A comparison of two strategies using a simulation approach.*

3179. The Evolving Landscape of HIV/ AIDS (Sponsored by Health and Medical Geography Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jennifer L. Alexander; Renata Ponte

CHAIR(S): Jennifer L. Alexander

8:00 Renata Ponte*, University of Texas at Austin, *Brazil's HIV/AIDS Model: Is It Working for Fortaleza? - Spatial Analysis of HIV/AIDS.*

8:20 Cynthia Pope, Ph.D.*, Central Connecticut State University, *Confronting Policies of Discrimination: Living with HIV/AIDS in Belize.*

8:40 Mara Hedrich*, University of North Texas; Joseph Oppong,

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PhD, University of North Texas, *Wealth Gap-Health Gap and HIV in Adults Over 50 Years in Texas*.

9:00 Stephanie Elizabeth Heald*, University of North Texas, *HIV/AIDS Survival in Dallas and Harris Counties, Texas*.

9:20 Kristina Bishop*, University of Arizona, *Integration without Understanding? Why we can't do one without the other in the case of South African traditional medicine*.

3180. Geographies of Sport

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daniel McGowin, Alabama State University

8:00 Neil Conner*, University of Tennessee, *The Celtic Diaspora: Identity, Football and Global Cultural Flows*.

8:20 Andrew F. Clark*, McMaster University; Darren M. Scott, McMaster University, *Barriers to Organized Sport Participation: A Case Study from Hamilton, Canada*.

8:40 Theodore L. Goudge, Ed.D.*, Northwest Missouri State University, *College Football Super Conferences, Past, Present & Future: Another Look at Rooney's Recruiting Game*.

9:00 Nicholas Wise*, Kent State University, *Transcending Imaginations through Football Participation and Narratives of the Other: Haitian National Identity in the Dominican Republic*.

9:20 Daniel McGowin*, Alabama State University, *The Imaginative Geographies of College Football Conferences*.

3181. Neoliberal Planning: Crisis, Contestation, Alternatives I (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Guy Baeten; Tuna Tasan-Kok, TU Delft
CHAIR(S): Guy Baeten

8:00 Tuna Tasan-Kok*, University of Utrecht, Roosevelt Academy; Ayda Eraydin, Prof.Dr., Middle East Technical University, *Stepping into the same river? Changing nature of land and property market-based urban social movements in Istanbul*.

8:15 Toon Dirckx*, KU Leuven, *Neoliberalism and the rise of commercial developers in housing construction in Belgium*.

8:30 Mark Oranje, Professor*, University of Pretoria, *An ethnographic study of "the new generation of South African planners": Neoliberal, just new or what?*.

8:45 Melis Oguz*, *Gentrification as a Blanket Concept: A Tale of Resisting and Contesting Neoliberal Urbanization Programmes*.

9:00 Ismael Yrigoy*, Sònia Vives*, University of Balearic Islands, *Mega-projects, tourism and crisis in Mallorca: Time for a shift?*.

Discussant(s): Jan Van Weesep, University of Utrecht

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Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): James A. Ketchum, Association of American Geographers

CHAIR(S): Patricia Hackbarth, scenechanges.org

10:00 Patricia Hackbarth*, scenechanges.org, *Reading Aldo Leopold in the Age of Landsat*.

10:15 Philip Govedare, Professor of Fine Art, University of Washington*, University of Washington, *Evolving Interpretations of Wilderness*.

10:30 Martin Hogue*, department of landscape architecture, *Camping and the City: Adventures on the Urban Periphery*.

10:45 Mark Luccarelli, PhD*, University of Oslo, *The Hudson River Valley: The Making of a Symbolic Landscape*.

11:00 Tyra A. Olstad*, Kansas State University, *Artists and Residence: Developing a Sense of Place*.

Discussant(s): Sarah Luria, College of the Holy Cross

3202. Capital Cities 2: Visuality, Ruins and Nostalgia (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Karen E. Till, NUI Maynooth; Heike Mayer

CHAIR(S): Anna Kaisa Kuusisto-Arponen, University of Tampere

10:00 Steven Hoelscher*, University of Texas, *Capital Cities in a Visual Archive: Magnum's Geographies*.

10:20 Salla Jokela*, Academy of Finland/University of Helsinki,

Capital Landscapes of the National Mind.

10:40 Cecilia I. Aldarondo*, University of Minnesota, *The Sky is Falling: Architectural Ruin and Daily Life in Recent Cuban Documentary*.

11:00 Cian O'Callaghan*, NUI Maynooth, *Crisis and Dereliction in 'Namaland': Renegotiating Ireland Through the 'Pre-Ruins' of the Post-Celtic Tiger*.

Discussant(s): Stephen Daniels, University of Nottingham

3203. Reframing Islandness I: Thinking with the Archipelago (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Joseph Palis, North Carolina State University; Elaine Stratford, University of Tasmania

CHAIR(S): Elaine Stratford, University of Tasmania

10:00 Elaine Stratford, PhD*, University of Tasmania; Carol Farbotko, PhD, University of Wollongong; Heather Lazrus, PhD, National Centre for Atmospheric Research, *Eight Standing Together: Tuvalu's Archipelagic Challenge To Climate Migration As A 'Nation-States Affair'*.

10:20 Godfrey Baldacchino*, University of Prince Edward Island, *Archipelago Tourism*.

10:40 Elizabeth N. McMahon, PhD*, University of New South Wales, *Archipelagoes Unlimited: A Mobile Model of Archipelagic Space*.

11:00 Elizabeth Straughan*, Aberystwyth University, *Mobility and Rhythm in the Inner and Outer Hebrides: archipelago as artist research site*.

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- 3204. Environmental Finance as Environmental Governance in the Global Economy (Sponsored by International Finance and Economics Special Session Track, Economic Geography Specialty Group)**
Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Janelle Knox-Hayes, Georgia Institute of Technology
 CHAIR(S): Janelle Knox-Hayes, Georgia Institute of Technology
10:00 Yvonne Franz*, Department of Geography and Regional Research, University of Vienna, *Urban Renewal Through Public Private Partnerships*.
10:15 Britta Klagge*, University of Osnabrueck; Zhigao Liu, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Science, Beijing, China; Pedro Campos Silva, Institute of Geography, University of Osnabrück, Germany, *Constructing China's Wind Energy Innovation System*.
10:30 Patrick Bottazzi*, Centre for Environment and Development, University of Bern; Jean-Paul Benavides, Centro de Estudio de la Realidad Economica y Social, Bolivia; David Crespo, Centro de Estudio de la Realidad Economica y Social, Bolivia; Marcelo Clavijo Serrudo, Agroecologia Cochabamba, AGRUCO; Harry Soria, Centro de Estudio de la Realidad Economica y Social, Bolivia; Hector Udaeta Larrazabal, Centro de Estudio de la Realidad Economica y Social, Bolivia; Stefan Schwarzer, UNEP, GRID; Angel Aguilar, Agroecologia Cochabamba, AGRUCO; Stephan Rist, Centre for Environment and Development, University of Bern, *Carbon sequestration in community forests: trade-offs and synergies of multiple outcomes and institutional diversity in the Bolivian Amazon*.
10:45 Johanna Anz*, University of Osnabrueck, Germany, *The financialization of wind energy? A comparison between Germany and the United States*.
11:00 Eric F Lambin, PhD, Stanford University; Ximena Rueda, PhD*, Stanford University, *Linking globalization and local land-uses: How market trends are shaping the Colombian coffee landscapes*.
 Discussant(s): Sarah E Knuth, UC - Berkeley
- 3205. Slavery and Memory 1: War in the U.S. and Its Connection to Remembering Slavery (Sponsored by Study of the American South Specialty Group, Social Justice, Media, and Human Rights Special Session Track)**
Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University
 CHAIR(S): E Arnold Modlin Jr
 Introducer: E Arnold Modlin Jr
10:05 Patricia Davis*, Georgia State University, *Memoryscapes in Transition: Space, Place, and African American Memory*.
10:25 Doris Essah*, *American Revolution, Methodist Episcopal Religions, Prospects of Intellectual Africans Constituting a Nation*.
10:45 James Loewen, Ph.D. Sociology*, Univ. of IL, *Slavery, Amnesia, and Secession*.
11:05 Ethan Kytel*, California State University, Fresno, *Remembering the Fight, Forgetting its Meaning: Slavery and Civil War Commemoration in Charleston, SC, 1961-2011*.
 Discussant(s): E Arnold Modlin Jr
- 3206. Policing and Incarceration (Part of the Social Justice, Media, and Human Rights Special Session Track)**
Room: Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Shaul Cohen
10:00 Laura Pangallozzi*, Rutgers, *City-Suburban Boundaries and Local Policing*.
10:20 Farid Nourani, Dr*, Institute of Geosciences and Exact Sciences, UNESP - Univ Estadual Paulista; Maria Isabel Castreghini de Freitas, Dr., Institute of Geosciences and Exats Sciences, UNESP - Univ Estadual Paulista; Magda Adelaide Lombardo, Dr., Institute of Geosciences and Exact Sciences, UNESP - Univ Estadual Paulista, *Geographical Information Technologies at public managers service for urban violence control policies at Administrative Region of Campinas, SP-Brazil*.
10:40 Judah N. Schept, Ph.D., Assistant Professor*, Eastern Kentucky University, *(Counter) Carceral Cartographies: Imagining and Contesting Incarceration Expansion*.
11:00 Shaul Cohen*, University of Oregon, *Beyond Three Hots and a Cot: The Making of Places in Placeless Prisons*.
- 3207. Geography and Diversity: Teaching to cultural and learning diversities in the lower division geography classroom (Sponsored by Geography Education Specialty Group, Community College Affinity Group)**
Room: Concourse G, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Sarah Goggin
 CHAIR(S): Sarah Goggin
 Panelists: Sumanth Reddy, Coppin State University; Erin H Fouberg, Northern State University; Bruce L Seivertson, Imperial Valley College; Michelle D Sievertson; Melody W Crenshaw, Northwest Vista College; Diana Casey, Muskegon Community College
- 3208. Geopolitics of Nature and Sustainability**
Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jacob Campbell, University of Arizona
10:00 Ari Jokinen*, School of Management, University of Tampere, Finland, *Building a flagship for making a policy issue: Viola uliginosa and the geopolitics of nature*.
10:20 Benjamin Shender*, Shawnee State University, *How things fall apart: Diminishing returns as an emergent feature of expansive complex systems*.
10:40 Bradley Austin*, Kent State University, *Toward Understanding Performed Spaces Embedded Within and Borne Out of Weather: The Beginnings of The Towearthness Project*.
11:00 Kara M Roopsingh*, The University of the West Indies; Rowena Butland, Dr., University of South Australia, *Community boundaries of exclusion: Investigating the cultural landscape of Arima, Trinidad*.
11:20 Jacob Campbell*, University of Arizona, *Cultural geographies of resource making in southern Trinidad*.
- 3210. CITY Sessions (2): The Uses and Abuses of 9/11**
Room: Clinton Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Kurt Iveson; Bob Catterall, CITY
 CHAIR(S): Kurt Iveson
 Discussant(s): Peter Marcuse
 Panelists: Bob Catterall, CITY; Nasser Abourahme, Columbia University; Eduardo Mendieta

SUNDAY, FEBRUARY 26 • 10:00 AM - 11:40 AM • 3200**3211. Evolutionary Economic Geography IX - Agglomeration, Externalities, Growth, and Resilience (Sponsored by Regional Development and Planning Specialty Group, Economic Geography Specialty Group)***Room:* Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University College Dublin; David Rigby, UCLA

CHAIR(S): Dieter Franz Kogler, University College Dublin

10:00 Ron Boschma, Utrecht University; Rikard H Eriksson*, Umea University; Urban Lindgren, Umea University, *Labour market externalities and regional growth. The importance of labour mobility between skill-related industries.***10:20** raphael Suire, Crem, University of Rennes France; Jerome Vicente*, University of toulouse, *Clusters for life or life cycles of clusters In search of the critical factors of cluster resilience.***10:40** Rory Horner*, Clark University, *Knowledge geography, the Trade Related Aspects of Intellectual Property Rights (TRIPs) Agreement and the development of India's pharmaceutical industry.***11:00** Anders Larsson*, Göteborg University, *Regional path dependency and technological change: the case of the automotive crash-safety sector in Västra Götaland, Sweden.*

Discussant(s): Andy Pike, Newcastle University

3212. In Appreciation of Clyde Woods: A Conversation On Race, Geography, Community Activism and the Blues*Room:* Gramercy Suite A, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Laura Pulido, University of Southern California; Katherine McKittrick, Queen's University

CHAIR(S): Katherine McKittrick, Queen's University

Panelists: Bobby Wilson, University of Alabama; Katherine McKittrick, Queen's University; Edward Soja, UCLA; Ruth Wilson Gilmore, CUNY Graduate Center

3213. Finding Progressive Possibility through Historical Research (Sponsored by Historical Geography Specialty Group)*Room:* Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Eve Vogel, University of Massachusetts - Amherst

CHAIR(S): Eve Vogel, University of Massachusetts - Amherst

10:00 Eve Vogel, PhD*, University of Massachusetts - Amherst, *Is There Room for Progressive Political Change, even in Large Technical Systems? How to Uncover Hope, through a History of Pacific Northwest Electrical Transitions.***10:20** Declan Cullen*, Syracuse University, *What to do about Newfoundland?.***10:40** Ted White*, University of Massachusetts Amherst, *A Good Enough Utopia: Following Possibility in Social Movements Past to Present.***11:00** Kris Alexanderson, PhD*, Department of History & Politics, Drexel University, *History and Geography: Navigating New Theoretical Waters.*

Discussant(s): Robert D. Johnston

3214. Rethinking technology and sustainability in the space economy #2: Clusters and technological innovation systems (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)*Room:* Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): James Murphy, Clark University; Lars Coenen, Lund University, Sweden

CHAIR(S): Bernhard Truffer, Eawag

10:00 Christian Schulz*, Université du Luxembourg, *Eco-Clusters and Green Growth - The New Mantra for Regional Development?.***10:20** Franz Huber*, University of Southampton, *Can Motorsport Valley drive us green?.***10:40** Jorrit Gosens*, State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences; Yonglong Lu, Prof. Dr., State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, *The formation of Technological Innovation Systems in catch-up economies: interaction with foreign matured TIS in the formation of Chinese renewable power TIS.***11:00** Peter Kedron*, State University of New York at Buffalo; Sharmistha Bagchi-Sen*, SUNY-Buffalo, *The role of industrial policy and environmental governance in the spatio-temporal evolution of regional energy landscapes.*

Discussant(s): Lars Coenen, Lund University, Sweden

3215. Geographies of Extractive Industries II: Institutions (Sponsored by Cultural and Political Ecology Specialty Group)*Room:* Madison Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Jessica Budds, The Open University

CHAIR(S): Jessica Budds, The Open University

Introducer: Tom Perreault

10:05 Jacque (Jody) Emel*, Clark University; Heladius Makene, Clark University, *Tanzania's Post-colonial, Post-socialist State and Its Implications for Resource-based Development.***10:25** Kelsey Peterson*, University of Guelph; Benjamin Bradshaw, Ph.D., University of Guelph, *Institutional Arrangements and Benefit Capture: the Community Experience(s) of Mining in Baker Lake, NU.***10:45** Murat Arsel*, Erasmus University Rotterdam (ISS), *One barrel of oil underground is better than two at the pump? Exploring the alchemic political ecologies of Ecuador's post-neoliberal development strategy.***11:05** Emilie Cameron*, Carleton University; Warren Bernauer, York University, *Accumulation, Dispossession and Self-Determination: Wage Labour and the Expansion of Industrial Resource Extraction in Nunavut.***3216. The American Community Survey: 2012 and Beyond (Sponsored by Applied Geography Specialty Group, Population Specialty Group, Transportation Geography Specialty Group)***Room:* Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Nancy K. Torrieri, U.S. Bureau of the Census

CHAIR(S): J. Trent Alexander, U.S. Bureau of the Census

10:00 Nancy K. Torrieri, Ph.D.*, U.S. Bureau of the Census, *Update on the American Community Survey.***10:20** Anna M. Owens*, U.S. Bureau of the Census, *Getting and Using the Latest ACS Data Products.***10:40** J. Trent Alexander*, U.S. Bureau of the Census, *ACS Microdata: What Users Need to Know.***11:00** Alison K. Fields, PhD*, U.S. Bureau of the Census, *Meeting Special ACS Data Needs: Migration Product Plans, Commuting Data, and the Census Transportation Planning Package.***3217. Baroque Geographies***Room:* Murray Hill Suite A, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Harriet Hawkins; John Paul Jones, University of Arizona

CHAIR(S): Deborah Dixon

Panelists: Francis Harvey, University of Minnesota - Minneapolis; Ben Anderson, Durham University; Susan Ruddick, University of Toronto; John R Allen, The Open University

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3218. Geographies of Media 7: Visualising the Visceral I, Film as a Research Output (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group, Communication Geography Specialty Group)

- Room:** Murray Hill Suite B, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Christopher Lukinbeal, University of Arizona; Jessica Jacobs, Royal Holloway University of London
- CHAIR(S): Joseph Palis, North Carolina State University
- 10:00** April Baptiste*, Colgate University, *Using film to explore climate change perceptions.*
- 10:20** Rosemary-Claire Collard*, University of British Columbia, *Life, death and electric elephants.*
- 10:40** Juliet J Fall*, University of Geneva, *Muddling along with cameras: making moving geographies.*
- 11:00** Pavithra V. Kathanadhi*, University of North Carolina, Chapel Hill, *Visual Explorations of the Legacy of Environmental Justice in Warren County, NC.*
- 11:20** Jessica Jacobs, Dr*, Royal Holloway University of London, *Visualising the Intangible: collaborative creative filmmaking and the creative industry of heritage production.*

3219. Children and young people's everyday politics II (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

- Room:** Nassau A, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): David Jones Marshall, University of Kentucky; Kirsi P. Kallio, University of Tampere
- CHAIR(S): David Jones Marshall, University of Kentucky
- Introducer: Sofia Cele
- 10:20** Annie Bartos, PhD*, *"Breaking up, making up, and being together: the social nature of children's political agency".*
- 10:40** Katharyne Mitchell*, University of Washington; Sarah Elwood, Professor, University of Washington, *Children's Politics and Civic Engagement: Past, Present, and Future.*
- 10:48** Kirsi P. Kallio, Dr*, University of Tampere, *Bridging children's political worlds.*
- Discussant(s): Sarah Elwood, University of Washington; Fiona M. Smith

3220. Implications of Environmental Change in China

- Room:** Nassau B, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Shuhai Zhang
- 10:00** Qing Ying*, Department of Geography, University of Maryland College Park; George C Hurtt, Department of Geography, University of Maryland, College Park; Louise Parsons Chini, Department of Geography, University of Maryland, College Park; Justin P Fisk, Department of Geography, University of Maryland, College Park, *A Perspective on Afforestation Strategy in China toward IPCC-AR5.*
- 10:20** Pu Wang*, Cornell University; James Lassoie, Cornell University, *Assessing Wealth-Loss Impacts of Large Hydropower Dams on the Upper-Mekong River, China.*
- 10:40** George Botjer*, University of Tampa, *The Law of the Sea Treaty and the Destabilization of Maritime Boundaries in the China Seas.*
- 11:00** Tao Ye*, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University; Ming Wang, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University; Yangbin Liu, Academy of Disaster Reduction and Emergency Management, Beijing Normal University; Man Li, Academy of Disaster Reduction and Emergency Management, Beijing Normal University, *On the metric and socioeconomic factors regarding risk attitude: investigation with*

experimental approach in Wuhan, China.

- 11:20** Shuhai Zhang*, PhD; Changchun Feng, Professor, *Intensive Land Use Evaluation: A Chinese Attempt to Cope with Inadequate Construction Land Supply-Case Study of National Development Zone in Beijing.*

3221. GIS: Cases and Applications

- Room:** Regent Parlor, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Matt Rice, George Mason University
- 10:00** Nathaniel Royal*, University of California Santa Barbara, *Classification Tree and Cluster Analysis in a GIS.*
- 10:20** Khila Dahal*, Dept. of Geography, Texas State University, *Urban growth simulation: A case of San Marcos, Texas.*
- 10:40** Jeremy Wimpey, Dr*, Applied Trails Research; Jeff Marion, Dr., Virginia Tech, United States Geological Survey, *Trail Design, Assessment and Management in a Virtual World: Applications of GIS and LiDAR on Recreational Trails.*
- 11:00** Brandon M Shore, Dept. of Geography & Geoinformation Science, George Mason University; Matt Rice*, George Mason University; Fabiana Paez, Dept. of Geography & Geoinformation Science, George Mason University, *Organizational factors and design considerations for an accessibility-based VGI application.*
- 11:20** Rutherford Platt*, Gettysburg College, *Abstract.*

3222. Human Geography

- Room:** Rhinelander Gallery, Hilton, Second Floor (Poster Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Karen Johnson-Webb, Bowling Green State University
- Christopher Angel*, University of Arkansas, *The B'doul and Umm Sayhoun: Culture, Geography, and Tourism.*
- Mary Raycraft*, Univ. Cincinnati, *Boomtown: Learning Lessons from the Past.*
- Minting Ye*, Michigan State University; Igor Z Vojnovic, Michigan State University, *Exploring the Physical and Social Transformation of Hong Kong from 1986 to 2006.*
- Allyssa Sobey*, University of North Texas; Matthew Fry, Ph.D., University of North Texas, *'Gas'roots Movements in North Texas: An Analysis of Gas Drilling Resistance.*
- Javier E. Pena*, Universidad de los Andes, *Smugglers and Pirates in the Pacific.*
- Juliana Emy Carvalho Tanaka*, UNESP, *The Brazilian insertion in the international regimen in the New Republic and its impacts in the space organization.*
- Abra K Sitler, exchange student*, West Virginia University, *Gender relations in southern and eastern Africa.*
- Derrick W Lashua*, UW-Oshkosh McNair Scholars Program, *Sudanese Refugee Perspectives on the Emergence of South Sudan.*
- Michael A. Webster, Cartographer, SF Planning Department; Teresa Ojeda*, SF Planning Department; Aksel K. Olsen, Geographer/Planner, SF Planning Department, *The Changing Face of San Francisco.*
- Cristina R L Benton*, Michigan State University; Igor Vojnovic, PhD, Michigan State University, *Gentrification and the Public Investment in the Infrastructure of Play in Chicago.*
- Brandon Duxbury*, Shippensburg University, *The Olympic Games as a Catalyst for Urban Revitalization: Transportation Changes in Vancouver as a Result of Hosting the 2010 Winter Olympics.*
- Toni Menninger*, University of Arkansas, *Quantifying land consumption using RS and Census block data.*
- Shaolu Yu*, University of Connecticut; Carol Atkinson-Palombo, Professor, University of Connecticut, *Neighborhood*

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Changes near Light Rail Transit Stations in Phoenix, Arizona.

- Dimka S Aleksandrova*, Binghamton University, *Community Comparison of Lead Poisoning Levels in Chicago.*
- Joseph M Simanis*, University of Illinois Urbana-Champaign, *Concentration and Dispersion of Primary Care Physicians in the Chicago Region: Implications for Access to Care.*
- Carolina Tovar Vargas*, Universidad de Los Andes - Bogotá - Colombia, *Spatial segregation and the access to education services in Bogota, Colombia.*
- Robert Brown, University of Sunderland; Basagaitz Guerenzo-Omil, PhD, University of Sunderland; Kevin M Hannam, Professor*, University of Sunderland, *Geographies of Migrant Students: Mobility and Employability in the North East of England.*
- Allison R Starr*, Keene State College; Mariana Kouchinsky, Keene State College; Jonathan Elias, Keene State College; Todd Metzler, Keene State College, *Milford Plans to Play.*
- Marina Del C. Medina*, University of Puerto Rico, Rio Piedras Campus, *Mapping the pro-Commonwealth and pro-Statehood votes in the general elections in Puerto Rico since 1960.*
- Nicole M. Romero*, *Population Dynamics of Puerto Ricans.*
- Shannon Culligan; Shervin Fekri; Judith Kleibl; Daniel Solow*; Marianne Verhoeven, *Students on the water: an empirical analysis of houseboat living.*
- Kevin Contino*, SUNY Geneseo, *Communities of Resilience: Population Stability in Rural Communities of New York State.*
- Timothy LeDoux*, Michigan State University, *The Decentralization of Retail Chain Supermarkets in Metropolitan Detroit, Michigan (1970 - 2010).*
- Allison M. Williams, PhD*, McMaster University; Peter Kitchen, PhD, McMaster University; Jeanette Eby, BA, McMaster University, *Alternative Health Care in Ontario, Canada: A Geographic and Socio-Demographic Analysis.*
- Jonathan B Rodriguez*, University of North Texas; Joseph Oppong, Professor, Professor/Mentor, *Epidemiology of HIV Prevalence in Texas in the 25-49 Age group.*
- Zeenat Kotval*, Michigan State University; I Vojnovic, Michigan State University; P Varnakovidia; J Lee; M Ye; J Messina, Michigan State University, *Studying the Impacts of Urban Form on Travel Behavior and Pedestrian Activity in the Lansing Regional Context.*
- Keith A Bremer, PhD*, Texas State University - San Marcos, *Urban Environmental Behavior and Its Impact on New Urbanist Communities.*
- John E. Bodenman*, Bloomsburg University, *The Spatial Dynamics of the Investment Advisory Industry: The Case of New York City, 1983-2010.*
- Paul Marr*, Shippensburg University, *The Geography of the British Motorcycle Industry: 1896-2004.*
- Patrick Threatt*, University of Cincinnati, *Home Runs in the City: Corporate attempts to revive baseball in American inner cities.*
- Grant Collier*, James Madison University, *Opportunities and Challenges for Urban Growth Boundaries: A Case Study of Harrisonburg, Virginia.*
- Kazimierz J Zaniewski*, University of Wisconsin, *Demographic Trends in the United States and Canada, 2000-2010.*
- Jonathan Schroeder*, University of Minnesota, *U.S. county population trends, 1790-2010: New perspectives using spatially standardized data.*
- Dr. Lesli Rawlings*, Wayne State College, *Population Loss and the Representation of Girls and Boys Sport Cooperatives in Nebraska.*
- Karen Johnson*, Central Connecticut State University, *Connecticut's Aging Population and Location of*

Nursing Homes.

- Melanie Keil*; Wolfgang Kern, *Graying of American and European population.*
- Mark M. McCormack, M.T.S.*, Vanderbilt University, *Religious Tolerance in the American South: A Qualitative Study.*
- Jerry T Mitchell, PhD*, University of South Carolina; Elbie Bentley, University of South Carolina, *Religious Diversity in South Carolina.*
- John Morgan*, Emory & Henry College, *Early Modern Brick Manufacturing in the South.*
- Will Brewer*, Texas Tech University, *Effects of school closures in Lubbock, Texas.*
- Karen D Johnson-Webb, Ph.D.*, Bowling Green State University, *Race and Ethnic Occupational Niches in the Toledo, Ohio Labor Force, 2000.*
- Robert B. South, Ph.D.*, Department of Geography, University of Cincinnati; Changjoo Kim, Ph.D., Department of Geography, University of Cincinnati; Yucong Haung, Department of Geography, University of Cincinnati, *U.S. Manufacturing Location Decisions in China.*

3223.

Using Spatially Explicit Simulated Data for Modeling and Geovisualization (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group)

Room:

Sutton Parlor Center, Hilton, Second Floor (Interactive Short Paper Session)

ORGANIZER(S): Jennifer A Miller, University of Texas at Austin
CHAIR(S): Jennifer A Miller, University of Texas at Austin

10:00 Jennifer A Miller*, University of Texas at Austin, *Virtual Biogeography: Using simulated data as a species modeling tool.*

10:05 Paul Holloway*, UT at Austin; Jennifer Miller, Dr, University of Texas at Austin, *Using simulated data to explore the effects of sampling strategy and density on species distribution models.*

10:10 Denis J Dean, Dr.*, University of Texas at Dallas, *Simulated Data, Monte Carlo Methodologies, and the Nature of Uncertainty.*

10:15 David Stinchcomb*, University of Maryland and Westat Inc.; In-Young Yeo, University of Maryland, *Use of Simulated Population Mobility Data for Geospatial Analysis of Health Data.*

10:20 Frederic Rousseaux*, CNRS/Universite de La Rochelle; Nathalie Long, CNRS, *An agent based model to simulate the evolution of urban structures The case study of Nantes-Métropole, France.*

10:25 David Massey*, The Ohio State University; Ola Ahqvist, The Ohio State University, *Expert and Non-Expert Decision Making in a Participatory Game Simulation: A Farming Scenario in Athienou, Cyprus.*

10:30 Nathan Reigner*, Park Studies Lab, University of Vermont; Jeremy Wimpey, Applied Trails Research; Robert Manning, Park Studies Lab, University of Vermont, *Developing Spatial Metrics for Crowding and Recreation Experiences.*

3225.

Institutions and cultural economies: converging or diverging approaches to firms, markets and practices?

Room:

Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): James Faulconbridge, Lancaster University; Sarah Hall, University of Nottingham

CHAIR(S): James Faulconbridge, Lancaster University

10:00 Sarah Hall*, University of Nottingham; James R Faulconbridge, Lancaster University, *(Re)producing elite subjectivities within the City of London: cultural economy and institutional approaches.*

10:20 Martina Fuchs*, University of Cologne, Faculty of Management, Economics and Social Sciences, *Patterns of collective interpretation: A conceptual link between institutions and cultural economies.*

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10:40 Benjamin Coles, PhD*, University of Leicester, *Placing Chickens in Camberwell: Economic Geography Beyond Production and Consumption.*

11:00 Elena Zukauskaitė*, Circle, Lund University, *The creation of new institutions: Processes and characteristics.*

11:20 Chris Gibson*, University of Wollongong, Australia, *"A country that makes things": the national economy as constitutive project.*

3229. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies II (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Mercury Ballroom, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Elizabeth Mack, Arizona State University; Kevin Stolarick, University of Toronto

CHAIR(S): Kevin Stolarick, University of Toronto

10:00 Yasuyuki Motoyama*, Kauffman Foundation, *The Geography of Gazelle Firms: Geographic Analysis of Fast-Growing Inc 500 Firms.*

10:20 Shaoming Cheng*, Florida International University, *Survival of New Home-based Businesses.*

10:40 Sharon C. Cobb*, University of North Florida, *Evolution of finance and industry in small island economies.*

11:00 Elizabeth A Mack, Ph.D.*, Arizona State University, *Whither Location? The Spatially Varying Impacts of Broadband on Firm Location.*

11:20 Luis F Alvarez*, UCLA, *Cloudy Skies Ahead: How the Internet is Transforming the Space-Economy.*

3230. Sustainable Communities 2

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University
CHAIR(S): Terry Marsden, Cardiff University

10:00 Nicole Holzapfel*, Wilfrid Laurier University, *Growing food, growing empowerment and health: How sustainable food systems spaces can nurture sustainable communities with strong kids.*

10:20 Patricia Ballamingie, Ph.D.*, Carleton University; Sarah M. L. Walker, MA Candidate, Carleton University, *Operationalizing Just Food: Analysis of the Greens Creek Farm Proposal.*

10:40 Sarah W James*, Macquarie University, *Retro-fitting the city for agriculture? Creating an evidence base for optimism.*

11:00 Alison Blay-Palmer, PhD*, Wilfrid Laurier University, *Fostering regenerative food systems: Exploring a bioregional focus.*

3231. Geography Beyond the Classroom

Room: Petit Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Tracy L Edwards, Frostburg State University
10:00 Sigrid Peterson*, University of Wisconsin-Madison Department of Geography, *Public Geography, Scholar-Citizens, and Scholar-Activists: "The Wisconsin Winter" as a Lens on a Longstanding Disciplinary Debate.*

10:20 Bob Larsen, Ph.D., Government Partnerships Program, Texas State University-San Marcos; James Vaughan, Ph.D.*, Government Partnerships Program, Texas State University-San Marcos, *Making Geography Relevant - Going Beyond Conventional Internships.*

10:40 Linda Lea Jones*, Texas Tech University, *Just Crazy Enough To Teach Geography While Traipsing Through Eastern Europe.*

11:00 Reed Tomlinson, Founder, EduContribution Inc.*, *"Helping Educators Help Nonprofits".*

11:20 Tracy L Edwards*, Frostburg State University, *Celebrating 100 Years of Girl Scouts.*

3232. Social Cohesion and Sustainable Development: Finding Missing Links through Comparative Analysis?

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Carmen Maganda, University of Luxembourg

CHAIR(S): John Agnew, University of California - Los Angeles

10:00 James W Scott*, University of Eastern Finland, *The Political and Philosophical Dilemmas of "Smart Growth" and Similar Approaches.*

10:15 Stephanie J. Buechler, Dr.*, University of Arizona; Eleanor McCallum, University of Arizona; Francisco Alvarado, University of Arizona; Ashley Schmeltzer, University of Arizona; Christopher Scott, Dr., University of Arizona; Stephen Yool, Dr., University of Arizona, *Tackling Urban Heat Island Effects in an Arid City: Knowledge Sharing and the Replication of Adaptation Techniques among Water Users.*

10:30 Valérie Lavaud-Letilleul*, University of Montpellier 3, *The missing pillar of Sustainable Development. The links between social, environmental and economic issues in the case of port development.*

10:45 Claire Martinus*, USTL (France) & UMons (Belgium), *Is positive discrimination in Nepal a solution towards sustainable development?*

11:00 Bernard Debarbieux*, university of Geneva, *The Instrumentalization of tourism development for social cohesion.*

11:15 Paul Moody*, University of Luxembourg, *Social Economy + Social Capital = Social Sustainability.*

3235. The inner-conference 2

Room: East Suite, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Brandon B Derman, University of Washington
CHAIR(S): Brandon B Derman, University of Washington
Discussant(s): Heather McLean, York University
Panelists: Brandon B Derman, University of Washington; Christian Anderson, The City University of New York - Graduate Center; Patrick Vitale, University of Toronto

3236. Communication Geography: a view from across the Interdisciplinary Divide (Sponsored by Communication Geography Specialty Group)

Room: Green Room, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): Paul C. Adams, University of Texas at Austin
CHAIR(S): Paul C. Adams, University of Texas at Austin
Introducer: Paul C. Adams
Discussant(s): Brett Christophers, Department of Social and Economic Geography, Uppsala University; James Craine, California State University Northridge; Darren Purcell, University of Oklahoma; Shaun Moores, University of Sunderland; Stanley Brunn, University of Kentucky
Panelists: André Jansson, Karlstad University

3237. Bodies, Borders, and Territory I (Sponsored by Political Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Sara H. Smith, University of North Carolina; Mabel Gergan, UNC-Chapel Hill
CHAIR(S): Nathan Swanson, University of North Carolina-Chapel Hill
Introducer: Nathan Swanson
10:05 Agnes Chew*, UNC Dept. of Geography, *Containment versus Circulation: The Embodiment of the Singaporean Nation-State through Urban Planning.*
10:25 Lucy Jackson*, Aberystwyth University, *Navigating the border of the migrant body: Stigmatisation and categorisation of the body in place.*

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- 10:45** Luna Vives*, University of British Columbia, *A mother's journey: migration and motherhood across the Southern EUropean border.*
- 11:05** Katharine Mckinnon*, Macquarie University, *The geopolitics of birth.*
Discussant(s): Banu P. Gokariksel, University of North Carolina, Chapel Hill
- 3239. Wine Production in the Northeast United States (Sponsored by Wine Specialty Group)**
Room: Holland Suite, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): Percy H Dougherty, Kutztown University of Pennsylvania
CHAIR(S): Percy H Dougherty, Kutztown University of Pennsylvania
Introducer: Percy H Dougherty
Panelists: Denyse Lemaire, Rowan University; Percy H Dougherty, Kutztown University of Pennsylvania; James Newman, Syracuse University; C. Patrick Heidkamp, Southern Connecticut State University
- 3240. New organizing: Constraints, opportunities and contestation in local and regional organizing II (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)**
Room: Hudson Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Sandra Zupan, University of Kentucky; Judith Kenny, University of Wisconsin-Milwaukee
CHAIR(S): Judith Kenny, University of Wisconsin-Milwaukee
10:00 Jeremy Sorenson*, University of Wisconsin-Milwaukee, *Quiet riot: Conjuring the civic in un-Vegas.*
10:20 Robert Fisher*, University of Connecticut, *The Right to the City Alliance: Challenging the Constraints of Contemporary Organizing.*
10:40 Sandra Zupan*, University of Kentucky; Ryan Holifield, University of Wisconsin-Milwaukee, *Keep Costumes Out, Keep Trains In: Political Geographies of "Good Jobs" at Two Urban Brownfields Redevelopment Projects.*
11:00 Virginia Parks, PhD*, University of Chicago, *Collective Benefits through Private Means? Regulatory Innovation and Bargaining along the Continuum of Conflict Socialization.*
Discussant(s): Robert Lake, Rutgers University
- 3241. Critical Physical Geography I (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)**
Room: Midtown Suite, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): Rebecca Lave, Indiana University Dept of Geography; Matthew W. Wilson, University of Kentucky
CHAIR(S): Rebecca Lave, Indiana University Dept of Geography
Introducer: Rebecca Lave
Panelists: Chris S Duvall, University of New Mexico; Nathan McClintock, Portland State University; Darla Munroe, Ohio State University; Rachel Pain, University of Durham; Jamie Lorimer, Kings College London; Martin Doyle, Duke University
- 3242. Critical Geographies of Food in the City: Structures and Policy**
Room: New York Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Kimberly Libman, CUNY Graduate Center; Dory Kornfeld, Columbia University
CHAIR(S): Dory Kornfeld, Columbia University
10:00 Andrew Zitcer*, Rutgers, The State University of New Jersey, *Consumer Food Cooperatives and the Crisis of Capitalism.*
10:20 Kimberly Libman*, Graduate Center of the City University of New York, *Has New York City Fallen into the Local Trap?*
Discussant(s): Lenore L. Newman, University of the Fraser Valley
- 3244. Developing a Conceptual Framework and Best Practices for Community Geography Research and Pedagogy 2: Community Geography as Critical Geography (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**
Room: Conference Room B, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): Timothy Hawthorne, Georgia State University; Katherine Hankins, Georgia State University
CHAIR(S): Timothy Hawthorne, Georgia State University
Panelists: Kye Askins, Northumbria University; Kate Derickson, Georgia State University; Amy Trauger, University of Georgia; Meghan Cope, University of Vermont
- 3245. Geographies of Ottoman and Republican Turkey, 2 - international geographies of the Turkish state, its capital, and its environment (Sponsored by Middle East Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Kyle Evered, Michigan State University; Amy Mills, University of South Carolina
CHAIR(S): Amy Mills, University of South Carolina
10:00 Birgul Kutan*, Full Time Student, *Competing understanding of Turkey's Accession to the EU: Imaginaries from within.*
10:20 Nurcan Atalan-Helicke*, Skidmore College, *Changing Geographies of Agricultural Development in Turkey at the Crossroads of Global and Regional Integration.*
10:40 Lerna Yanik*, Kadir Has University, *Mapping "Islamist" Capital: Islamist Business Associations Reproducing Turkey's "Geopolitics".*
11:00 Marcy Brink-Danan, Ph.D.*, Brown University, *Where, oh where, is the Land of Israel? Improvisational cultural geographies of Turkey-Israel relations.*
11:20 J. M. Fisch*, Woodrow Wilson School, Princeton University, Princeton, NJ, *Using a Spatial Equilibrium Model to Quantify the Benefits of Turkey's Water Project.*
- 3246. For Felix: Transversal Geographies I (Sponsored by Cultural Geography Specialty Group)**
Room: Conference Room D, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): John-David Dewsbury, University of Bristol; Joe Gerlach, Oxford University
CHAIR(S): Thomas Jellis, University of Oxford
10:00 Christina Zweifel, University of Fribourg, Switzerland; Matthias Loepe*, University of Fribourg, Switzerland; Joris Ernest Van Wezemael, Prof. Dr., University of Fribourg, Switzerland, *Visionary cartographies off for municipal planning.*
10:20 Michele Lancione*, University of Technology of Sydney, *Schizoanalysis of the homeless subject.*
10:40 Candice Boyd*, University of Melbourne, *Spatialising therapeutic art and its affects: Guattarian and non-representational perspectives.*
11:00 Tom Roberts*, University of Bristol, *Transversality and the 'more-than-human': an ecosophic encounter in IKEA-space.*
11:20 Rebecca Catarelli*, University of Oxford, *Transversing the storm: an ecosophic cartography of hurricanes.*

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- 3247. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Computation and Software (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)**
Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Shaowen Wang, University of Illinois at Urbana-Champaign; Luc Anselin, Arizona State University
 CHAIR(S): Shaowen Wang, University of Illinois at Urbana-Champaign
 10:00 Serge Rey*, Arizona State University; Luc Anselin, Arizona State University; Robert Pahle, Arizona State University; Xing Kang, Arizona State University, *Parallelizing PySAL*.
 10:20 Fang Qiu*, University of Texas - Dallas; Chen Yuan, University of Texas at Dallas, *Parallel processing of massive LiDAR point clouds using CUDA enabled GPU*.
 10:40 Ian Kramer, GISP*, Oak Ridge National Laboratory; Olufemi Omitaomu, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory, *SpatialNet: GeoAgent-based Architecture for Automated Real-time Analysis and Dissemination*.
 11:00 Su Y Han*, Su Yeon Han, Geography, University of Illinois at Urbana Champaign, *Web based GIS application empowered by visual data exploration and spatial analysis for public health practitioners*.
 Discussant(s): Dawn Wright, Esri
- 3248. Spatio-Temporal Data Mining and Visual Analytics (1) (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Diansheng Guo, University of South Carolina
 CHAIR(S): Harvey Miller, University of Utah
 10:00 Jochen Albrecht*, Hunter College CUNY; Eugenia Naro-Maciel, Dr., College of Staten Island, City University of New York, *Space-time Probability Surface From Trajectory Data*.
 10:20 Atsushi Nara*, University of Oklahoma; Marguerite Keesee, University of Oklahoma; Ting Lei, University of Oklahoma; Jason Redden, University of Oklahoma; Meredith Denney, University of Oklahoma; May Yuan, University of Oklahoma, *Spatio-Temporal Analysis of GPS Tracks and Spatial Behavior*.
 10:40 Frank Hardisty*, Pennsylvania State University; Donna J Peuquet, Pennsylvania State University; Anthony C Robinson, Pennsylvania State University; Sen Xu, Pennsylvania State University; Sam Stehle, Pennsylvania State University, *STempo : Finding Patterns in Space-Time Events*.
 11:00 Diansheng Guo*, University of South Carolina, *Discovering Spatial Structures in Massive Trajectory Data*.
 Discussant(s): Harvey Miller, University of Utah
- 3250. Scenario Methods in Geographic Research: A Panel Discussion (Sponsored by Human Dimensions of Global Change Specialty Group)**
Room: Conference Room H, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Mark R. Read, Pennsylvania State University; Kathleen Dietrich
 CHAIR(S): Kathleen Dietrich
 Discussant(s): William Easterling, Pennsylvania State University
 Panelists: Lynn Rosentrater, University of Oslo; Petra Tschakert, Penn State University; Edward Carr, University of South Carolina; Linda Mearns, National Center for Atmos. Research
- 3251. Climate And Climate Change Literacy (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Dan Bedford, Weber State University; John Harrington, Kansas State University
 CHAIR(S): Dan Bedford, Weber State University
 10:00 John Harrington*, Kansas State University, *When is it Climatic Change?*.
 10:20 David Retchless, MS*, The Pennsylvania State University, *Public Perceptions of Spatial Analogs for Climate Change: A Survey of Centre Region, Pennsylvania Residents*.
 10:40 Sneha Rao*, Center for International Earth Sciences Information Network (CIESIN), Columbia University; James Carcone, Center for International Earth Sciences Information Network (CIESIN), Columbia University; Mark Becker, Center for International Earth Sciences Information Network (CIESIN), Columbia University; Amy Work, Institute for the Application of Geospatial Technology (IAGT), Cayuga Community College, *Exploring impacts of climate change on human health in classrooms using CHANGE Viewer*.
 11:00 Anthony Leiserowitz*, Yale University, *Climate Literacy and the American Public*.
 11:20 Dan Bedford*, Weber State University, *The 'Deficit Model' and Student Opinions on Global Warming*.
- 3252. Water Resources in China (Sponsored by China Specialty Group, Water Resources Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Wei Xu, University of Lethbridge
 CHAIR(S): Yaning Chen, Chinese Academy of Sciences
 10:00 Ranhao Sun*, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences; Liding Chen, Chinese Academy of Sciences, *Effect of land-use patterns on water quality in the Haihe River basin, China*.
 10:20 Yaning Chen*, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Weihong Li, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Zhaoxia Ye, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, *The Effects of Climate Change on Water Resources in the Tarim River, China*.
 10:40 Qihu Li, Key Lab of GIScience of the Ministry of Education, East China Normal University & State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography; Xingong Li*, Department of Geography, University of Kansas & State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, *Changes of Snowmelt Runoff in Four Mountain Rivers of the Trim River Basin*.
 11:00 Aaron P Potito*, National University of Ireland, Galway; Xinchun Guo, Sichuan University; Lin Luo, Sichuan University; David W Beilman, University of Hawaii at Manoa, *Impacts of Climate Warming on a Large Mountain Lake in Southwest China*.

SUNDAY, FEBRUARY 26 • 10:00 AM - 11:40 AM • 3200**3253. Emerging Scholars in Hazards Research: Winners of the Jeanne X. Kasperson Student Paper Award (Sponsored by Hazards Specialty Group)**

Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Tom Cova, University of Utah
 CHAIR(S): Tom Cova, University of Utah

- 10:00** Hyun Kim*, Texas A&M University, *Trajectory of Sustainable Disaster Mitigation in Social Processes and Economic Opportunity: Vulnerability and Resiliency to Unexpected Events in U.S. Riverine and Coastal Flooding Areas.*
- 10:20** Nicole E Simons*, San Diego State University, *Assessment of fire behavior simulation models in Mediterranean climates: An examination of FARSITE and HFire.*
- 10:40** Elyse Zavar*, Texas State University San Marcos, *After Acquisition: a land use assessment of flood buyouts between 1990-2000.*
- 11:00** Yolanda McDonald*, The University of Texas at El Paso, *Lacking a connection to a municipal water supply: A case study of an environmental and health hazard in El Paso County Colonias.*
- 11:20** Mark Barnes*, Rutgers, The State University of New Jersey, *Moving Together across Borders of Uneven Mobilities in the Climate Change Era: The Transit Agency, Severe Weather, and an Urban Region.*

3254. Navigating the Geographies of Food: People, Place, Culture, & Power, II (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Qualitative Research Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Gina Thornburg, Kansas State University
 CHAIR(S): Gina Thornburg, Kansas State University

- 10:00** Jill K Clark, PhD*, The Ohio State University; Shoshanah M Inwood, PhD, Ohio State University, *Scaling-up Regional Fruit and Vegetable Distribution: Opportunities for Adaptive Change in the Food System.*
- 10:20** Rebecca Jablonski*, Cornell University, *Regional Food Distribution in New York State: policy implications and recommendations.*
- 10:40** Hannah Gosnell*, Oregon State University; Kerry Grimm, Oregon State University, *Holistic Management: Pathway to More Sustainable Food Production?.*
- 11:00** Andy Davey*, University of Wisconsin-Madison, *"Conservative" Wisdom for Transforming the Food System? Distributists and Farmers' Markets.*
- 11:20** Susan Massad, HSD, RD*, Framingham State University, *Agricultural subsidies, food supply, and nutritional status of Americans.*

3256. Doing Geography: Undergraduate Perspectives and Experiences II (Sponsored by Geography Education Specialty Group, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)
 ORGANIZER(S): JoAnn (Jodi) Vender, Pennsylvania State Univ
 CHAIR(S): JoAnn (Jodi) Vender, Pennsylvania State Univ
 Introducer: JoAnn (Jodi) Vender

- 10:05** Brandon Novick*, Illinois State University; Josh Wixom, West Virginia University; Amy Hessel, West Virginia University, *Testing the Effect of Deposition on Growth in Picea rubens.*
- 10:10** Charles Pickett*, *Biogeography in Northern California.*
- 10:15** Michael William Karalewich*, The Pennsylvania State University; Brian Michael Hall, The Pennsylvania State University, *We Are One World: An Undergraduate NGO.*
- 10:20** Branden Belajac, Geography Student*, Penn State University, *Cognitive Mapping of State College, PA.*

10:25 Gregory Pitman*, The Pennsylvania State University, *Palermo; African, Arabic and European history unfolds through many layers of urban expansion.*

10:30 Rebecca Baker*, The Pennsylvania State University, *Undergraduate Study Abroad: Benefits of a Regionally Focused Curriculum.*

3257. Polanyian Economic Geographies 2 (Sponsored by Economic Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Jamie Peck, University of British Columbia; Sally Randles, University of Manchester, UK
 CHAIR(S): Martin Hess, University of Manchester

- 10:00** Marc Boeckler*, University of Frankfurt; Christian Berndt, University of Zurich, *"Doing Polanyi": Studying real markets in abstract worlds.*
- 10:20** Alan Paul*, UCLA, Giant Angstrom Partners, *Prerequisites for a Polanyian Economic Geography.*
- 10:40** Jun Zhang*, National University of Singapore, *The Critique of Injustice and Injustice of Critiques: A Polanyian Perspective to the Geography of Marketization.*
- 11:00** Sally Randles*, University of Manchester, UK, *"Polanyian concepts and metaphors: do they help or hinder progress in economic geography?.*
- Discussant(s): Adrian Smith, Queen Mary, University of London

3258. Honoring James O. Wheeler, Session I: Information and Transportation Geography (Sponsored by Urban Geography Specialty Group, Transportation Geography Specialty Group, Communication Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Hongmian Gong, Hunter College
 CHAIR(S): Hongmian Gong, Hunter College

- 10:00** Xiaojun Yang*, Florida State University, *Accessibility and Land Use Patterns in An Urban Area.*
- 10:20** Selima Sultana*, University of North Carolina-Greensboro; Joe Weber, University of Alabama, *Urban Growth Waves and the Commuting Transition: Examining Variations across U.S. Metropolitan Areas.*
- 10:40** Yongmei Lu*, Texas State University - San Marcos; Ruojing Wang, Texas State University - San Marcos, *Detecting the Commuting Patterns in Central Texas by Local Vector Autocorrelation Analysis.*
- 11:00** Hongmian Gong*, Hunter College; Kevin Keenan, College of Charleston, *Telecommunications and the Recent Fortunes of Financial Services in New York.*
- 11:20** Barney Warf*, University of Kansas, *Geographies of Global Telephony in the Age of the Internet.*

3259. RCEEE Keynote with Bruce Grant: Locating Eurasia, Thinking Eurasianly (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Panel Session)
 ORGANIZER(S): Megan Dixon, College of Idaho
 CHAIR(S): Megan Dixon, College of Idaho
 Introducer: Megan Dixon
 Discussant(s): Sara Thaw; Natalie Koch, U of Colorado, Boulder
 Panelists: Bruce Ormond Grant, Howard University

3260. Geographies of Love II (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Sexuality and Space Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Eleanor Wilkinson, University of Leeds; Lynda Johnston, university of waikato
 CHAIR(S): Eleanor Wilkinson, University of Leeds
10:00 Mercedes Pöll, PhD Candidate*, University of Leeds, *Loving without Sex: Locating Asexual Relationships*

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and their Implications for Relationship Recognition.

10:20 Sara Cantillon, Professor*, UCD School of Social Justice, *Emotional Contracts and the Boundaries of Love.*

10:40 Kamalini Ramdas, Doctoral Candidate*, National University of Singapore, *Is Blood Thicker than Water?: Family, Friendship and a Feminist Ethics of Care.*

11:00 Max J. Andrucki*, Rutgers University, *Transnational Topophilia: Bodies, Whiteness, and Mobility in Contemporary South Africa.*

11:20 Pamela Moss*, University of Victoria, *Exploitation of love-bonds among Second World War soldiers in the treatment of battle fatigue.*

3261. Agent-Based Models and Geographical Systems: Policy Modelling

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Mark Birkin, University of Leeds; Andrew Crooks, George Mason University
CHAIR(S): Mark Birkin, University of Leeds

10:00 Claudio Cioffi-Revilla*, George Mason University; Andrew Crooks, George Mason University; Kenneth De Jong, George Mason University; Timothy Gulden, George Mason University; William Kennedy, George Mason University; Sean Luke, George Mason University; Mark Coletti, George Mason University, *MASON RifiLand: An Agent-Based Model for Analyzing Conflict, Disasters, and Humanitarian Crises in East Africa.*

10:20 Johannes Flacke*, University of Twente, Faculty of Geo-Information Science and Earth Observation, *An agent-based model of informal settlement growth in Dar es Salaam, Tanzania.*

10:40 Atesmachew Hailegiorgis*, Department of Computational Social Science, George Mason University, *An Agent-Based Modeling of Climate Change, Land Acquisition, and Household Dynamics in Southern Ethiopia.*

11:00 Amit Patel*, PhD Candidate, School of Public Policy, George Mason University; Andrew Crooks, Assistant Professor; Naoru Koizumi, Associate Professor, *Integrating GIS and ABM to Explore Spatio-temporal Dynamics of Slum Formation in Mumbai, India.*

11:20 Elfie Swerts*, Paris 1 Panthéon Sorbonne, *Simulating the evolution of urban systems in developing countries: the Indian case.*

3262. Remote Sensing Specialty Group Student Honors Paper Competition II (Sponsored by Remote Sensing Specialty Group)

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Sharmistha Swain

CHAIR(S): Sharmistha Swain

10:00 Xiaolin Zhu*, The Ohio State University; Desheng Liu, The Ohio State University, *A New Kriging Based Method for Filling Gaps in Landsat ETM+ SLC-off Images.*

10:20 Kunwar K Singh*, University of North Carolina At Charlotte; Ross K Meentemeyer, University of North Carolina at Charlotte, *Fusion of LiDAR derivatives and Landsat TM data for large-area assessment of land-use heterogeneity along urban-rural gradients.*

10:40 Iryna Dronova, PhD Student*, University of California Berkeley; Peng Gong, Professor, UC Berkeley, *Landscape analysis of wetland plant functional types: the effects of image segmentation scale, vegetation classes and classifier methods.*

11:00 Amy E. Frazier*, University at Buffalo, *Super-Resolution Land Cover Mapping using Landscape Metrics.*

3263. Critical Legal Geographies: Law, Space and Boundaries (Sponsored by Graduate Student Affinity Group)

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Jeffrey Gower, University At Buffalo - SUNY
CHAIR(S): Jeffrey Gower, University At Buffalo - SUNY

10:00 Henry Sivak*, Arizona State University, *Legal geographies of catastrophe: forests, fires, and law in colonial Algeria.*

10:20 Justin Steil*, Columbia University, Urban Planning Program; Ion Bogdan Vasi, Columbia University, School of International and Public Affairs, *Immigration, Policy Innovation, and Federalism: The Transfer of Immigration Laws from the Local to the State Level.*

10:40 Tarecq Amer*, University of California, Davis, *The Spatial Articulation of Racism in Beaux Arts San Francisco.*

11:00 Martin Klamt*, Ludwig-Maximilians-University of Munich, *How to Use Public Space - Places of Power & Power of Places.*

11:20 Jeffrey Gower*, University At Buffalo - SUNY, *Patent Space, Maps, Thickets and Pools: A New Look in Light of Emerging Technologies.*

3264. Resiliency and Vulnerability: Sustaining Social-Ecological Systems in an Uncertain World

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Deanna Schmidt, University of Houston-Clear Lake

CHAIR(S): Deanna Schmidt, University of Houston-Clear Lake

10:00 Antoine Le Blanc*, Université du Littoral; Irénée Zwarterook, Université du Littoral - Laboratory TVES, *Industrial risks, resilience and participatory processes.*

10:20 Nada Toueir*, University of Montreal, *Resiliency in Post-Katrina New Orleans: How Can Memory and Place Attachment Help in Creating More Resilient Communities?.*

10:40 Tuna KALAYCI*, University of Arkansas, *Agricultural Sustainability of the Early Bronze Age Settlement Systems in the Syrian Jazira.*

11:00 Jordan W. Smith, Ph.D.*, Purdue University; Hollie M. Smith, University of Maine, *Community Resilience in Southern Appalachia: A Theoretical Framework and Three Case Studies.*

11:20 Deanna Schmidt*, University of Houston-Clear Lake, *Building Resilience from the Ground-Up: Disaster, Drought, and Urban Development on the Upper Texas Gulf Coast.*

3265. Urban Agriculture II (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Ronald R Hagelman III, Texas State

University; Kevin Romig, Texas State University

CHAIR(S): Ronald R Hagelman III, Texas State University

10:00 Sharla Stolhandske*, Simon Fraser University, *Urban Farming in Vancouver.*

10:20 Shanon Donnelly*, University of Akron, *Examining the resilience of the farm lease program in the Cuyahoga Valley National Park, Ohio, USA.*

10:40 Ronald R Hagelman III, Ph.D.*, Texas State University, *Geographic Outcomes of Urban Agriculture Regulation in U.S. Cities.*

11:00 Deborah Greenwood, Ph. D. Candidate*, Geography Program, Rutgers University, *Urbanization, Feminization and the Rise of Alternative Food Production Systems: Understanding Agricultural Change in New Jersey.*

11:20 Mahbubur R. Meenar*, Temple University, *Developing a GIS-Based Community Food Insecurity and Vulnerability Model: A Social Ecology Perspective.*

SUNDAY, FEBRUARY 26 • 10:00 AM - 11:40 AM • 3200**3266. New Geographies of African Development (Sponsored by Africa Specialty Group)***Room: Liberty 4, Sheraton, Third Floor (Paper Session)*ORGANIZER(S): Padraig Carmody, Trinity College Dublin
CHAIR(S): Francis Owusu, Iowa State University**10:00** Padraig Carmody*, Trinity College Dublin, *The Informationalization of Poverty in Africa: ICTs and Economic Structure.***10:20** Kefa M Otiso*, Bowling Green State University, *Nairobi's Silicon Savanna and Lifestyle Communities: A City Reborn?***10:40** Brennan Kraxberger*, Christopher Newport University, *Dealing with State Failure in an Age of Austerity.***11:00** Francis Owusu*, Iowa State University, *Globalization and African development: Challenging the hegemonic marginalization narrative.*

Discussant(s): Caroline Faria, Florida International University

3267. Contexts of Reception in U.S. Immigration (Sponsored by Population Specialty Group)*Room: Liberty 5, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Marie Price, George Washington University

10:00 Regan M. Maas, PhD*, California State University Northridge, *Spatially Segmented Cultural Adaptation and the Hispanic/Latino Health Paradox.***10:15** Joel Jennings*, St. Louis University, *Latino Spaces: Exploring the Geographies of an Emergent Community.***10:30** Vanessa Martinez*, The University of Texas at Austin, *Enforcing Exclusion: A Spatial Analysis of the Vote that Passed Anti-Immigrant Legislation in Fremont, Nebraska.***10:45** Kyle Walker*, Church Pension Group, *The Complex Role of Geographic Context in the Metropolitan Politics of US Immigration.***3269. Mapping Water Resources***Room: New York Ballroom West, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Wilawan Thanatemaneeerat

10:00 Jiangfeng SHE*, Department of Geographic Information Science, Nanjing University; Xingong LI, Department of Geography, University of Kansas, *Web-based Network Neighborhood Analyst for the NHD.***10:20** Glenn O'Neil*, Michigan State University, *Mapping Groundwater Balance in Michigan.***10:40** Maribeth Price, PhD*, SD School of Mines and Technology; Alvis Lisenbee, PhD, SD School of Mines and Technology; Arden Davis, PhD, PE, SD School of Mines and Technology, *A GIS-based method for evaluating aquifer susceptibility and vulnerability for community planning.***11:00** Mark Monmonier*, Syracuse University, *The Cartographic History of the Great Lakes Snowbelts.***11:20** Wilawan Thanatemaneeerat*, *Public Participation GIS in water quality management: system development approach.***3270. The Sherpa People and Conservation in Sagarmatha (Mt. Everest) National Park and Buffer Zone, Nepal (Sponsored by Indigenous Peoples Specialty Group)***Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

Introducer: Stan Stevens

10:10 Tenzing Sherpa*, Khumbu Sherpa Culture Conservation Society, *Culture and Conservation in a Sherpa Homeland.***10:30** Sonam Sherpa*, Sagarmatha National Park Buffer Zone Management Committee, *Conservation, Culture, and Responsibility in the Sagarmatha National Park Buffer Zone.***10:50** Mingma Sherpa*, UMass Amherst, *Conservation Governance of the Buffer Zone Community Forests of Sagarmatha National Park Buffer Zone, Nepal.***11:10** Stan Stevens, PhD*, University of Massachusetts, *Sagarmatha (Mt. Everest) National Park Governance and Management: International Perspectives on Protected Areas and Social Justice.*

Discussant(s): Stan Stevens, University of Massachusetts

3271. Tourism in parks and protected areas: Managing change (Sponsored by Recreation, Tourism, and Sport Specialty Group)*Room: Riverside Suite, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Alison M Gill, Simon Fraser University

CHAIR(S): Langdon Smith, Slippery Rock University

10:00 David Mwesigye Tumusiime*, Department of International Environment and Development Studies, Norwegian University of Life Sciences (UMB), *Protected Areas and rural livelihoods: Win-win possibilities and illusions.***10:20** Tina M. White*, CSU Northridge, *The Changing Face of Tourism in Death Valley National Park.***10:40** Daniel Kunches*, Penn State University, *The Capacity Concept and the Merced River Plan: A history of the capacity concept and its current application in conservation.***11:00** Langdon Smith, Ph.D.*, Slippery Rock University; Laura Karosic, Slippery Rock University; Elizabeth Smith, Slippery Rock University, *Greening the National Park Service.***11:20** Elyssa Gutbrod*, Arizona State University, *Analyzing Past, Present, and Future Tourism Trends Using Trail Analysis in the Petrified Forest National Park.***3272. Remittances and Work Travel Programs***Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dusan Drbohlay, Faculty of Science, Charles University in Prague

10:00 Carmella Pfaffenbach*, RWTH Aachen University, *Paradise or diaspora? Everyday practices and networks of expatriate communities in Muscat/Oman.***10:20** Mark De Socio*, Salisbury University, *The Geopolitics of Boardwalk Americana: Exploring the J-1 Summer Work Travel Program in Ocean City, Maryland.***10:40** Seth Appiah-Opoku*, University of Alabama; Holly Buckner, University of Alabama, *Gender Issues in Summer Abroad Programs.***11:00** Francis Koti*, University of North Alabama, *Diaspora Contribution to Africa's Development: A Critical Perspective.***11:20** Dusan Drbohlay*, Faculty of Science, Charles University in Prague; Dusan Drbohlay, Faculty of Science, Charles University in Prague, *Ukrainian immigrants in the Czech Republic - remittances and economy in their consumption.***3273. Wetlands Restoration***Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): In-Young Yeo, University of Maryland - College Park

10:00 Zhenghong Tang*, University of Nebraska - Lincoln; Xu Li, University of Nebraska - Lincoln; Nan Zhao, University of Nebraska - Lincoln; Ruopu Li, University of Nebraska - Lincoln, *Developing A Restorable Wetland Index for Wetland Program Planning: A Multi-Criteria Spatial Analysis.***10:20** Sarah Watson*, University of Kentucky, *Butterflies,*

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Crawdads, and Watershed Restoration: Learning about Nature in Appalachian Ohio.

10:40 In-Young Yeo*, University of Maryland - College Park, *Climate changes, watershed processes, and decision making for the adaptation.*

11:00 Bertrand Morandi*, Université de Lyon, CNRS, ENS Lyon, UMR 5600 EVS; Hervé Piégay, Université de Lyon, CNRS, ENS Lyon, UMR 5600 EVS; Nicolas Lamouroux, Cemagref, *The success of river restoration projects. Feedbacks from French case studies.*

3274. Changing Landscapes from the Amazon to the Andes II (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Madison Suite 4, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Clark Gray, University of North Carolina at Chapel Hill; Christian Abizaid, University of Toronto
CHAIR(S): Clark Gray, University of North Carolina at Chapel Hill

10:00 Alexander Pfaff*, Duke University; Juan Robalino, CATIE, *Estimating Avoided Deforestation by Protection Type.*

10:20 Peter Richards*, Michigan State University, *Migration and Land Use Displacement in the Brazilian Amazon.*

10:40 Christian Abizaid*, University of Toronto, *Living with environmental change: long-term social and economic consequences of floodplain dynamics in the Peruvian Amazon.*

11:00 Margaret Holland*, University of Maryland, Baltimore County; Free deKoning, PhD, Conservación Internacional-Ecuador; Manuel Morales, President, ECOLEX, Ecuador; Lisa Naughton-Treves, PhD, University of Wisconsin-Madison; Luis Suarez, MSc, Conservación Internacional-Ecuador, *Deforestation and tenure in the Ecuadorian Amazon: Implications for the future implementation of SocioBosque.*

Discussant(s): Leah K VanWey, Brown University

3275. Assessing climate variability and impacts in western North America II: The Desert Southwest. (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Jesse Morris, University of Helsinki; Andrea Brunelle, University of Utah
CHAIR(S): Jesse Morris, University of Helsinki

10:00 Andrea Brunelle*, University of Utah; Thomas Minckley, University of Wyoming, *Desert Wetlands in the Southwestern U.S.: Holocene Climate Controls on Form and Function.*

10:20 Matthew J Valente*, University of Tennessee, Department of Geography; Sally P Horn, University of Tennessee, Department of Geography; Thomas A Minckley, University of Wyoming, Department of Botany, *The Predictive Power of Chihuahuan Desert Modern Pollen Assemblages for Paleoecological Reconstructions.*

10:40 Thomas Minckley*, University of Wyoming; Nicholas Felstead, Liverpool John Moores University; Silvia Gonzalez, Liverpool John Moores University, *Paleohydrology and paleoecology of the Chihuahuan Desert during the last glacial period.*

11:00 Ryan Bart*, San Diego State University; Allen Hope, San Diego State University, *Seasonal Controls on Streamflow Recession Curves in Southern California.*

11:20 Miguel L. Villarreal*, U.S. Geological Survey; Laura M. Norman, U.S. Geological Survey; Cynthia S.A. Wallace, U.S. Geological Survey; Kenneth G. Boykin, New Mexico State University, *Evaluating long-term biodiversity changes across a heterogeneous land use mosaic.*

3276. Critical Geographies of Education II: Landscapes of Disparity, Neoliberalism and Inequality in Education (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Ethnic Geography Specialty Group)

Room: *Madison Suite 6, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Tyler McCreary, York University; Ranu Basu, York University

CHAIR(S): Anne Godlewska

10:00 Ranu Basu*, York University, *Multiplying Spaces of Subalterity in Education: From Ideological Realms to Strategizing Outcomes.*

10:20 Christopher Lizotte*, University of Washington, *Making school transformation work in Seattle: Emerging political scales of choice-based school reform efforts.*

10:40 Valerie Ledwith*, National University of Ireland, Galway; Kathy Reilly, National University of Ireland, Galway, *Accommodating All Applicants? School Choice and the Regulation of Enrolment in Ireland.*

11:00 Kathy Reilly*, National University of Ireland Galway, Ireland; Valerie Ledwith, National University of Ireland Galway, *Capital Accumulations? Geographies of Opportunity and Migrant Educational Experiences in Galway, Ireland.*

3277. Culture, Identity, and Placemaking in China: II (Sponsored by China Specialty Group, Asian Geography Specialty Group, Cultural Geography Specialty Group)

Room: *Park Suite 1, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Wei Xu, University of Lethbridge
CHAIR(S): Mark Pitner, Elmira College

10:00 Melissa Y Rock*, Dartmouth College, *Privatizing Space, Atomizing Lives: gendered implications of urban restructuring and health care reform in contemporary Beijing.*

10:20 Shangyi Zhou*, Beijing Normal University; Jing Zhao, University of Washington, *Representation Power: Landscape Changing in An Old Commercial District of Beijing.*

10:40 Lianling Su*, Kansas State University; Lianling Su, Kansas State University, *Cross-Border Marriage Migration of Vietnamese Women to China.*

11:00 Qing Pei*, Department of Geography, The University of Hong Kong; Dian Zhang, Department of Geography, The University of Hong Kong, *Climate change and Chinese migration over the last millennia.*

11:20 Mark Pitner*, Elmira College, *Corpus Delicti: the liminal Role of a Confucian Sage in the changing Landscape of Empire.*

3278. Assessing Sustainable Development

Room: *Park Suite 2, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Program Committee
CHAIR(S): Jamey Essex, University of Windsor

10:00 Consuelo Guayara*, University of Iowa; Craig Just, The University of Iowa, *Beyond Critical Development Theories: Appropriate sustainable development for Developing countries?.*

10:20 Michael Eggen*, University of Wisconsin - Madison, *Vulnerability and Unforeseen Outcomes in a Heterogeneous Development and Environmental Rehabilitation Landscape: A Comparative Study from Tigray, Ethiopia.*

10:40 Heidi Frontani*, Elon University, *Sustainable Development?--Rockefeller Foundation Initiatives in the Gold Coast and Ghana, 1913-1963.*

11:00 Jamey Essex*, University of Windsor, *The geography of effectiveness in Canada's international development assistance.*

SUNDAY, FEBRUARY 26 • 10:00 AM - 11:40 AM • 3200**3279. Taking Control? New Geographies of Self-Care and Personalization (Sponsored by Health and Medical Geography Specialty Group)**

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Andrew Power, School of Geography and Environment; Robert Wilton, McMaster University

CHAIR(S): Robert Wilton, McMaster University

10:00 Nancy Ettlinger, Ph.D.*, Geography, Ohio State University, *The formation of neoliberal mentality in the US health care: inefficiency and uneven access in geographies of health.*

10:20 Valorie Crooks*, Simon Fraser University; Keri Cameron, McMaster University; Vera Chouinard, McMaster University; Rory Johnston, Simon Fraser University; Jeremy Snyder, Simon Fraser University; Victoria Casey, Simon Fraser University, *Medical tourism as a practice of self-care: Examining the distinctive characteristics among Canadians with osteoarthritis who have gone abroad for hip and knee surgery.*

10:40 Andrew Power, Dr*, School of Geography and Environment, University of Southampton, *Family Leadership in Care: A critical appraisal of the re-sculpting of responsibilities in supporting people with disabilities.*

11:00 Angela Abbott, Dr.*, Newcastle University; Randal Richardson, Newcastle University, *Personalised Care: the Role and Consequences of Digital Technologies.*

11:20 Abigail Nelson, CRC*, City University of New York; Carrie Shockley, Ed.D.*, Office of the University Dean, Health and Human Services, *Wellness Coaching: Peer and Non-Peer Frontline Worker Training in the Field of Mental Health.*

3280. Geographies of Sports and Recreation

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Ray Oldakowski, Jacksonville University
10:00 Suganya Baskaran*, Iowa State University; Christopher J Seeger, Associate Professor & Extension Specialist, Iowa State University, *Mapping User Submitted Photos at the Iowa State Fair.*

10:20 Andreea Greavu*, California State University Long Beach, *Geovisualizing the emotional geographies of marathon runners: A case study of the Long Beach Marathon 2010.*

10:40 Arlene Crampsie, PhD*, Boston College-Ireland, *An Insight into Social Life in Twentieth Century Ireland - The GAA Oral History Project.*

11:00 Ray Oldakowski*, Jacksonville University; John McEwen, Louisiana State University, *The Diffusion of Disc Golf Courses in the United States.*

3281. Neoliberal Planning: Crisis, Contestation, Alternatives II (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)
ORGANIZER(S): Guy Baeten; Tuna Tasan-Kok, TUDelft
CHAIR(S): Tuna Tasan-Kok, TUDelft

10:00 Guy Baeten*, University of Lund, *From the cradle of social democracy to neoliberal playground: Malmö and the competition for urban imaginaries.*

10:15 Johan Pries*, History Department, University of Lund, Sweden, *Neoliberalism, class conflicts and the possibilities of a utopian urbanism.*

10:30 Mike Raco*, University College London, *Delivering Flagship Projects in an Era of Regulatory Capitalism: Project Management, the New Contractualism and the London Olympics 2012.*

10:45 Maja Essebo*, Dept. of human and economic geography, University of Gothenburg, *The never-ending story - neoliberalism from a myth perspective.*

11:00 Jan Van Weesep*, University of Utrecht; Bahar Sakizioglu, PhD candidate, University of Utrecht; Helga Rittersberger-Tilic, PhD, METU Middle East Technical University, Ankara, *Resisting State-Led Gentrification: The Case of Tarlabasi/Istanbul.*

11:40 AM - 12:50 PM • 3300**11:40 a.m. - 12:50 p.m.****3324. AAG HONORARY GEOGRAPHER: Saskia Sassen****Analytic Tactics: Geography as Obstacle**

Room: Sutton Parlor North, Hilton, Second Floor (Plenary Session)

Sponsored by: Elsevier

Organized by: Association of American Geographers

Introduction: John Agnew, University of California, Los Angeles

Speaker: **Saskia Sassen**, Columbia University

Saskia Sassen is the Robert S. Lynd Professor of Sociology and Co-Chair of The Committee on Global Thought at Columbia University (www.saskiasassen.com). Her recent books are *Territory, Authority, Rights: From Medieval to Global Assemblages* (Princeton University Press 2008), *A Sociology of Globalization* (W.W.Norton 2007), and the 4th fully updated edition of *Cities in a World Economy* (Sage 2011). She was named one of the 100 Top 2011 Global Thinkers by *Foreign Policy* magazine.

3333. Questions Without Borders: Why Future Research Will Be Interdisciplinary and How We Can Foster It

Room: Trianon Ballroom, Hilton, Third Floor (Plenary Session)

Organized by: Association of American Geographers

Introduction: Douglas Richardson, AAG Executive Director

Speaker: **Myron P. Gutmann**, Assistant Director, NSF Directorate for Social, Behavioral, & Economic Science

11:50 AM - 12:30 PM • 3300**3337. Geographic Perspectives on Women Specialty Group Business Meeting**

Room: Harlem Suite, Hilton, Fourth Floor

SUNDAY, FEBRUARY 26 • 12:40 PM - 2:20 PM • 3400

12:40 p.m. - 2:20 p.m.

3401. GeoHumanities III: The Place of Art in the Contemporary City (Sponsored by Association of American Geographers)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): James A. Ketchum, Association of American Geographers

CHAIR(S): Alexandra M Sutherland-Brown, University of Chicago

12:40 Alexandra M Sutherland-Brown*, University of Chicago, *The High Line: Arts Development in West Chelsea*.

1:00 Jessica Parish, MA*, York University, Department of Political Science, *To Live with Culture?: Politics and Aesthetics in the City of Toronto*.

1:20 Kalli Fullerton*, Texas Christian University, *A Place for Performance Arts: Street Performers, Perceptions, and Sense of Place*.

1:40 Ann Markusen*, University of Minnesota; Ann Gadwa, Metris Arts Consulting; Elisa Barbour, University of California Berkeley, *The Geography of Artists and Arts Organizations: Evidence from California*.

2:00 Leigh N Hersey, PhD*, University of Memphis, *Funding the Arts: Does Location Matter?*.

3402. you are here: The Cartographic Turn in Literary Studies (Sponsored by Association of American Geographers)

Room: Concourse B, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): James A. Ketchum, Association of American Geographers; Melinda Butterworth, Virginia Tech

CHAIR(S): Georgia Conover, University of Arizona
Introducer: Georgia Conover

12:45 Martha J Nadell*, Brooklyn College, *Mapping Brooklyn's Fictions: The Cartographic Turn in Literary Studies*.

1:05 Eleanor M Rawling, MA Oxon*, University of Oxford, *A Walk is a Poem, A Poem is a Walk; 'my body went faster than rules'*.

1:25 Thomas Bristow, Dr*, University of New England, *Literary Geography and Poetics of Place: Rivers in Alice Oswald's Poetry*.

1:45 Adele J. Haft, Professor of Classics*, Hunter College of The City University of New York, *Mapping Twentieth-Century American Poetry*.

Discussant(s): Jesse Quinn, University of Arizona; Jim Cocola, Worcester Polytechnic Institute

3403. Reframing Islandness II: Thinking with the Archipelago (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Joseph Palis, North Carolina State University; Elaine Stratford, University of Tasmania

CHAIR(S): Joseph Palis, North Carolina State University

12:40 Anyaa Anim-Addo*, Royal Holloway, *Island to Island by Steam: Maritime Mappings of the Nineteenth-Century Caribbean*.

12:55 Laurie Brinklow*, University of Tasmania, *Stepping-stones to the edge: Artistic expressions of islandness in an ocean of islands*.

1:10 Marina CASULA*, Toulouse-1 Capitole University, *Looking for the Thyrenide : Corsica and Sardinia, two "islands-sisters". A socio-anthropological approach of an archipelagic imaginary*.

1:25 Fraser MacDonald*, University of Edinburgh, *The intertidal geographies of Erskine Beveridge*.

3404. Changing landscapes of finance I (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University

CHAIR(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University

12:40 Brett Christophers*, Department of Social and Economic Geography, Uppsala University, *Sediments of discourse: layering the logics of free trade in finance*.

1:00 Ashby Monk, PhD*, Stanford University, *Frontier Finance*.

1:20 Janelle Knox-Hayes, Assistant Professor*, School of Public Policy, Georgia Institute of Technology; Pratima Bansal, Professor, Richard Ivey School of Business, University of Western Ontario, *Environmental Finance: Understanding the effect of financialization on environmental materiality*.

1:40 Christian Zeller*, University of Salzburg, Dep. of Geography and Geology, *Sovereign debt as a form of fictitious capital in the global rentier regime*.

Discussant(s): Dariusz Wojcik, School of Geography and the Environment, Oxford University

3405. Slavery and Memory 2: Southern Plantations (Sponsored by Study of the American South Specialty Group, Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University

CHAIR(S): Perry Carter, Texas Tech University

12:40 David Butler*, University of Southern Mississippi;

Perry Carter, Texas Tech University, *Journey to the Plantation: An Exploration of Travel Patterns to the Laura Tourism Plantation in Louisiana*.

1:00 Stephen Small*, University of California, *Representations of Slavery in Louisiana Heritage Tourism*.

1:20 Nicole A Moore, MA, CIG*, Independent Consultant, *Sharing the load: Interpreting Slave Life in Third Person*.

1:40 Rebecca Watts, PhD*, Stetson University, *Rhetorical Reconstructions of Slavery: The National Park Service's Presentation of Anna Madgine Jai Kingsley, A Senegalese Freewoman and Plantation Owner in Colonial Florida*.

2:00 E Arnold Modlin Jr*, Louisiana State University, Norfolk State University, *Engaging in the Difficult Memory Work of Slavery at Southern Plantation Museums*.

3406. Communicating Through Crisis I (Part of the Social Justice, Media, and Human Rights Special Session Track, Communication Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Paul C. Adams, University of Texas at Austin
CHAIR(S): Tristan Sturm, UCLA

12:40 Sophia B. Liu*, United States Geological Survey; Barbara Poore*, United States Geological Survey, *Distributed Curation through Crisis Map Mashups*.

1:00 Jason Farman*, University of Maryland, College Park, *Mapping Virtual Communities: Cultural Imaginaries of the Diaspora and the Production of Crisis Maps*.

1:20 Christina Dando*, University of Nebraska-Omaha, *"We are the world"?: Famine in the Popular Media*.

1:40 Anu Masso*, Institute of Journalism and Communication, University of Tartu; Anu Masso, Institute of Journalism and Communication, University of Tartu, Estonia, *Geographies of Communication in a Transition Country: Cultural Contacts, Cultural Perception and Media Representations in Estonia*.

Discussant(s): Tristan Sturm, UCLA

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3407. International Critical Geography I: Networks (Sponsored by Socialist and Critical Geography Specialty Group)
Room: Concourse G, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Bernd Belina, Goethe University Frankfurt; Anne Vogelpohl, TU Berlin
 CHAIR(S): Anne Vogelpohl, TU Berlin
 Panelists: Bernd Belina, Goethe University Frankfurt; Lawrence D. Berg, University of British Columbia; Miles Kenney-Lazar, Clark University; John Lauermann, Clark University; Paul Kingsbury, Simon Fraser University; Ute Lehrer, York University; Anders Lund Hansen, Lund University

3408. Hazardous Waste
Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Chih-Yu Lai, University of Oklahoma
12:40 Hoehun Ha*, SUNY at Buffalo; Peter Rogerson, SUNY at Buffalo; James Olson, SUNY at Buffalo; Ling Bian, SUNY at Buffalo, *Geographic variation of soil lead concentrations in Anniston, Alabama*.
1:00 Nessa Jane Golden, Ph D candidate*, National University of Ireland, Galway; Chaosheng Zhang, GIS Centre, Ryan Institute and School of Geography and Archaeology, National University of Ireland, Galway, Ireland; Liam Morrison, Earth and Ocean Sciences, School of Natural Sciences, National University of Ireland, Galway, Ireland; Paul Gibson, Environmental Geophysics Unit, Department of Geography, National University of Ireland, Maynooth, Ireland, *High Resolution Mapping of Metal Contamination in an Urban Sportsground (Galway, Ireland) Using Ordinary Cokriging With Magnetic Susceptibility Data*.
1:20 Chih-Yu Lai*, Center for Spatial Analysis at University of Oklahoma; May Yuan, Center for Spatial Analysis at University of Oklahoma, *Examining the Effect of Nuclear Waste Shipments on House Price*.
1:40 Jason Watson*, Amtec Corporation, *Redstone Arsenal History*.

3410. Environment and Food: Author Meets Critics
Room: Clinton Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Michael Goodman, King's College London
 CHAIR(S): Michael Goodman, King's College London
 Panelists: Colin L Sage, University College Cork; Lucy Jarosz, University of Washington; David Lopez-Carr, UC Santa Barbara; Philip McMichael, Cornell University; Michael Carolan, Colorado State University

3411. Redefining or Reifying? Examining Regional Development and Planning (Sponsored by Regional Development and Planning Specialty Group)
Room: Gibson Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University; Jennifer Y Pomeroy, University of Maryland
 CHAIR(S): Jennifer Y Pomeroy, University of Maryland
 Introducer: Vandana Wadhwa
 Panelists: George Pomeroy, Shippensburg University; Christopher Cusack, Keene State College; Dave Lemberg, Western Michigan University; Sya B Kedzior, Humboldt State University; Xinyue Ye, Bowling Green State University; Antonio Lista, Uni. Internacional Catalunya; Michal Kohout, California State University, San Bernardino; Mike Gulliver, University of Bristol; Jennifer Y Pomeroy, University of Maryland

3412. Landsat Data Continuity Mission: Countdown to Launch
Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Thomas R. Loveland, United States Geological Survey; James R. Irons, Earth Science Division
 CHAIR(S): Thomas R. Loveland, United States Geological Survey
12:40 Bruce D Cook*, NASA-GSFC; James R Irons, NASA-GSFC; Jeffrey G Masek, NASA-GSFC; Thomas R Loveland, USGS-EROS, *Landsat Science: 40 Years of Innovation and Opportunity*.
1:00 James R. Irons*, Earth Science Division NASA Goddard Space Flight Center; Jeffrey G. Masek, Biospheric Science Laboratory, NASA Goddard Space Flight Center; Bruce Cook, Biospheric Science Laboratory, NASA Goddard Space Flight Center; Philip W. Dabney, NASA Goddard Space Flight Center; Thomas R. Loveland, USGS Earth Resources Observation and Science Center, *Progress Towards a 2012 Landsat Launch*.
1:20 Philip W Dabney*, NASA GSFC; James R Irons, Earth Science Division NASA Goddard Space Flight Center; Brian L Markham, Biospheric Science Laboratory, NASA Goddard Space Flight Center; Dennis C Reuter, NASA GSFC; James C Storey, USGS/SAIC, *Landsat Data Continuity Mission Expected Instrument Performance*.
1:40 John Dwyer*, United States Geological Survey, *Overview of the Landsat Data Continuity Mission (LDCM) Ground System and Science Data Processing*.
2:00 Thomas R. Loveland*, United States Geological Survey, *Beyond LDCM: The Future of Landsat*.

3413. Taylor-Francis/Routledge Distinguished Lecture on Geomorphology and Society (Sponsored by Geomorphology Specialty Group)
Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Mark A. Fonstad, University of Oregon
 CHAIR(S): Mark A. Fonstad, University of Oregon
 Introducer: Mark A. Fonstad
12:45 Francis Magilligan*, Dartmouth College, *Geomorphic and hydrologic adjustments in disturbed watersheds: The response and recovery of New England watersheds to floods, dams, and land use/land cover change*.

3414. Rethinking technology and sustainability in the space economy #3: Communities, regions, and the challenge of planning socio-technical transitions (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)
Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): James Murphy, Clark University; David Gibbs, University of Hull
 CHAIR(S): Lars Coenen, Lund University, Sweden
12:40 Henning Wilts*, TU Darmstadt, *The spatial dimension of infrastructures and their ambivalence for eco-innovations*.
1:00 Anne Maassen*, University of Durham, United Kingdom, *The 'badlands' of urban sustainability*.
1:20 Andres Luque, Postgraduate Researcher*, Durham University; Jon Silver, Postgraduate Researcher, Durham University, *The Sociotechnical Landscapes of Solar Technology Experimentation in Cities of the Global South*.
1:40 Sara Silva Oliveira*, UFBA; Ihering Guedes Alcoforado, UFBA, *Multi-scalar conflict in the technological transition: the case of the urban transport in Salvador, Brazil*.
 Discussant(s): David Gibbs, University of Hull

SUNDAY, FEBRUARY 26 • 12:40 PM - 2:20 PM • 3400**3415. Geographies of Extractive Industries III: Institutions (Sponsored by Cultural and Political Ecology Specialty Group)**

Room: Madison Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Jessica Budds, The Open University; Leonith Hinojosa-Valencia, The Open University
 CHAIR(S): Jessica Budds, The Open University
12:40 Eleanor Andrews*, Penn State Geography Department, *Landowner Coalitions in the Marcellus Shale: A Political Ecology Perspective.*
1:00 Leah S Horowitz, PhD*, Hawai'i Pacific University, *Neoliberalism in Partnership's Clothing: Corporate Social Responsibility, Complex Communities, and Business-as-Usual in New Caledonia.*
1:20 Caitlin A McElroy*, Oxford University, *Corporate Foundations in the Mining Industry: Institutional Challenges of Private Sector Involvement in Development.*
1:40 Vanessa Empinotti, PhD*, University of São Paulo, *Water Use And The Brazilian Aluminum Sector: The Impact of Water Footprint And The Institutionalization of Water Use In Governance Practices.*
 Introducer: Tom Perreault

3416. Urban Geography Plenary Lecture: Topological City (Sponsored by Urban Geography Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Robert Lake, Rutgers University; Sarah Elwood, University of Washington
 CHAIR(S): Sarah Elwood, University of Washington
 Introducer: Robert Lake
 Introducer: Sarah Elwood
12:50 Anna Secor*, University of Kentucky, *Topological City.*
 Discussant(s): Jennifer Fluri, Dartmouth; Lynn Staeheli, Durham University

3417. Building Resilience to Environmental Hazards: Space, Time, and Scale (Sponsored by Hazards Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Tom Cova, University of Utah
 CHAIR(S): Tom Cova, University of Utah
 Discussant(s): Michael Goodchild, University of California - Santa Barbara
 Panelists: Rae Zimmerman, New York University- Institute; Susan Cutter, University of South Carolina; Thomas Wilbanks, Oak Ridge National Laboratory; Craig Colten, Louisiana State University

3418. Geographies of Media 8: Visualising the Visceral II, Texting the Film (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group, Communication Geography Specialty Group)

Room: Murray Hill Suite B, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Christopher Lukinbeal, University of Arizona; Jessica Jacobs, Royal Holloway University of London
 CHAIR(S): Christopher Lukinbeal, University of Arizona
 Panelists: Vera Zambonelli, University of Hawaii; Dydia DeLyser, Louisiana State University; Joern Langhorst, University of Colorado Denver, College of Architecture and Planning; Scott Rodgers, Birkbeck, University of London; Jessica Jacobs, Royal Holloway University of London

3419. Grabbing 'Green': Markets, Environmental Governance and the Materialization of Natural Capital I - The Great Green Land Grab: Property, Authority and Justification (Sponsored by Cultural and Political Ecology Specialty Group, Development Geographies Specialty Group)

Room: Nassau A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Benjamin Neimark, Temple University; Catherine Corson, Mount Holyoke College
 CHAIR(S): Ken MacDonald, University of Toronto
12:40 Benjamin Neimark*, Old Dominion University, *The land grab heard around the world: Property rights, land deals, and alternative energy production in Madagascar.*
12:55 Dianne E. Rocheleau, Ph. D.*, Clark University; Dianne E Rocheleau, Ph. D., Professor, Clark University School of Geography, *The Great Green Land Grab in Chiapas: Shopping for Pixels, Purchasing Polygons and Making/Un-making Territories.*
1:10 Jia Ching Chen*, University of California, Berkeley, *Solar Farms and Carbon Credit Forests: New Land Enclosures, Natural Capital and Rural Transformation in China.*
1:25 Poul Wisborg*, Norwegian University of Life Sciences, *The greening of a transnational land deal in Ghana: production, environment and justification.*
1:40 Nancy Lee Peluso*, University of California, *Grabbing or releasing Java's Political Forest? The "Un-enclosure" of Teak and its Spatial Effects.*

3420. Ethnographies of Residential Property Ownership (Sponsored by Qualitative Research Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Stephen Boatright, CUNY Graduate Center
 CHAIR(S): Stephen Boatright, CUNY Graduate Center
12:40 Jill Siegel*, University of Pennsylvania, *Limited Equity Co-ops as an Alternative to Individual Homeownership.*
1:00 Clement Thery*, Columbia University, *Making Money off People, Making Money with People: Economic action and Moral Order among Landlords in Low-Income Minority Neighborhoods in Brooklyn, NY.*
1:20 Whitney Smith*, The Pennsylvania State University, *"Foreclosureville, USA": Building Homes and Constructing Meaning in Stockton, California.*
1:40 Massimo Bricocoli*, DiAP-Politecnico di Milano, *The Neighborhood Politics of Residential Property. Ethnographic Explorations in Baltimore and Milan.*
 Discussant(s): Amanda Huron, Graduate Center, CUNY

3421. GIS: Techniques

Room: Regent Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Amanda Mullett, Kent State University
12:40 Konty Kevin*, New York City Department of Health, *Extending the use of a local health survey to finer spatial resolutions.*
1:00 Ray Caputo*, U.S. Army Geospatial Center, *U.S. Army use of Geospatial PDF (GeoPDF).*
1:20 Kevin Flaherty*, CSULB, *How You Know What You Know: Triangulating Methods Can Lead to Greater Accuracy.*
1:40 Amanda Mullett*, Kent State University, *An Assessment of the Accuracy of Interpolation Methods for Estimating Early Paleoindian Mobility Patterns.*
2:00 Abhishek K. Kala*, University of North Texas; Samuel Atkinson, Professor, Environmental Science, University of North Texas; Armin Mikler, Professor, Computer Science, University of North Texas, *West Nile virus disease prediction modeling using GIS techniques.*

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3422. Spatial Analysis & Methods I

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kristen Grady, The Graduate Center The City University of New York

- Lily Cha, California State University, Fresno; Stuart McFeeters, California State University, Fresno; James Ryan McHenry, California State University, Fresno; Joshua Moulton, California State University, Fresno; Thomas C Shelton*, California State University, Fresno; Maya Tjahjadi, California State University, Fresno; Randy J. Wolter, California State University, Fresno, *A Study Identifying Areas Underserved by Public Transportation in the Fresno/Clovis Metropolitan Area.*
- Thomas C. Davinroy, Dr.*, Metropolitan State College of Denver, *Improving Student Learning Through Enhanced Visualization of Graphic Images.*
- Anthony Ingato*, Kean University; Seth Docherty, NJDEP; Feng Qi, Kean University, *A visual exploration of time-space in the New York Metropolitan Area.*
- Dan He*, College of Arts and Sciences of Beijing Uion University; Dan He, *Research on the Impact of Rail Transit on Urban Housing Prices in Beijing.*
- Robert Hickey, Dr.*, Central Washington University, *Wasted Space - the US Interstate System.*
- Stefan McFayden*, James Madison University, *Green Space at the Neighborhood Scale: The Importance of Geography to "Smart Growth".*
- Genevieve Holdridge*, University of Georgia; Stuart Swiny, Professor, University of Albany, *Function and use of Space at Sotira-Kaminoudhia, an Early Bronze Age site on Cyprus.*
- Jason Kaufman*, University of Tennessee, *Analysis of spatial relationships in hot spot analysis of violent crime data in the city of Nashville, Tennessee.*
- Takahito KAMIZAKI*, Nihon University Graduate School; Mitsuru SANO, Nihon University, *Public Transportation Projects and Residents' Actual Usage of Transportations in Japanese Local Cities. With an Example of Iyo Railway.*
- Emily Richard*, Wittenberg University, *A GIS Analysis of Smart Growth in Gaithersburg, Maryland.*
- Igor Vojnovic*, Michigan State University, *An Analysis into Urban Built Environments and the Social Dynamics of Accessibility and Travel in the Detroit Region.*
- Liangjin Yao*, Department of Earth and Environmental Systems, Indiana State University; Susan Berta, Department of Earth and Environmental Systems, Indiana State University, *Analysis of Urban Social-economic Attributes Using Wavelet Based Texture Classification.*
- Clinton E Davis*, West Virginia University Department of Geology and Geography, *Exploring the City - Exploratory Spatial Data Analysis, Hypothesis Building, and Neighborhood Disorder.*
- Chelsea Gilliam*, Penn State University; Rui Li, Penn State University; Jinlong Yang, Penn State University; Brian Chorman, Penn State University, *Placement of you-are-here maps: An empirical study using multiple approaches.*
- Jingwei Ning*, University of Cincinnati, *Measuring Disparities in Access to Healthy Foods in Local Environments: A Case Study of Hamilton County, Ohio.*
- Haiyong Zhu*, *Design of Spatial Database Management System Based on Oracle Spatial.*
- Jennifer Collins, PhD*, University of South Florida; Charles Paxton, University of South Florida; Tracy Hansen, Global Systems Division, NOAA; Kyle Hirvela, University of South Florida; Jason Simms, University of South Florida; Saurabh Kotiyal, University of South Florida, *A Warning System Which Considers Social Characteristics of Population at Risk.*

Richard Deal*, Edinboro University of Pennsylvania, *Historical Variation of European-Named Breweries in the United States.*

Peter S Lindquist*, University of Toledo; Krithica Kantharaj, University of Toledo, *Midwest FreightView: A Data Delivery Resource for Transportation.*

Greg Reininger*, Texas Christian University, *Fort Worth's Sundance Square: Simulacrum of Hell's Half Acre.*

Yuan Huang*, Central Michigan University, *A GIS-based method to choose a new capital for China.*

Rebecca Lee Hill*, George Mason University Student; Kevin M Curtin, PhD, George Mason University, *LED Distribution: Cambodia.*

Julia Falk, MA Geography*, University of Cincinnati, Ohio Department of Geography, *The Locations and Patterns of Uranium End Users in the United States.*

Lori M Cornell*, State University of New York College of Environmental Science and Forestry; Tischa Muñoz-Erickson, Arizona State University; Myrna Hall, State University of New York College of Environmental Science and Forestry, *Creating Informed Land Use Scenarios: Analysis of Stakeholder Identified Areas of Conservation Value.*

Yeny Natalia Garzón Cubillos, 53075827*, Universidad de los Andes, *The Power of GIS in the spatial organization and understanding of the territory.*

Brad A. Bays*, Oklahoma State University, *A Geomatic Model for Reconnaissance-Level Surveys in Cultural Resources Management (CRM).*

Sarah E Schafer*, University of Toledo; Peter S. Lindquist, University of Toledo, *A GIS Connection Between Brownfield Sites, Transportation and Economic Development in Toledo-Lucas County, Ohio.*

Kejing Peng*, Ohio State University, *Impact on the Accessibility for Passenger of High-speed Railway in China - A Schedule Table Based Approach.*

Marc Thompson*, Bob Hickey, PhD, *Leveraging Google Earth and Open-Source Software for Resource Management.*

Xi Gong*, Texas Center for Geographic Information Science, Department of Geography, Texas State University-San Marcos; Tao Pei, State Key Laboratory of Resources and Environmental Information System, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences; F. Benjamin Zhan, Texas Center for Geographic Information Science, Department of Geography, Texas State University-San Marcos, *Clustering Methods of Trajectory Data: A Review.*

Yi-Chen Wang*, National University of Singapore; Chen-Chieh Feng, National University of Singapore, *Patterns and trends in land-use land-cover change research explored using self-organizing map.*

Jill Braly*, University of North Carolina at Chapel Hill; Sophia Giebultowicz, University of North Carolina at Chapel Hill; Carolina Perez-Heydrich, University of North Carolina at Chapel Hill; Mohammad Ali, International Vaccine Institute, Seoul, Korea; Mohammad Yunus, International Centre for Diarrhoeal Disease Research, Bangladesh; Mike Emch, University of North Carolina at Chapel Hill, *Integration of Spatial and Social Network Analysis in Understanding Diarrheal Disease Transmission: a Case Study in Rural Bangladesh.*

Masaaki Akazawa*, Nihon University Graduate School; Mitsuru Sano, Nihon University, *Improvement and a usage of the handy GPS with the digitization of the map manufacture.*

Scott Evans*, Shippensburg University; Jan Smith, Shippensburg University, *Mapping Student Geodemographics at Shippensburg University: A GIS Approach.*

Kristine Wright*, Northeastern Illinois University, *Excel Tables to Google/GIS Maps - Just 4 Clicks of a Mouse Button!.*

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Pontus Hennerdal*, Stockholm University, *The World Ends where the Map Ends*.

Maria Elisa Christie*, Virginia Tech; Candice Luebbing, Virginia Tech; Laura Zselezky, Virginia Tech; Keri Agriesti, Virginia Tech; Mary Harman, Virginia Tech, *Participatory Mapping and Gendered Space: Kitchenspace, Value Chains, Peanuts, and Pesticides*.

Jeffrey J Dunn*, University of Connecticut; Jason Hine, Mystic Seaport, *Mapping the Morgan: Maritime Memory Preserved*.

Hannah J. Haynie*, University of California, Berkeley, *Mapping California Languages for Heritage and Scholarly Communities*.

Kristen Grady*, The Graduate Center The City University of New York, *Mapping Emotion and Experience in the Manhattan Valley Neighborhood of New York City*.

Marie-Antoinette Le Reste*, *Mapiaries and Topospheres*.

Alejandrina Canelo*, Kean University; Feng Qi, Kean University; Fei Du, UW-Madison, *Exploratory Analysis of Students Space-time behavior with Regard to Flu Infection*.

3423. Topics in Human Geography and Geography Education

Room: Sutton Parlor Center, Hilton, Second Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Keller Kahn, University of calgary

12:40 Anthony Hilbert*, SUNY at Buffalo, *Fair trade coffee consumers: A case of diminishing ethical utility?*.

12:45 Sandra Hof*, Justus-Liebig-University Giessen, Germany; Stefan Hennemann, Justus-Liebig-University, Giessen, Germany, *Teacher training in geography in Germany - (Mis)match between acquired and required competences*.

12:50 Yue Ray Gong*, University of Washington, *The Governmentality of the Local Government in Manufacturing Towns in China ? A Case Study of Dongguan*.

12:55 Leif Moenter, Dr. (PhD)*, Ruhr-University Bochum; Sandra Hof, Dr. (PhD), Justus-Liebig-University Gießen, *geography [sic!] standards of geography education - an international comparison*.

1:00 Carina Peter*, University of Giessen; Sandra Hof, University of Giessen; Johann Bernhard Haversath, University of Giessen, *Problem-solving learning and experimenting in geography education in middle schools an intervention study Is it possible to increase the students ?acquisition of knowledge" in geography due to problem-solving learning and experimenting?*.

1:05 Victoria E Wilds*, Penn State University; Caroline H McClure*, University of Wyoming, *Speak Up For Geography!: Collegiate Involvement in TGIF*.

1:10 Sascha Haffer*, Giessen University; Sandra Hof, Giessen University; Johann Bernhard Haversath, Giessen University, *Standards in geography education in Germany - An empirical study about the awareness level, the knowledge and the attitude of teachers*.

1:15 Jennifer Jensen*, Texas State University, San Marcos, *An Interactive Visual Tool to Aid in Color Theory Concepts and Understanding*.

1:20 Liat Racin*, King's College London, *Community Gardens and Urban Identity: A Case Study Examining Community Gardeners in the South Bronx, NYC, U.S.A.*

1:25 Julian V. Minghi*, University of South Carolina, *The Clandestine Franja Partisan Hospital: Yugoslavia Then, Slovenia Now*.

1:30 Reilly B Wilson, Undergraduate Student*, Temple University, *Playgrounds as Sites of Civil Society Participation Among Young Children*.

1:35 Julia de Montigny*, Concordia University, *Exploring spaces for queer youth: Beyond institutional discourses and regulatory imaginations*.

1:40 Steven P. Ericson*, Oklahoma State University; Christopher

P. Storm, Oklahoma State University, *She Shoots, She Scores: NCAA Division I Women's Basketball Recruiting in the Southwestern United States*.

1:45 Will Mitchell*, Pennsylvania State University, *Geographical Exploration of Seamus Heaney's Poem "From the Republic of Conscience"*.

1:50 Keller Kahn*, University of calgary, *KKahn Abstract feb 2010*.

3425. Political and Economic Transformation in China / Hong Kong

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Guangwen Meng, College of urban and environmental science, Tianjin Normal University

12:40 Christopher Airriess*, Ball State University, *Moral Hazard and Governing Boat Squatter Resettlement in Late Colonial Hong Kong*.

1:00 Alex Colucci*, Kent State University, *Competing Representations & Creating Place: Contesting Uyghur Identity during the 'War on Terror'*.

1:20 Sarah Y.T. Mak*, University of California, Santa Cruz, *Hong Kong's Changing City Centre: The Politics of Redevelopment and Heritage Preservation*.

1:40 Dylan Brady*, University of Oregon, *Chinese Nationalism Through a Theoretical Lens*.

2:00 Guangwen Meng, Professor, PhD*, College of urban and environmental science, Tianjin Normal University, *Transformation of China's Fee Economic Zones since the 1980s*.

3429. Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)

Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Julie Cidell, University of Illinois

12:40 David Greene, Oak Ridge National Laboratory

Discussant(s): Mark Horner, Florida State University

3430. Sustainable communities 3

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University

CHAIR(S): Lenore L. Newman, University of the Fraser Valley

12:40 Russell M. Smith*, Winston-Salem State University, *Sustainable Urbanism: An Investigation into LEED-Neighborhood Development (LEED-ND) Projects within the United States*.

1:00 Yehuda Klein*, CUNY - Graduate Center; Hildegaard Link, CUNY Graduate Center; Jessica Miller, CUNY Graduate Center, *Universities in service of the community: experiences in New York City*.

1:20 Sandra J Garren*, University of South Florida; Christopher Niedt, Hofstra University; Robert Brinkmann, Hofstra University; Lawrence Levy, Hofstra University, *A decade of dramatic demographic change in Long Island: Implications for community-based and regional sustainability efforts*.

Introducer: Lenore L. Newman

1:41 Jeremy Bryson*, Northwest Missouri State University, *Smoke Screen: Health, Aesthetics, Sustainable Urbanization, and Agricultural Field Burning in North Idaho*.

3431. Author Meets Her Critics: Kristina Gibson's Street Kids, Homeless Youth, Outreach and Policing New York's Streets (Sponsored by Urban Geography Specialty Group)

Room: Petit Trianon, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Lorraine Dowler, Penn State University

CHAIR(S): Lorraine Dowler, Penn State University

Introducer: Lorraine Dowler

Panelists: Kate Swanson; Don Mitchell, Syracuse University; Stuart C. Aitken, San Diego State University; Kristina Gibson, University of Connecticut

SUNDAY, FEBRUARY 26 • 12:40 PM - 2:20 PM • 3400**3435. The inner-conference 3**

Room: *East Suite, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Brandon B Derman, University of Washington
 CHAIR(S): Brandon B Derman, University of Washington
 Panelists: Harlan Morehouse; Renata Blumberg, University of Minnesota; Brett Story, University of Toronto; Jessica Miller, CUNY Graduate Center

3436. The Role of Geographers in Advancing Science and Education Capacity in Haiti (Sponsored by Association of American Geographers)

Room: *Green Room, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Jean McKendry, Association of American Geographers
 CHAIR(S): Jean McKendry, Association of American Geographers
 Panelists: Jean McKendry, Association of American Geographers; Gary Machlis, National Park Service; Robert E. Maguire, George Washington University

3437. Bodies, Borders, and Territory II (Sponsored by Political Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *Harlem Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Pavithra V. Kathanadhi, University of North Carolina, Chapel Hill; Nathan Swanson, University of North Carolina-Chapel Hill
 CHAIR(S): Agnes Chew, UNC Dept. of Geography
 Introducer: Agnes Chew
12:50 Jason Dittmer*, University College London, *Sex with Captain America: Gender and sexuality in nationalist superhero comics.*
1:08 Elizabeth R. Johnson*, University of Wisconsin - Madison, *Littoral Bodies: Locating Underwater Mines, Lobsters, and Lobster Robots.*
1:26 Kathryn Cassidy*, Queen Mary, University of London, *Bodies, Gender and Trading at the Ukrainian-Romanian Border.*
1:44 Nathan Swanson*, University of North Carolina-Chapel Hill, *Embodying Tahrir: Bodies and Territory in the 2011 Egyptian Uprising.*
2:02 Katelyn Parady*, Arizona State University; Kevin McHugh, Arizona State University, *Blue Water is Coming: Substance and Being in a Chemicalizing Landscape.*

3439. The Political Ecology of Alternative Food Systems

Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Elizabeth Louis; Nicole Milne, University of Hawaii Manoa
 CHAIR(S): Mary Conran
12:40 Peter Vandergeest*, York University, *Alternative Agriculture and Political Divisions in Thailand.*
12:55 Elizabeth Louis*, University of Hawaii'i, Department of Geography, *The Political Ecology of Food Sovereignty Movements in Neoliberal India.*
1:10 Ryan E. Galt*, University of California, Davis, *Toward a political ecology of community supported agriculture (CSA).*
1:25 Sapna E. Thottathil*, University of California, Berkeley, *From agrarian crisis to alternatives in globalized, grassroots Kerala: The origins of South India's organic movement.*
1:40 Nicole Milne, PhD Candidate*, University of Hawaii Manoa, *The remains of agriculture: landscape and livelihood production in East Hawaii, Hawaii Island.*
 Discussant(s): Derek Hall, Wilfrid Laurier University

3440. Ethnic Geography Specialty Group: A Celebration of Twenty Years (Sponsored by Ethnic Geography Specialty Group)

Room: *Hudson Suite, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Stavros Constantinou, Ohio State University
 CHAIR(S): Stavros Constantinou, Ohio State University
 Panelists: Stavros Constantinou, Ohio State University; Thomas D. Boswell, University of Miami; Ira Sheskin, University of Miami; Carlos Teixeira, University of British Columbia Okanagan

3441. Critical Physical Geography II (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)

Room: *Midtown Suite, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Rebecca Lave, Indiana University Dept of Geography; Matthew W. Wilson, University of Kentucky
 CHAIR(S): Matthew W. Wilson, University of Kentucky
 Introducer: Matthew W. Wilson
 Panelists: Rebecca Lave, Indiana University Dept of Geography; Leigh Johnson, University of Zurich; Gregory Simon, University of Colorado Denver; Nadine Schuurman, Simon Fraser University; Chris Van Dyke, University of Kentucky

3442. Situating Urban Sustainability in the Context of Urban Theory and Policy I (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *New York Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Constance Carr, University of Luxembourg
 CHAIR(S): Christian Schulz, Université Du Luxembourg
12:40 Markus Hesse*, University of Luxembourg, *The "Kirchberg-Syndrome", or: big projects in a small country. Theoretical reflections on the exceptional urbanism of Luxembourg (Luxembourg).*
1:00 Peter Hall*, Simon Fraser University; Pamela R Stern, Simon Fraser University, *Implicated in regional sustainability: two readings of urban waterfront redevelopment.*
1:20 Aidan While*, University of Sheffield, *Climate policy, sustainability and the prospects for urban environmental policy.*
1:40 I-Chun Catherine Chang*, University of Minnesota - Minneapolis; Eric Sheppard*, University of Minnesota - Minneapolis, *China's Eco-cities as Variegated Urban Sustainability: Dongtan Eco-city and Chongming Eco-island.*
 Discussant(s): Yonn Dierwechter, University of Washington - Tacoma

3444. Developing a Conceptual Framework and Best Practices for Community Geography Research and Pedagogy 3: A Focus on Local Knowledges (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))

Room: *Conference Room B, Sheraton, Lower Level* (Panel Session)
 ORGANIZER(S): Timothy Hawthorne, Georgia State University; Katherine Hankins, Georgia State University
 CHAIR(S): Kate Derickson, Georgia State University
 Panelists: Margrete Merrick, Portland State University; Katherine Hankins, Georgia State University; Janni Sorensen, UNC Charlotte; Pablo Bose, University of Vermont; Amy Work, Institute for the Application of Geospatial Technology; Michael Rios, University of California, Davis

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- 3445. Geographies of Ottoman and Republican Turkey, 3 - urban and gendered spaces of Ottoman and republican Turkey (Sponsored by Middle East Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Kyle Evered, Michigan State University; Amy Mills, University of South Carolina
 CHAIR(S): Kyle Evered, Michigan State University
12:40 Michael Ferguson*, McGill University, *The Tomb of St. Polycarp in the urban history of late Ottoman and early Republican Izmir (1880-1940)*.
1:00 Amy Mills*, University of South Carolina, *Satire and Urban Image in Nationalist Era Turkish Editorial Cartoons*.
1:20 Begum Basdas, Dr. Assist. Prof.*, Istanbul Yeditepe University, Anthropology, *sexual publics and feminist politics: re-formulating women's subjectivities in contemporary Turkey*.
1:40 Brita Lorentzen*, Cornell University; Peter I. Kuniholm, PhD, Cornell University; Tomasz Wazny, PhD, Cornell University, *Cedar of Lebanon (Made in Anatolia): Reconstructing Late Ottoman Timber Trade Networks with Dendrochronology and Dendroprovenancing*.
- 3446. For Felix: Transversal Geographies II (Sponsored by Cultural Geography Specialty Group)**
Room: Conference Room D, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): John-David Dewsbury, University of Bristol; Thomas Jellis, University of Oxford
 CHAIR(S): Joe Gerlach, Oxford University
 Introducer: Joe Gerlach
1:00 Anja Kanngieser, Dr*, RMIT University Melbourne, *Transversal Subjectivities: The Performative Encounter in Radical Politics*.
1:20 Thomas Jellis*, University of Oxford; Joe Gerlach*, University of Oxford, *Hitch-hiking Guattari*.
1:40 John-David Dewsbury*, University of Bristol, *Refrains of Lost Time: territories, flows, machines and universes*.
 Discussant(s): Derek McCormack, University of Oxford
- 3447. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Principles and Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)**
Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Shaowen Wang, University of Illinois at Urbana-Champaign; Sean Ahearn, Hunter College - City University
 CHAIR(S): E. Lynn Usery, U.S. Geological Survey
12:40 Sara Flecher*, University of South Carolina, *Is the use of the CyberGIS framework appropriate for flux footprint modeling?*.
1:00 Timothy Nyerges*, University of Washington; Mary Roderick*, University of Washington, *CyberGIS Development: Two Approaches to Emergency Management Innovation*.
1:20 Dan Dong*, Department of Geography at University of Illinois Urbana Champaign; Shaowen Wang, Department of Geography at University of Illinois Urbana Champaign; Carolyn White, Department of Geography at University of Illinois Urbana Champaign; Anand Padmanabhm, Department of Geography at University of Illinois Urbana Champaign, *Assessing design-oriented GIS requirements: An environment management case study*.
1:40 Jing Deng*, China University of Geosciences, Beijing; Wenwu Tang, UNCC; Wenpeng Feng, UNCC; Ross K. Meentemeyer, UNCC, *Automatic Calibration of a Spatial Simulation of Land Development with a High-performance Computing Approach*.
- 3448. Spatio-Temporal Data Mining and Visual Analytics (2) (Sponsored by GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Geography of Religions and Belief Systems Specialty Group, Cartography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Diansheng Guo, University of South Carolina
 CHAIR(S): May Yuan, Univ of Oklahoma
12:40 Wei Luo*, GeoVISTA Center, Department of Geography, Penn State University; Peifeng Yin, PDA Research Group, Department of Computer Science and Engineering; Frank Hardisty, GeoVISTA Center, Department of Geography Penn State University; Alan M. MacEachren, GeoVISTA Center, Department of Geography Penn State University, *Understanding How Dynamic Social Interaction Shapes the Space: A Geovisual Analytic Approach*.
1:00 Sumang Liu*, Shih-Lung Shaw, *An Exploratory Analysis of Spatio-Temporal Interaction Patterns of Online Social Network Users*.
1:20 Ping Yin*, University of Georgia, *Hierarchical Bayesian modeling of the spatio-temporal patterns of cancer mortality in Metropolitan Atlanta (1994-2008) and their relationship with socioeconomic status*.
 Discussant(s): May Yuan, Univ of Oklahoma
- 3450. Geography and Geoscience: Connection Points for Complementary Disciplines (Sponsored by Geography Education Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**
Room: Conference Room H, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Christopher M. Keane, American Geological Institute; Michael N. Solem, Association of American Geographers
 CHAIR(S): Christopher M. Keane, American Geological Institute
 Panelists: Dagmar Budikova, Illinois State University; Andrew Comrie, University of Arizona; George Leblanc, National Research Council Canada; Robert Pavlowsky, Missouri State University; Steven Fleming, Department of Geography and Environmental Engineering, USMA
- 3451. American Class Wars I (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Patrick Vitale, University of Toronto; Robert B. Ross, Point Park University
 CHAIR(S): Clayton Rosati, Bowling Green State University
12:40 Matthew Farish*, Department of Geography, University of Toronto, *'Wake Up, Sign Up, Look Up!': The Ground Observer Corps and the Making of the Military Normal*.
1:00 Jacquelyn Southern*, York College, CUNY, *"I Would Not Dream of Living in Queens": Class, Growth, and Nuclear Power*.
1:20 Patrick Vitale*, University of Toronto, *Nuclear suburbs: Learning to live with the military-industrial complex*.
1:40 Michael Hale*, Bowling Green State University, *Obama the Class Warrior?*.
 Discussant(s): Mona Domosh, Dartmouth College

SUNDAY, FEBRUARY 26 • 12:40 PM - 2:20 PM • 3400**3452. Integrated Natural Disaster Reduction and Sustainable Development in China I (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)**

Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Xinyue Ye, Bowling Green State University;

Peijun Shi, Beijing Normal University

CHAIR(S): Peijun Shi, Beijing Normal University

12:40 Jing'ai Wang*, School of Geography, Beijing Normal University, Beijing 100875, China; Peijun SHI, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, Beijing 100875, China; Ying WANG, State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, Beijing 100875, China; Yao ZHOU, 1. School of Geography, Beijing Normal University, Beijing 100875, China; 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China; Yaojie YUE, 1. School of Geography, Beijing Normal University, Beijing 100875, China; 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China; Yuanyuan YIN, 1. School of Geography, Beijing Normal University, Beijing 100875, China; 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China; Qingqing SHI, Department of Geography, University of Maryland, 2181 LeFrak Hall, College Park, MD 20742, USA, *The design and compilation of Atlas of National Disaster Risk in China*.

1:00 Yao-jie Yue*, 1 School of Geography, Beijing Normal University, Beijing 100875, China. 2 Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China.; Yao ZHOU, 1 School of Geography, Beijing Normal University, Beijing 100875, China. 2 Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China.; Yuanyuan YIN, 1 School of Geography, Beijing Normal University, Beijing 100875, China. 2 Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, China.; Guofang HU, 1 School of Geography, Beijing Normal University, Beijing 100875, China.; Jing'ai WANG, 1 School of Geography, Beijing Normal University, Beijing 100875, China. 3 State key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, Beijing 100875, China., *Frost risk assessment of winter wheat in China: a approach integrate growing season meteorological index and hybrid fuzzy neural network model*.

1:20 David Shankman*, University of Alabama, *Flood Risk and River Management in China's lower Changjiang (Yangtze River) Basin*.

1:40 Qing Tian*, University of Michigan; Dan Brown, University of Michigan; Shuming Bao, University of Michigan, *Assessing Well-being for Sustainable Development in the Context of Flood Hazards in the Poyang Lake Region of China*.

Discussant(s): Yanhua Liu

3453. Spatial Optimization and Analysis I (Sponsored by Population Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Daoqin Tong, University of Arizona

CHAIR(S): Daoqin Tong, University of Arizona

12:40 Kamyoun Kim*, Kyungpook National University; Hyun Kim, Department of Geography, University of

Tennessee at Knoxville; Yongwan Chun, School of Economic, Political and Policy Sciences, University of Texas at Dallas, *Developing a heuristic algorithm for a p-functional regions problem*.

1:00 Eric Delmelle*, UNC-Charlotte; Thill Jean-Claude, PhD, UNC Charlotte; Peeters Dominique, PhD, Centers for Operations Research and Econometrics, Université Catholique de Louvain-la-Neuve, Belgique; Isabelle Thomas, PhD, Centers for Operations Research and Econometrics, Université Catholique de Louvain-la-Neuve, Belgique, *A multi-period capacitated school location problem with modular equipments and age restrictions*.

1:20 Richard S Middleton*, Los Alamos National Laboratory; Gordon N Keating, Los Alamos National Laboratory, *Geospatially optimizing CO2 capture and storage infrastructure with geologic uncertainty*.

1:40 Ningchuan Xiao*, The Ohio State University, *A Multiple Objective Approach to Cartographic Label Placement Problems*.

2:00 Daoqin Tong*, University of Arizona; David Plane, School of Geography and Development, University of Arizona, *Delineation of spatially integrated regions: An inter-person distance approach*.

3454. The State of the Discipline: The Geography of Geography

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Rachel S. Franklin, Brown University

CHAIR(S): Rachel S. Franklin, Brown University

12:40 Jose Munoz-Rojas, Dr.*, James Hutton Institute; Felix Angel Gonzalez-Penaloza, Dr, Universidad de Sevilla; Cayetano Benavent-Vinuales, Msc, Itsmo94, *Spanish Geography is dead; long live (Spanish) geography; some critical reflections on the recent evolution and trends of Spanish Geography within academia (and beyond)*.

1:00 Rachel S. Franklin*, Brown University, *Academic Jobs in Geography in the United States: Temporal Trends, Geographic Patterns, and the State of the Discipline, 1990-2011*.

1:20 Waverly Ray*, Texas State University-San Marcos, *The State of Geography Education in the United States*.

1:40 Kira A. Nugnes*, AMS Education Program; James A. Brey, Director, AMS Education Program; Ira W. Geer, AMS Education Program; Joseph M. Moran, AMS Education Program; Robert S. Weinbeck, AMS Education Program; Elizabeth W. Mills, AMS Education Program, *AMS Professional Development Programs: A Geoscience Foundation for Precollege Educators*.

2:00 Grant Saff, Professor*, Hofstra University, *Using Interdisciplinary Programs to help grow enrollments in undergraduate geography*.

3456. Population, Land Use and Urban Dynamics

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Weronika Kusek, Kent State University

12:40 Judy Colby-George*, University of Maine; Kathleen Bell, University of Maine; Charles Colgan, University of Southern Maine, *Landowner Choices and Landscape Level Change*.

12:45 Ruca Huang*, Peking University, Lincoln Institute, *The housing price distribution pattern between the two employment centers of differed sizes in Beijing*.

12:50 Christopher Small, Lamont Doherty Earth Observatory, Columbia University; Jacqueline Lu*, NYC Parks, Forestry, Horticulture & Natural Resources; Jessie Braden, Pratt Center for Community Development, *Two Decades of Change in New York City Greenspace*.

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- 12:55** Patrick Jantz*, University of California, Santa Barbara, *The Influence of Urban Growth Boundaries on Housing Growth in Low Density Areas in the U.S.*
- 1:00** Adam L. Davidson, MCP*, CUNY; Jonathan R. Peters, PhD, CUNY; Hyoung S Shim, CUNY, *Why can't I get a cab? A look into the geography of where cabs roam in New York.*
- 1:05** Rachel Passer*, Binghamton University, State University of New York, *Obesity: Locations of Food Retailers and their Effect on the Epidemic in Onondaga County, New York.*
- 1:10** Linda Torricelli*, Binghamton University, *Asian and Latino Foreign Borns in Portland, Oregon.*
- 1:15** Thomas Fischetti*, U.S. Census Bureau, *Population Change in Puerto Rico: 1900 to 2010.*
- 1:20** Amanda Casares*, Binghamton University, *Disparities in SES between Native-Born and Foreign-Born Blacks by country in Paterson, New Jersey, 2000-2010.*
- 1:25** Weronika Kusek*, Kent State University, *Migration, Assimilation, and Transnationalism in the Context of Polish Labor Migrants in the UK.*

3457. Polanyian Economic Geographies 3 (Sponsored by Economic Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Jamie Peck, University of British Columbia; Martin Hess, University of Manchester

CHAIR(S): Sally Randles, University of Manchester, UK

12:40 Jamie Doucette, PhD*, Department of Geography, University of British Columbia, *Taking Sociological Marxism to Market: Polanyi, Gramsci, and the Critique of East Asian Political Economy.*

1:00 Pierre-Antoine Harvey*, Université de Montréal, *From Nested Innovators to Neoliberal Activists: Patterns of Multinational Engagement in the Public Policies Framework in Canada.*

1:20 KEAN FAN LIM*, University of British Columbia, *Redistribution begins where the capital is: A Polanyian comparative analysis of economic integration in post-WWII China.*

1:40 Julie Silva, PhD*, University of Maryland, College Park, *Social dynamics of market transition in remote regions: The case of tourism in Namibia.*

Discussant(s): Katharine Rankin, University of Toronto

3458. Honoring James O. Wheeler, Session II: Corporate Geography (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Business Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Hongmian Gong, Hunter College; Murray Rice, University of North Texas

CHAIR(S): Murray Rice, University of North Texas

12:40 Ronald Kalafsky*, University of Tennessee, *Expanding Markets: Canadian FDI in China.*

1:00 Milford B Green*, University of Western Ontario, *The Economic Geography of Institutional Investment in the United States: 2010.*

1:20 Sean B O'Hagan*, Nipissing University, *The Geography of Canadian Interlocking Directorates: Do they Relate to Brain Circulation?*

1:40 Murray D Rice*, University of North Texas; Donald I Lyons, University College Cork, *Fast-Growing Firms and Urban-Economic Evolution: Change in Canada's Headquarters City-System, 1987-2005.*

Discussant(s): Breandán Ó HUallacháin, Arizona State University

3459. High Speed Rail in America: Promise and Peril (Sponsored by Transportation Geography Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Michael Minn, University of Illinois

CHAIR(S): Andrew Goetz, University of Denver

Panelists: Bradley W. Lane, University of Texas at El Paso; Andrew Ryder, University of Portsmouth; Sean Tierney; Michael Ziolkowski, Ingram Micro; Anthony Perl, Simon Fraser University

3460. Geographies of Love III (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Sexuality and Space Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Eleanor Wilkinson, University of Leeds; Lynda Johnston, university of waikato

CHAIR(S): Lynda Johnston, university of waikato

12:40 Eleanor Wilkinson*, University of Leeds, *Learning to love again: 'Broken families' and state-sponsored coupledom.*

1:00 Natalie Oswin*, McGill University, *Migrant labour, queer time: surplus love in Singapore.*

1:20 Anne-Marie D'Aoust*, Carleton University, *Love Without Borders? Assessing the Governmentality of Marriage Migrants in Europe and the United States.*

1:40 Suzanne M Reimer, PhD*, University of Southampton; L Kate Boyer, PhD*, university of southampton, *Emotional labour and commoditised childcare in the contemporary UK.*

2:00 Heidi J. Nast, PhD*, DePaul University, *Looking for love: pet-i-filia and geographical crises of reproduction.*

3461. Agent-Based Models and Geographical Systems: Urban Networks

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Mark Birkin, University of Leeds; Mike Batty, UCL CASA

CHAIR(S): Mike Batty, UCL CASA

12:40 Einar Holm*, Umeå University; Lena Sanders, CNRS, *Laboratory Géographie-cités, University Paris 1, Agent-based spatial microsimulation for modeling emergence and long term dynamics of labor markets and settlement systems.*

1:00 Clémentine Cottineau*, CNRS, *A simulation tool for assessing the specificity of the evolutionary path of Russian cities.*

1:20 Timothy Gulden, PhD*, George Mason University; Ross A Hammond, PhD, Brookings Institution, *Beyond Zipf: An Agent-Based Understanding of City Size Distributions.*

1:40 Thomas LOUAIL*, CNRS, *Consequences of streets networks and accessibility patterns on cities' spatial organization : a computational study.*

2:00 Marie-Noëlle Comin*, CNRS, *analyzing and modelling interactions of actors involved in scientific networks.*

3462. Geographies of Well-Being I: Conceptualisations of Well-being (Sponsored by Health and Medical Geography Specialty Group)

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Tim Schwanen, University of Oxford

CHAIR(S): Tim Schwanen, University of Oxford

12:40 Sarah Atkinson*, Durham University, *Performance and Improvisation: alternative readings of embodying wellbeing.*

1:00 Sebastien FLEURET*, ESO-Angers, CNRS, France; Jerome PRUGNEAU, university of Angers, France, *Assessing Students' wellbeing in a spatial dimension.*

1:20 Rebecca M Schaaf, PhD*, Bath Spa University, *Well-being of Places? Using Complexity to Explore Collective*

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1:40 Marco Santangelo, Researcher*, Politecnico di Torino, *Urban representations of health and wellbeing. Cases from ten European cities.*

2:00 Karen Scott*, Newcastle University, *Localism and UK national wellbeing discourses.*

3463. Urban Applications of Remote Sensing

Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Jungho Im, SUNY ESF

CHAIR(S): Jungho Im, SUNY ESF

12:40 Michael Meinild Nielsen*, Department of Human Geography, Stockholm University, *Extraction of different types of urban characteristics from high resolution imagery.*

1:00 Steven Russell Jr*, University at Buffalo, *Percent Impervious Classification Using A Fusion of LiDAR and Supervised Classification Techniques.*

1:20 Brian Johnson*, Florida Atlantic University, *Classifying a high resolution image of an urban area using multi-scale context information.*

1:40 Amanda Lombardo Fruehau*, State of São Paulo University; Magda Adelaide Lombardo, Magda Lombardo, State of São Paulo University; Dalton Campacci Pavan, *Environmental quality and green area in megacities: the example of Sao Paulo-SP, Brazil.*

2:00 Jungho Im*, SUNY ESF; Zhenyu Lu, SUNY ESF, *House sales price modeling using remote sensing.*

3464. Lived Geographies 1: Accommodating health and community in urban spaces

Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Georgia Lindsay, University of California, Berkeley; Lusi Morhayim

CHAIR(S): Georgia Lindsay, University of California, Berkeley

12:40 Jonathan Bean*, Parsons The New School for Design, *Qualitative Methods in Urban Planning.*

1:00 Lusi Morhayim*, University of California, Berkeley, *Alternative uses of streets during Sunday Streets Events in San Francisco.*

1:20 Galen Cranz, PhD*, University of California, Berkeley, *Street Furniture in Berkeley, California.*

1:40 Jonna M. Knappenberger*, School of Anthropology, University of Arizona, *Fanfa: Soundscape, Intention, and Creolization at the City Limits.*

3465. Ecological Analysis using Historical Records (I): Reconstruction and Forest Change (Sponsored by Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Yi-Chen Wang, National University of Singapore; Barry Kronenfeld, Eastern Illinois University

CHAIR(S): Bruce Hoagland, University of Oklahoma

12:40 Mark Blumler, Assoc. Prof.*, SUNY-Binghamton, *Wild Oats in Chile and California.*

1:00 David Robertson*, State University of New York, Geneseo, *Savanna to Manor: Archival analysis of the Genesee Oaks.*

1:20 Clay McMullen, Queen's University; Ryan Danby*, Queen's University, *Changes in forest composition on the Frontenac Arch, Eastern Ontario, since 1796.*

1:40 Joy Cytryn*, Hunter College, *Using GIS in the Study of the Historical Ecology of Jamaica Bay.*

2:00 Megan Buchanan*, University of Minnesota; Justin L Hart, University of Alabama, *Canopy disturbance history in old-growth white oak sites of the eastern United States: Examination of long-term trends and broad-scale patterns.*

3466. The Role of Geographers in Promoting Leadership in Environmental Sustainability, Food Security and Health Policy Initiatives in Africa (Sponsored by Africa Specialty Group)

Room: *Liberty 4, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Isaac Luginaah, University of Western Ontario

CHAIR(S): Florence M. Margai, Binghamton University

12:40 Jenna Dixon*, The University of Western Ontario; Isaac Luginaah, Dr., The University of Western Ontario, *"We pay for ourselves and our children": Women's experiences with accessing health care in Ghana's Upper West Region.*

1:00 Eric Holthaus*, University of Arizona, *On the political ecology of weather insurance: an essay from Ethiopia.*

1:20 Peter A. Kwaku Kyem*, Central Connecticut State Univ, *Predicted Impacts of Climate Change, Structural Vulnerabilities and the need for Climate Change Adaptation in Africa.*

1:40 Isaac Luginaah*, University of Western Ontario, *Non-Timber Forest Products, Human Health and Environmental Change: The Case of Ghana.*

2:00 Florence M. Margai, PhD*, Binghamton University, *Neem: A Panacea for Africa's Ecological and Medical Woes?.*

3467. China's Shifting Urban-Rural Interfaces: I (Sponsored by China Specialty Group, Asian Geography Specialty Group)

Room: *Liberty 5, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Weiping Wu, Tufts University; Wei Xu, University of Lethbridge

CHAIR(S): Weiping Wu, Tufts University

12:40 Jonathon W Moses*, Norwegian University of Science and Technology; Kam Wing Chan, University of Washington, *Tracking Tiebout in China.*

1:00 Chen Chen*, University of California, Los Angeles, *Household Spatial Arrangements of Rural-Urban Migrants in China.*

1:20 Chris Webster*, Cardiff University; Fulong Wu, University College London; Fangzhu Zhang, University College London; Chinmoy Sarkar, Cardiff University; Greg Taylor, Cardiff University, *Resource entitlements and urban poverty in China.*

1:40 Fulong Wu*, University College London; Fangzhu Zhag, University College London, *China's urban villages for migrants: are they slums, and what can we learn for international housing policies?.*

2:00 Bin Liang*, Department of Family and Consumer Studies, University of Utah, *Spatial Differentiation of Suburban Settlements in Guangzhou, China.*

3468. Publishing in "Urban Geography"-Meet the Editors

Room: *New York Ballroom East, Sheraton, Third Floor* (Panel Session)

ORGANIZER(S): John Adams, University of Minnesota - Minneapolis; Susan Hanson, Clark University

CHAIR(S): John Adams, University of Minnesota - Minneapolis

Panelists: Susan Hanson, Clark University; John Adams, University of Minnesota - Minneapolis; Richard Shearmur, INRS-UCS; Peter Muller, University of Miami

3469. J. Warren Nystrom Award Competition I

Room: *New York Ballroom West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Katherine Klink, University of Minnesota

CHAIR(S): Katherine Klink, University of Minnesota

Introducer: Jayajit Chakraborty

Introducer: Chris S Duvall

Introducer: Derek H Alderman

12:43 Bradley Bereitschaft, PhD*, University of North Carolina at Greensboro, *Urban Form, Air Quality, and CO2 Emissions in Large U.S. Metropolitan Areas.*

1:03 Maria A. Caffrey*, University of Tennessee, Knoxville; Sally P. Horn, University of Tennessee, Knoxville,

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A regional perspective on the charcoal record of the northeastern Caribbean and the role of humans and climate in driving fire occurrence over the Holocene.

- 1:23** Margaret Carrel*, University of Iowa, *Population-environment drivers of H5N1 avian influenza molecular change in Vietnam.*

- 1:43** Daehyun Kim*, University of Kentucky; David M. Cairns, Texas A&M University; Jesper Bartholdy, University of Copenhagen, *Fluvial-Geomorphic Processes of Salt Marsh Creeks Shape Spatial Trends in Vegetation by Complicating Environmental Stress Gradients.*

3470. Cognition, Behavior, Representation, I: Design and Color (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Kenneth Field, Esri

CHAIR(S): Alexander Kent, Canterbury Christ Church University
12:40 Kenneth Field*, Esri, *Reasserting Design Relevance on the Cartographic Landscape.*

1:00 Aileen R. Buckley*, Esri; A. Jon Kimerling, Oregon State University, *Designing for Visual Contrast in Cartography.*

1:20 Gretchen Maria Culp*, The Graduate Center, CUNY, *Accessible Maps for a Color Vision Impaired Audience: The Application of Re-Coloring Algorithms to Cartographic Design.*

1:40 Christopher Gavin*, University of Wisconsin-Madison, *Map-Reading Issues Related to Color Perception Among Mature-Aged Individuals.*

2:00 Patrick Kennelly, PhD*, CW Post Campus of Long Island University, *A Cartographic Terrain Representation Method Using Shadow Lines for Cross-hatching.*

3471. Enclave Tourism: Exclusive Spaces or Spaces of Exclusion? (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Riverside Suite, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Dimitri Ioannides, Missouri State University
 CHAIR(S): Dimitri Ioannides, Missouri State University

Panelists: Dimitri Ioannides, Missouri State University; Kristina Zampoukos, Mid-Sweden University; Anne-Marie D'Hauteserre, University of Waikato; Noel Healy, Dept Geography Salem State University; Sanjay K Nepal, University of Waterloo

3472. RCEE Sponsored Session II: Geopolitical Imaginings of Eurasia (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Megan Dixon, College of Idaho

CHAIR(S): Megan Dixon, College of Idaho

12:40 Natalie Koch*, U of Colorado, Boulder, *"Capitalizing the Territory": State-Building and Geopolitical Imaginations in Independent Kazakhstan.*

1:00 Borislav Nikoltchev*, The University of Oklahoma, *The Balkans or Southeastern Europe? British and American newspapers references to the region.*

1:20 Austin Charron*, University of Kansas, *Hybridized Regional-Ethnic Identity Among Crimea's Russian Population.*

1:40 Vincent Artman*, University of Kansas, *Geopolitics and the Discursive Construction of Islam in Central Asia.*

2:00 Doug Foster*, University of Oregon, *Ethnic Cleansing in the Tajik Civil War: Framing from the Dark Side of Democracy.*

3473. Legal geography and the nomosphere, power and influence, session 1

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Melinda Benson, University of New Mexico; Robyn L. Bartel, University of New England, Australia

CHAIR(S): Melinda Benson, University of New Mexico

12:40 Lisa R. Pruitt*, University of California, Davis, *The metro-normativity of law and the spatio-legal imagination.*

1:00 Jason Prior, University of Technology, Sydney; Penny Crofts*, University of Technology, Sydney, *Regulating awareness of sex premises: A study of planning and the geographies of a land use that is offensive to some.*

1:20 Marc R. Poirier*, Seton Hall University School of Law, *Hate Crimes and the Nomosphere.*

1:40 Brad Jessup*, Australian National University, *A regional waste facility or a local tip out of place? Shifting power through legal categorisation.*

Discussant(s): Oren Yiftachel, Ben-Gurion University

3474. Changing Landscapes from the Amazon to the Andes III (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Clark Gray, University of North Carolina at Chapel Hill; Christian Abizaid, University of Toronto

CHAIR(S): Christian Abizaid, University of Toronto

12:40 Oliver T. Coomes*, McGill University; Yoshito Takasaki, University of Tsukuba; Jeanine M. Rhemtulla, McGill University; Franque Grimard, McGill University, *Co-evolution of Land Use/Cover and Land Inequality: Evidence from the Peruvian Amazon.*

1:00 Miguel Pinedo-Vasquez*, Center for Environmental Research and Conservation, Columbia University, *Climatic change, demographic shifts, land-use conversion, and other socio-environmental process shaping the socio-biophysical landscapes of Ucayali.*

1:20 Amy M. Lerner, Rutgers University; Diana Burbano, Universidad San Francisco de Quito; Tuntiak Katan, Universidad San Francisco de Quito; Carlos Mena, Universidad San Francisco de Quito; Laura Schneider, Rutgers University; Megan McGroddy, University of Virginia; Thomas K. Rudel*, Rutgers University, *The Spontaneous Emergence of Silvopastoral Landscapes in the Ecuadorian Amazon.*

1:40 Clark Gray*, University of North Carolina at Chapel Hill; Richard Bilsborrow, University of North Carolina at Chapel Hill, *Consequences of Out-Migration for Land Use in Rural Ecuador.*

Discussant(s): Kenneth R. Young, University of Texas at Austin

3475. Assessing climate variability and impacts in western North America III: Climate, Paleoclimate, and Meteorology. (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jesse Morris, University of Helsinki; Andrea Brunelle, University of Utah

CHAIR(S): Jesse Morris, University of Helsinki

12:40 Gregory J. McCabe*, United States Geological Survey; David M. Wolock, U.S. Geological Survey, *Independent Effects of Temperature and Precipitation on Modeled Runoff in the Conterminous United States.*

1:00 Sara M. King*, University of South Carolina; Cary J. Mock, University of South Carolina, *Synoptic Climatic Aspects and Implications of Holocene Paleoclimate for the Yukon Territory, Canada.*

1:20 Johnathan Kirk*, Kent State University, *Categorization and Spatial Analysis of Flooding Storms in New England and Atlantic Canada.*

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1:40 Judah Cohen*, AER; Justin Jones, AER, *Improved Winter Forecasts Using a New Snow Index.*

2:00 Kristine L. DeLong, Ph.D.*, Louisiana State University; Terrence M Quinn, Ph.D., Institute for Geophysics, Jackson School of Geosciences, University of Texas at Austin; Frederick W. Taylor, Ph.D., Institute for Geophysics, Jackson School of Geosciences, University of Texas at Austin; Chuan-Chou Shen, Ph.D., National Taiwan University; Ke Lin, National Taiwan University, *Improvements to coral base paleoclimate reconstructions from reproducing coral Sr/Ca variations.*

3476. Critical Geographies of Education III: Neoliberal Subjects, Entrepreneurial Norms, Whiteness, Race, and Indigeneity (Sponsored by Political Geography Specialty Group, Indigenous Peoples Specialty Group, Ethnic Geography Specialty Group)

Room: *Madison Suite 6, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Tyler McCreary, York University; Anne Godlewska

CHAIR(S): Tyler McCreary, York University

12:40 Verna St Denis, Ph.D.*, University of Saskatchewan, *Indigenous teachers and students as interlopers in Canadian public schools.*

1:00 Kate Cairns, Ph.D.*, University of Toronto, *Situating Selves: Students' Place-Based Narratives of Race, Class and Rurality.*

1:20 Amar Bhatia*, University of Toronto, Faculty of Law, S.J.D. candidate, *Business Casual: Personal Appearance, Union Buttons, and a Dress Code for Elementary Teachers in an Ontario School District.*

1:40 Melanie Knight, Ph.D.*, Ryerson University, *The making of enterprising citizens in post-secondary institutions: Race-ing and gendering the neoliberal subject.*

2:00 Anne Godlewska*, Queen's University, *The Solution is the Problem: The Neoliberal Approach to Aboriginal Education.*

3477. China Geography and Critical Theory (Sponsored by China Specialty Group)

Room: *Park Suite 1, Sheraton, Fifth Floor (Panel Session)*
ORGANIZER(S): Tim Oakes, University of Colorado; Lili Wang, Ohio State University

CHAIR(S): Lili Wang, Ohio State University

Discussant(s): George C.S. Lin, University of Hong Kong

Panelists: Daniel Buck, University of Oregon; Tim Oakes, University of Colorado; Lili Wang, Ohio State University; Alana Boland, University of Toronto; Xiaobo Su, University of Oregon

3478. Resilience, Adaptation, and Innovation: Applied Geographies of Climate Change (part 1) (Sponsored by Human Dimensions of Global Change Specialty Group, Applied Geography Specialty Group, Climate Specialty Group)

Room: *Park Suite 2, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Daivi Rodima-Taylor, Boston University; Netra Chhetri, Arizona State University
CHAIR(S): Jesse Ribot, University of Illinois
Introducer: Jesse Ribot

12:50 Elina Marmer*, Hamburg University; Juergen Scheffran, Hamburg University; Papa Sow, University of Bonn, *Migration as a contribution to resilience and innovation in climate adaptation: Social networks and co-development in Northwest Africa.*

1:10 Maria DiGiano, Ph.D.*, *Robustness, Adaptation and Innovation: Forest Communities in the Wake of Hurricane Dean.*

1:30 Daivi Rodima-Taylor*, Boston University, *Social Innovation and Climate Adaptation in Diversifying Tanzania.*

1:50 Netra Chhetri*, Arizona State University; Pashupati Chaudhary, Department of Biology, University of Massachusetts Boston and Ashoka Trust for Research in Ecology and the Environment Royal Enclave, Srirampura, Jakkur Post, Bangalore, 560024, India; Puspa R, Tiwari, Local Initiatives for Biodiversity, Research and Development (LI-BIRD), Nepal; Ram Baran Yadaw, B. Baran Yadaw, Ram Baran Yadaw, National Rice Research Program, Nepal Agricultural Research Council, Nepal, *Institutional and technological innovation in agriculture in Nepal: understanding adaptation to climate change.*

3479. Rural Europe - A Promised Land for 65+ (Sponsored by Rural Geography Specialty Group, European Specialty Group)

Room: *Park Suite 3, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Irma Potocnik Slavic, University of Ljubljana
CHAIR(S): Irma Potocnik Slavic, University of Ljubljana

12:40 Irma Potocnik Slavic*, University of Ljubljana, *Profile of Age-Friendly Rural Communities: Some Insights from Slovenia.*

1:00 Majda Cernic Istenic*, *Ageing and intergenerational relations in Slovenia - the difference between city and country.*

1:20 Anton Gosar*, University of Primorska, *Tourism of Elderly in East-Central Europe: Example Slovenia.*

1:40 Agata Siuda*, RWTH Aachen, *"Experience, knowledge, networks!" - Working situations of elderly self-employed persons from the creative industries in Germany.*

3480. Population Change in the United States (Sponsored by Population Specialty Group)

Room: *Park Suite 4, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Darryl T. Cohen, U.S. Bureau of the Census

12:40 Darryl T. Cohen*, U.S. Census Bureau, *Demographic Trends in U.S. Metro Areas: 2000 to 2010.*

1:00 Stephen Mulherin, Ph.D.*, California State University; Gareth Howell, Cal State Los Angeles Masters student, *Changes in Downtown Los Angeles and the Fifth Migration.*

1:20 Alison Keller Kuemmel, M.A.*, University of New Orleans; Mark Anthony Mitchell, M.A., University of New Orleans; Mahtab Lodhi, Ph.D., Professor, University of New Orleans, *The Urbanization and Sprawl of Las Vegas, NV: 1970-present.*

1:40 Sujata Shetty*, University of Toledo, *Community Participation when Planning for Population Loss.*

2:00 Devon A Hansen*, University of North Dakota; Kristen Benidt, University of North Dakota; Douglas C Munski, University of North Dakota, *Geographic Perspectives on Youth Out-migration from Grafton, North Dakota.*

3481. Land Surface Biophysical Parameters Generated from Remotely Sensed Imagery for Ecosystem or Climate Modeling (Sponsored by Remote Sensing Specialty Group)

Room: *Park Suite 5, Sheraton, Fifth Floor (Paper Session)*
ORGANIZER(S): Carol S. Mladinich, United States Geological Survey; Rebecca Powell, University of Denver

CHAIR(S): Carol S. Mladinich, United States Geological Survey

12:40 Rebecca L Powell*, Wake Forest University; Michael Toomey, University of California, Santa Barbara; Christopher J Still, University of California, Santa Barbara, *Assessing Land Surface Temperature (LST) as an Indicator of Vegetation Structure in a Tropical Savanna Ecosystem.*

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- 1:00** Andrea E Gaughan, PhD*, University of Missouri; Ricardo M. Holdo, PhD, University of Missouri, *Using short-term MODIS time-series to reconstruct the dynamics of tree cover in the Serengeti ecosystem.*
- 1:20** Carol S. Mladinich*, United States Geological Survey; Gustavo Castro, USGS/University of Denver; Nicole M Brunner, USGS/Metropolitan State University; Marissa L Luck, USGS/University of Denver; Dean E Anderson, USGS; Katherine M Powell, USGS/University of Colorado, *A 'Bottom-up' Approach Linking Flux Tower and In Situ Measurements to Remote Sensing Biophysical Properties.*
- 1:40** Niti Mishra*, university of texas austin; Kelley A Crews, University of Texas, Austin, *Mapping Fractional Land Cover in Semi-Arid Central Kalahari of Botswana for Understanding Ecosystem Structure.*
- 2:00** Kelly Ka Lei Wong*, University of Toronto; Yuhong He, University of Toronto, *Estimation of Grassland Biochemical Content through Remote Sensing Derived Vegetation Indices.*

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3501. GeoHumanities IV: Covergences -- Science, Art, Technology (Sponsored by Association of American Geographers)

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): James A. Ketchum, Association of American Geographers

CHAIR(S): Stephen Young, Salem State College

2:40 Susan Bergeron*, West Virginia University, *It's All About the Story: Experience and Knowledge Representation in Historical Place Analysis through Immersive Virtual Landscapes.*

3:00 James Hyatt*, Environmental Earth Science, Eastern Connecticut State University; Andy Jones, Visual Arts, Eastern Connecticut State University; Peter Drzewiecki, Environmental Earth Science, Eastern Connecticut State University; Lisa Curtiss, Media Services, Eastern Connecticut State University; Craig Naumec, Media Production, The Hole in the Wall Gang Camp, *Merging Landscape Art and Science at Providence Canyon State Park, Southwest Georgia.*

3:20 Sarah F Trainor, Ph.D.*, University of Alaska - Fairbanks; Mary Beth Leigh, Ph.D., University of Alaska, Fairbanks; Jennifer Northway, Alaska Fire Science Consortium; Karin Franzen, *In a Time of Change: The Art of Fire.*

3:40 Katharine Bradley, M.S.*, UC Davis, Geography Graduate Group, *The Food Justice Context: using Photovoice to understand the food landscape.*

4:00 Stephen S Young*, Salem State University; Paul Kelly, Salem State University, *Macro or Micro: spatial patterns that transcend scale.*

3502. Mappings I: Haunted Landscapes and Acts of Viewing (Sponsored by Cultural Geography Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Karen E. Till, NUI Maynooth

CHAIR(S): Harriet Hawkins

2:40 Stephen Daniels*, University of Nottingham, *'Map-work': landscape art, JMW Turner and the culture of cartography in Georgian London.*

3:00 Judith Tucker*, University of Leeds, School of Design, *'Spectres on the Beach': Haunted landscapes in material, affective and painted places.*

3:20 Margaret Cogswell*, Independent Artist, *Mapping Water, Livelihoods and Dreams: The River Fugues.*

3:40 Rebecca Krinke*, University of Minnesota, Dept of Landscape Architecture, *Mapping, Talking, Visiting, Writing.*

Discussant(s): Karen E. Till, NUI Maynooth

3503. Reframing Islandness III: Thinking with the Archipelago (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Joseph Palis, North Carolina State University; Elaine Stratford, University of Tasmania

CHAIR(S): Joseph Palis, North Carolina State University

2:40 Huei-Min Tsai*, National Taiwan Normal University, *Reimagining Archipelagoes in the Taiwan Strait: From battlefields to fishery grounds, tourism locales and reconnected communities.*

3:00 Elizabeth Nyman*, Georgia Southern University, *Don't Fall in the Water!: Political Representations of Oceans and Islands in Popular Video Games.*

3:20 Matthew Goldie*, Rider University, *The Hermeneute's Inferno: The British Archipelago in the Late Middle Ages.*

Discussant(s): Jonathan Pugh, Newcastle University, UK

SUNDAY, FEBRUARY 26 • 2:40 PM - 4:20 PM • 3500**3504. Changing landscapes of finance II (Sponsored by International Finance and Economics Special Session Track)**

Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University

CHAIR(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University

2:40 Karen Lai*, National University of Singapore, *The making of financial subjects: Lehman Brothers minibonds and financial regulation in Singapore.*

3:00 Jane S Pollard*, Newcastle University; Kavita Datta, Queen Mary University of London; Al James, Queen Mary University of London, *Alternative economic practices: Islamic philanthropic networks in London.*

3:20 Rodrigo Fernandez*, University of Amsterdam, *Offshore Financial Centres, the weakest link in re-regulating global finance; The case of the Amsterdam trust industry.*

3:40 Stefan Gaertner*, Research Unit "Spatial Capital", Institute Work and Technology, Gelsenkirchen, Germany, *Capitals of Capital versus Regional Banking.*

Discussant(s): Dariusz Wojcik, School of Geography and the Environment, Oxford University

3505. Slavery and Memory 3: Beyond the U.S. South (Sponsored by Study of the American South Specialty Group, Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University

CHAIR(S): David Butler, University of Southern Mississippi

2:40 Linda M. Rupert, Ph.D.*, UNC Greensboro, *Historical Memory, Rumor, and Conspiracy: The 1795 Slave Revolts in Curaçao and Coro.*

3:00 Amy E Potter*, Louisiana State University, *Barbuda's Indigenous Present: Exploring Place Narrative Alongside An Enslaved Past.*

3:20 Ariela Gross, USC Law School*, University of Southern California, *All Born to Freedom? Comparing the Law and Politics of Race and the Memory of Slavery in the United States and France.*

3:40 Jessica Moody*, University of York, *A 'proud and shameful eminence': remembering slavery in Liverpool histories.*

3506. Communicating Through Crisis II (Part of the Social Justice, Media, and Human Rights Special Session Track, Communication Geography Specialty Group)

Room: Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Paul C. Adams, University of Texas at Austin
 CHAIR(S): Carolyn Roberts, University of Oxford

2:40 Alec Thornton*, The University of New South Wales, *'The Bible is not a framework': faith-based intervention in South Africa's orphan crisis.*

3:00 Benjamin Augustyn*, Florida International University, *A Working Class Hero? Green Day, Darfur, and American Geopolitical Imagination.*

3:20 Nicole Nguyen*, Syracuse University, *Imagining Social Justice: The Vocabularies of Humanitarian Aid in Education & the Conceptualization of Humanitarian Space.*

3:40 Carolyn Roberts*, University of Oxford, UK; Katherine Donovan, University of Oxford, UK; Lindsey McEwen, University of Gloucestershire, UK; Alison Stokes, University of Oxford, UK, *Professional dialogues: scientists and local authorities talk about flooding, risk and uncertainty.*

3507. International Critical Geography II: Topics and Trends (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Anne Vogelpohl, TU Berlin; Bernd Belina, Goethe University Frankfurt

CHAIR(S): Bernd Belina, Goethe University Frankfurt

Discussant(s): Peter Marcuse; Susan Ruddick, University of Toronto

Panelists: Ulrich Best, York University; Kirsi P. Kallio, University of Tampere; Stijn Oosterlynck, University of Antwerp; Anne Vogelpohl, TU Berlin

3508. GIS: Urban Applications

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jason Yang, Ball State University

2:40 Joe Weber*, University of Alabama; Selima Sultana, University of North Carolina-Greensboro, *Housing Booms, Urban Change, and Commuting Patterns within Metropolitan Areas.*

3:00 Chung Chang*, City University of New York, *Nanny brigade vs. hipsters: Mapping the gentrification of Park Slope and Williamsburg with Geographic Information System.*

3:20 Baoyu Zhang, Land and Resources Bureau, Taiyuan, China; Qiyun Wei, Data Center of Land and Resources Bureau, Taiyuan, China; Jason Yang*, Ball State University, *Construction of Basic Geographic Framework System of Taiyuan, China Based on 3S Technology.*

3510. Meet the Editors of the Annals and the Professional Geographer (Sponsored by Association of American Geographers)

Room: Clinton Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Antoinette WinklerPrins, Michigan State University

CHAIR(S): Antoinette WinklerPrins, Michigan State University

Discussant(s): Mei-Po Kwan, Ohio State University

Panelists: Barney Warf, University of Kansas; Richard A Wright, Dartmouth College; Mark A. Fonstad, University of Oregon; Peter Muller, University of Miami; Bruce Braun, University of Minnesota - Minneapolis; Bimal Kanti Paul, Kansas State University

3511. Towards Methods of Possibility I (Sponsored by Qualitative Research Specialty Group, Graduate Student Affinity Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Geoffrey Boyce, University of Arizona; Sean Tanner, Rutgers University

CHAIR(S): Geoffrey Boyce, University of Arizona

2:40 Kathleen Dietrich*, Pennsylvania State University, *Uncertainties in Envisioning: Processes and spaces in scenario building methods for climate change.*

3:00 Anja Sletteland*, University of Oslo, *Damn You for What I Think You Are Saying! Understanding the Dynamics of the American Discourse on Israel.*

3:20 Marvin Taylor*, University of Minnesota - Twin Cities, *Traversing the 'Spatial Fix' for a Genealogy of Capital.*

3:40 Abby Templer*, University of Massachusetts Amherst, *Theory in Practice: the Politics of Collaborative Research.*

Discussant(s): Robert Lake, Rutgers University

3512. Transactions in GIS Plenary

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): John P Wilson, University of Southern California

CHAIR(S): John P Wilson, University of Southern California

Introducer: John P Wilson

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2:50 Kathleen Stewart*, University of Iowa, *Thinking about Space-Time Connections*.

James Fantom, World Bank; Robert Soden; Kyoung-Soo Eom, United Nations

3513. CGSG Marquee Address: Julian Brash on Bloomberg's New York (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Gramercy Suite B, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Beth Schlemper, University of Toledo
CHAIR(S): Beth Schlemper, University of Toledo
Introducer: Beth Schlemper
Panelists: Julian Brash, Montclair State University

3514. Rethinking technology and sustainability in the space economy #4: Reconceptualizing the geographies of socio-technical transitions (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): James Murphy, Clark University; Bernhard Truffer, Eawag
CHAIR(S): James Murphy, Clark University
Discussant(s): James Murphy, Clark University
Panelists: Lars Coenen, Lund University, Sweden; Koen Frenken, Eindhoven University of Technology; David Gibbs, University of Hull; Bernhard Truffer, Eawag

3515. Geographies of Extractive Industries IV: Justice (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Jessica Budds, The Open University; Tom Perreault, Syracuse University
CHAIR(S): Leonith Hinojosa-Valencia, The Open University
Introducer: Jessica Budds
2:45 Tom Perreault*, Syracuse University, *Dispossession by accumulation: Mining, water and livelihood justice in Bolivia*.
3:05 Derrick Hindery, Ph.D.*, University of Oregon (International Studies and Geography), *Enron's Ghost over Evo: Indigenous Resistance to Compensation Agreements in Bolivia's Chiquitania*.
3:25 Mariana Walter*, Institute for Environmental Science and Technology (UAB); Sara Latorre, Institute for Environmental Science and Technology, *Environmental Justice in dispute. Mining conflicts, governments and anti-mining movements in Ecuador*.
3:45 Marta Conde Puigmal*, ICTA, *The global uranium rush and its Africa frontier*.

3516. Geospatial Technologies for International Development (Sponsored by Geographic Information Science and Systems Specialty Group, United Nations Special Session Track, Development Geographies Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Carmen Tedesco, DAI
CHAIR(S): Carmen Tedesco, DAI
Discussant(s): Elizabeth Lyon, US Army Corps of Engineering (TEC)
Panelists: Jessica Heinzelman, Development Alternatives, Inc.; Pietro Ceccato, IRI - Columbia University; Mark Becker

3517. Geospatial and statistical data from international institutions (Sponsored by Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group, United Nations Special Session Track)

Room: Murray Hill Suite A, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Alex de Sherbinin, NASA, Earth Science, Data and Services
CHAIR(S): Alex de Sherbinin, NASA, Earth Science, Data and Services
Introducer: Alex de Sherbinin
Panelists: T. Suha Ulgen; Gerhard K. Heilig, United Nations; Neil

3518. Geographies of Media 9: The Aurality of Place (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)
ORGANIZER(S): John Finn, Rowan University; Christopher Lukinbeal, University of Arizona
CHAIR(S): Michael Longan, Valparaiso University
2:40 Sophia W Maalsen*, The University of Sydney, *The Biography of Yaraandoo: Music, Biography and Agency*.
3:00 Tom Croll-Knight*, University of Sheffield, *"Pas de Rai!": the politics and practices of North African music in contemporary France*.
3:20 Alexandra Lippman*, University of California Irvine; Gregory Scruggs, Fulbright Fellow, *From "Funkification" to Pacification?: Reshaping and Resounding the City for a New Rio de Janeiro*.
3:40 Mary Kinyanjui*, Nairobi University-IDS, *Popular culture music and economic geographic knowledge: a case study of the popular culture music of the Agikuyu people, Kenya*.
4:00 Michael Longan*, Valparaiso University, *The Geography of Authenticity at a Country Music Festival*.

3519. Grabbing 'Green': Markets, Environmental Governance and the Materialization of Natural Capital II - Theories of Neoliberal Governance in the Age of Green (Sponsored by Cultural and Political Ecology Specialty Group, Development Geographies Specialty Group)

Room: Nassau A, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Catherine Corson, Mount Holyoke College; Ken MacDonald, University of Toronto
CHAIR(S): Benjamin Neimark, Temple University
2:40 James Igoe*, Dartmouth College, Department of Anthropology, *Consume, Connect, Conserve: Notes on Cultural Capitalism's Environmental Promise*.
2:55 Robert Fletcher, Ph.D.*, University for Peace; Katja Neves-Graça, Ph.D., Concordia University, *Bodies Do Matter: Fantasy, Desire, and Pseudocatharsis in Neoliberal Environmental Governance*.
3:10 Catherine Corson*, Mount Holyoke College; Kenneth MacDonald, University of Toronto, *Enclosing the Global Commons: International Environmental Governance and 'Green Grabbing'*.
3:25 Kathleen McAfee*, San Francisco State University, *Climate in the Market-World: Durban Negotiations, Rio+20, and UN 'Green Economy' Debates*.
3:40 Elizabeth N Shapiro*, Duke University, *Whose Market? Whose Values? Co-opting the Means and Meaning of Payments for Ecosystem Services*.

3520. Snapshots: Geography in the World Today I

Room: Nassau B, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Kenneth E. Foote, University of Colorado; Douglas Richardson, Association of American Geographers
CHAIR(S): Kenneth E. Foote, University of Colorado

Brief (5- minute) presentations from leaders of geography organizations and societies from around the world. This panel session will provide an excellent opportunity to gain a brief overview on the status of geography in many other countries and to meet leaders of international geographical societies.

(see additional information on page 19)

SUNDAY, FEBRUARY 26 • 2:40 PM - 4:20 PM • 3500**3521. Further explorations towards geographies of and for peace (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: Regent Parlor, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Colin Flint, University of Illinois at Urbana-Champaign

CHAIR(S): Elizabeth Oglesby, University of Arizona

2:40 James Tyner, PhD*, Kent State University, *Geography, Everyday Violence, and Structural Peace.*

3:00 Sara Koopman*, University of British Columbia, *Walks, chains, networks: the makings of spaces for peace(s).*

3:20 Colin Flint*, University of Illinois at Urbana-Champaign, *How Basic Geographic Principles Facilitate an Understanding of War as being Normal, Reasonable and Just: The Example of The Fog of War.*

3:40 Amy Ross*, University of Georgia, Athens, (Putative) *Peace and the Persistence of Conflict.*

4:00 Joshua Inwood*, University of Tennessee, *The Politics of Apology: The Greensboro Truth Process and Efforts at Reconciliation.*

3522. Spatial Analysis & Methods II

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hanyu Xiang, Louisiana State University
 Timothy Warner*, West Virginia University; Linda Blake, West Virginia University, *An Information Literacy Case Study in Remote Sensing: Seeing the Forest of Information for the Trees of Papers.*

Regan Doyle*, University of North Alabama; Francis Koti, University of North Alabama, *Evaluating Infrastructure Capacity for a Transient Population Using GIS: Lessons from Florence, AL.*

Christina L Etzrodt*, University of Nebraska - Omaha; Marv Treu, US Army Corps of Engineers; Mary Lamagna, US Army Corps of Engineers, *Historical imagery used to monitor the mighty Missouri River.*

Gavin Caupp*, Frostburg State University, *Remote sensing approaches to determining the extent of surface mining in Eastern Kentucky.*

Bryan M Penfold*, Sonoma Technology, *Using GIS to Assess Air Quality Monitoring Networks.*

Khameis Alabdouli*, Choose, *Tsunami Risk Assessment Using Geomatics in Fujairah City, UAE.*

Aaron N Koop*, University of Kansas; Alan F Halfen, University of Kansas; William C Johnson, University of Kansas, *Eolian Sands of Kansas: A New High-Resolution Database Aiding in Research throughout the State.*

Samir Dhar*, University of Toledo; Peter Lindquist, University of Toledo, *Maritime Data Enhancement Using AIS & GIS.*

Kevin W Bronson*, SUNY Geneseo, *Emerald Ash Borer: Patterns of an Invasive Species across the Landscape.*

Anna Szyniszewska*, University of Florida, *International passenger movement as a risk factor to the importation of the Mediterranean fruit fly (Medfly), Ceratitis Capitata into the United States.*

Haley J Duke*, Central Washington University; Megan K Walsh, PhD, Central Washington University, *A Reconstruction of Fire History Using Macroscopic Charcoal Analysis: Pothole 3, Sinlahekin Wildlife Area, North Central Washington, USA.*

Timothy O'Mahony, PhD*, University of Washington, *Beyond Classrooms: Mediating Consequential Science during Dam Removal and Habitat Restoration.*

Benjamin Zank*, University of Denver, *Analysis of techniques for the comparison of existing hiking trails to predictive least cost paths.*

Sonisa Sharma*, University of Nebraska-Lincoln; Fang Yang, University of Nebraska-Lincoln; Kundan Dhakal, University of Nebraska-Lincoln; Ayse Irmak, PhD,

University of Nebraska-Lincoln, *Remote Sensing Applications to Tillage Practices Assessment.*

Matthew C LaFavor*, The University of Texas at Austin, *Visualizing Mexican Metepantle Terraces and Water Conservation.*

Kusuma Prabhakara, MA*, University of Maryland, College Park; W. Dean Hively, PhD, USGS-EGSC; Gregory W. McCarty, PhD, USDA-ARS-HRSL, *Development of an automated geospatial toolkit to evaluate the extent of winter ground cover on agricultural fields.*

Elena Van Roggen*, *Spatial Analysis of Potential Sustainable Development: A Case Study on the Small Island of Ilovik, Croatia.*

Robert Stephens*, University of Northern Iowa; Philip Cavin, University of Northern Iowa; Andrey Petrov, University of Northern Iowa, *3D Intelligent Dasymeric Mapping: A Comparative Analysis of 3D and 2D Techniques.*

L Jesse Rouse*, UNC Pembroke, *Mapping as a tool in a community-based project to reduce youth violence and crime in rural North Carolina.*

Mike Wissner*, UMBC, *Achieving Equitable Decision-Making Through PGIS and Community Mapping.*

Andrew Charles Johnson*, Western Michigan Univ; Kathleen M Baker, Western Michigan University; Heather L Petcovic, Western Michigan University, *Novice and Experienced Mapping Strategies in Proposing Field Routes During Bedrock Mapping.*

Lea Houtsonen*, Finnish National Board of Education; Juha Riihelä; Tuuli Toivonen, *Supporting GIS education in Finnish schools: PaikkaOppi - Open learning environment for GIS studies.*

Catherine M Foley*, SUNY College of Environmental Science and Forestry Graduate Program in Environmental Science; Myrna H Hall, SUNY College of Environmental Science and Forestry Department of Environmental Studies; April Baptiste, Ph.D., Colgate University Environmental Studies Program; Eddie Bevilacqua, Ph.D., SUNY College of Environmental Science and Forestry Department of Forest and Natural Resources Management, *Assessment and Mapping of Citizen Knowledge, Attitudes, and Behavioral Intention towards Green Stormwater Infrastructure in Two Neighborhoods of Syracuse, NY.*

Matt Weber*, Wittenberg University, *Investigating the Spatial Relationship of Foreclosures and Residential Burglary in Springfield, OH using GIS.*

Allison Wagner*, University of Denver, *A Geographical Perspective of the Broken Window Theory: the effect of disorder on crime in Denver, Colorado.*

Daniel P. Morath*, Hazards and Vulnerability Research Institute, Department of Geography, University of South Carolina; Ronald Schumann, III, Hazards and Vulnerability Research Institute, Department of Geography, University of South Carolina; Kevin Ash, Hazards and Vulnerability Research Institute, Department of Geography, University of South Carolina, *Moving Forward Without the Long Form: A Spatial Assessment of Error for the Census' American Community Survey Five-year Estimates.*

Antony Chum*, University of Toronto, Dept of Geography, *Neighbourhood-level Social Determinants of Health.*

Amber Olsson, Co-author; Brenda Osborne, Co-author; Susan Rogers*, CSU Fresno, *Is There Enough Affordable Housing in the City of Fresno.*

Shaky Sherpa*, Columbia University, *Using GIS based methodology in Infrastructure Planning.*

James L. Wilson, Ph.D.*, Northern Illinois University; Ansariadi, Ph.D., Hasanuddin University; Tomoyuki Shibata, Ph.D., Northern Illinois University, *Building a Prototype Public Health Geodatabase in South*

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Sulawesi, Indonesia.

- Xiaomin Qiu*, Missouri State University; Shuo-Sheng Wu, Missouri State University, *Detailed urban land-cover classification with 1-m, 4-band NAIP imagery.*
- Mary Harman*, Virginia Tech; Maria Elisa Christie, Dr., Virginia Tech; Keri Agriesti, Virginia Tech; Rubén Botello, Fundación PROINPA ? Foundation for Research and Promotion of Andean Products; Helen Dayo, Dr., University of the Philippines-Los Baños (UPLB), *Soils knowledge and gendered landscapes in Bolivia and the Philippines: Can GIS tell their story?.*
- John C Archer*, University of Nebraska; Fred M. Shelley, University of Oklahoma; Donald A. Wilhite, University of Nebraska; David J. Wishart, University of Nebraska, *Mapping Nebraska's Changing Population Geography.*
- Weijie Wang*, Louisiana State University, *Study on Post-Disaster Population Recovery.*
- Amy Graham*, Oklahoma State University, *Assessing Environmental Inequality in the South-Central United States Using Geographically Weighted Regression.*
- Michael Ribant, M.A. Geography*, Northern Illinois University, *The Spatial Patterns and Causes of U.S. Unemployment Rates: A County Level Analysis.*
- Elizabeth A. Mueth*, Southern Illinois University in Edwardsville, *Away From the City: A Geographical Perspective on the Retreat of Food Retail in St. Louis City.*
- Hanyu Xiang*, Louisiana State University, *Evaluating flood risk of retailers in New Orleans.*
- Bernard Conrad*, University of Northern Iowa; Ramanathan Sugumaran, University of Northern Iowa; John Degroote, University of Northern Iowa; John Voorhees, PV and Associates, *Urban Stormwater Planning Utilizing LIDAR, The WinSLAMM Model, and GIS.*

3523. Topics in Human Geography

- Room: Sutton Parlor Center, Hilton, Second Floor (Interactive Short Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Meng Liu
- 2:40 Lynn M. Patterson, Ph.D.*, Kennesaw State University, *Green Jobs for Georgia? An examination of local economic readiness.*
- 2:45 J. Katie Mcconnell*, National League of Cities / Virginia Tech Urban and Regional Planning Program; Christiana Mcfarland, National League of Cities, *Local Roles in Cultivating a Small Business and Entrepreneurial Culture.*
- 2:50 Bixia Xu*, Urban Research Program, Griffith University Gold Coast campus, Australia, *Sustainable water management practices in theme park industry: a case study of Sea World, Australia.*
- 2:55 Diane Ward*, UCLA Graduate Student, *Artist-Run Spaces in Los Angeles: Locational Stability and Economic Flexibility.*
- 3:00 Vanessa Slinger-Friedman, Ph.D.*, Kennesaw State University; Nancy Hoalst Pullen, Ph.D., Kennesaw State University; Kirk Sisk, Kennesaw State University, *Ethnic Economies in the Nuevo South: Geographic Patterns of Latinos and Latin Cuisine Restaurants in Cobb County, Georgia.*
- 3:05 Lee Hachadoorian*, CUNY Graduate Center, *Neighborhood Level Unemployment in New York City.*
- 3:10 Haoyu Chen, P.R.China*, Peking University, *Analysis of Factors Affecting Rural Labors' Inter-Provincial Migration Decision in China: An Empirical Study Based on Nested Logit Model.*
- 3:15 Xue Bian, P.R.China*, Peking university; Guangzhong Cao, P.R.China, Peking University, *The Implications of Land Tenure and Tenure Security on Labor Transfer*

Decision: An Empirical Study Based on a Nationwide Sample Survey.

- 3:20 Maïke Brammer*, Humboldt University Berlin; Benjamin Otto, Humboldt Universität Berlin, *Temporary Use in Berlin - The Potential of Brownfields.*
- 3:25 Evelyn Ravuri*, Saginaw Valley State University; Evelyn Dawn Ravuri, Saginaw Valley State University, *Changes in Migration Patterns in Venezuela, 1950-2001.*
- 3:30 Meng Liu*, Peking University; Guangzhong Cao, Peking University, *Coupling Analysis of Infrastructure Investment Efficiency and Urbanization Rate in Central China.*
- 3:35 Elina Apsite*, University of Latvia, *Crisis impacts on Latvian emigration patterns.*

3524. Processes of Globalization in Agri-Food Networks

- Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Martin Franz, Philipps-University Marburg; Peter Dannenberg
- CHAIR(S): Peter Dannenberg
- 2:40 Chris Blackden*, University of Kentucky, *Negotiating Exception: Agricultural Trade Liberalization and Food Security in the WTO.*
- 3:00 Renee M. Bullock, PhD Candidate*, University of Florida, *Using a value chain approach to measure development outcomes in East Usambaras, Tanzania.*
- 3:20 Gina Koczberski, Dr. *, Curtin University; George N. Curry, Prof., Curtin University; Veronica Bue, Ms., Curtin University, *Oil palm, food security and adaptation among smallholder households in Papua New Guinea.*
- 3:40 Sarah Ives, PhD Candidate*, Stanford University, *"Rooibos Land Is High Sentiment, Low Potential": Narrating Value in South African Rooibos Tea Farming.*

3525. Green Infrastructure and Economy

- Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Ingrid Hemmer, Catholic University Eichstätt-Ingolstadt
- 2:40 Huijuan Deng*, The University of Hong Kong; C.Y. Jim, The University of Hong Kong, *Effect of vegetation on the cooling effect of extensive green roofs.*
- 3:00 Jinha Jung*, University of Illinois at Chicago; Bryan C Pijanowski, Purdue University; Amélie Davis, University of Illinois at Chicago, *3D Mapping of Green Infrastructure using Data Fusion.*
- 3:20 Stephen McCauley*, Clark University, *New Spaces of Governance in the Pursuit of a Green Economy: Analysis and Practice from Northeastern, USA.*
- 3:40 Mark Kenseth, PhD student, Urban Studies*, Portland State University, *Green Roofs Interrupted: Environmental Justice Concerns of Chicago's Urban Heat Island Initiative.*
- 4:00 Ingrid Hemmer*, Catholic University Eichstätt-Ingolstadt; Peter Bagoly-Simo, Dr., Catholic University Eichstätt-Ingolstadt, *Supporting a Sustainable University: Student Voices from the Catholic University of Eichstätt-Ingolstadt.*

3529. Author Meets Critics: Karen Morin, Civic Discipline: Geography in America, 1860-1890 (Sponsored by History of Geography Specialty Group, Historical Geography Specialty Group, AAG Archives and Association History Committee)

- Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)
- ORGANIZER(S): Kent Mathewson, Louisiana State University
- CHAIR(S): Kent Mathewson, Louisiana State University
- Introducer: Kent Mathewson
- Discussant(s): Karen Morin, Bucknell University
- Panelists: Jeremy Crampton, University of Kentucky; Jerome E. Dobson, University of Kansas; Mona Domosh,

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Dartmouth College; Frederick Nelson, University of Delaware; Susan Schulten, University of Denver; Neil Smith, City University of New York

3530. Sustainable communities through food systems: Considering urban/rural intersections, challenges and opportunities (Sponsored by Rural Geography Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University; Debbie Field, FoodShare Toronto
CHAIR(S): Alison Blay-Palmer, Wilfrid Laurier University
Introducer: Alison Blay-Palmer
Panelists: Janet Poppendieck, Hunter College; Jill Clark, The Ohio State University; Terry Marsden, Cardiff University; Debbie Field, FoodShare Toronto

3531. Spatial Uncertainty in Public Health (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Petit Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Zaria Tatalovich, National Cancer Institute
CHAIR(S): Zaria Tatalovich, National Cancer Institute
2:40 Li Zhu, Ph.D.*, National Cancer Institute, *NIH Funding Opportunity on Spatial Uncertainty*.

3:00 Geoffrey M Jacquez, PhD*, BioMedware, Inc., *Does geocoding positional error matter in health GIS studies?*.

3:20 Jarvis T Chen, ScD*, Harvard School of Public Health, *Approaches to modeling spatial uncertainty in geographical boundaries and population estimates over time*.

3:40 Michael Goodchild*, University of California - Santa Barbara, *Communicating spatial uncertainty*.

3533. Property and Space in the Declining City

Room: Trianon Ballroom, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Joshua Akers, University of Toronto; Jason Hackworth, University of Toronto
CHAIR(S): Joshua Akers, University of Toronto
Panelists: Joshua Akers, University of Toronto; Jason Hackworth, University of Toronto; Margaret Dewar, University of Michigan; Justin Hollander, Tufts University; Christopher Niedt, Hofstra University

3535. The inner-conference 4

Room: East Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Brandon B Derman, University of Washington
CHAIR(S): Christian Anderson, The City University of New York - Graduate Center
Panelists: Ilona Moore, University of Minnesota; Kathryn Wells, Syracuse University; Amanda Huron, Graduate Center, CUNY; Andre Pusey

3536. Establishing a Road Map for Large-Scale Improvement of K-12 Education in the Geographical Sciences

Room: Green Room, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Niem Huynh, Association of American Geographers
CHAIR(S): Niem Huynh, Association of American Geographers
Panelists: Sarah Bednarz, Texas A&M University; Susan Gallagher, Association of American Geographers; Jill Wertheim, National Geographic; Audrey Mohan, National Council for Geographic Education; Emily M Schell, National Geographic Society

3537. Bodies, Borders, and Territory III (Sponsored by Political Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Mabel Gergan, UNC-Chapel Hill; Agnes Chew, UNC Dept. of Geography
CHAIR(S): Mabel Gergan, UNC-Chapel Hill
Introducer: Mabel Gergan

2:45 Ei Phyu Han*, York University, *Shelter from: The material and emotional realities of creating "home" for Karen refugees at Mae La camp*.

3:05 Sylvia Tomasch, Ph.D.*, Hunter College, *Contested Bodies, Imagined Communities*.

3:25 Jeremy Slack*, University of Arizona, *Captive bodies: The Topology of Kidnapping on the U.S. Mexico Border*.

3:45 Anne-Laure Amilhat Szary*, Univ. Joseph Fourier / Institut Universitaire de France, *Women and Walls*.

Discussant(s): Patricia Ehrkamp, University of Kentucky

3539. The Political Ecology of Alternative Food Systems (Part II) (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Garrett Graddy, American University School of International Service
CHAIR(S): Garrett Graddy, American University School of International Service

2:40 Valerie Imbruce, PhD*, Bennington College, *Local Agriculture: Urban-Rural Integration or Contestation?*.

3:00 T. Garrett Graddy, PhD*, American University School of International Studies, *The Value of (agricultural bio) Diversity: A Critical Dialogue*.

3:20 Jason Strange*, UC Berkeley, *Unearthing the Back-to-the-Land Movement in Appalachian Kentucky*.

3540. Political economy and ecology of capture fisheries I (Sponsored by Cultural and Political Ecology Specialty Group, Coastal and Marine Specialty Group, Economic Geography Specialty Group)

Room: Hudson Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Elizabeth Havice, University of North Carolina-Chapel Hill
CHAIR(S): Elizabeth Havice, University of North Carolina-Chapel Hill
Panelists: Elizabeth Havice, University of North Carolina-Chapel Hill; Stefano Ponte, Danish Institute for International Studies; Liam Campling; Barbara Neis, Memorial University

3541. Pricing in Transport (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Transportation Geography Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso

CHAIR(S): Bradley W. Lane, University of Texas at El Paso
2:40 Rajendra G Kulkarni, School of Public Policy, George Mason University; Kingsley E Haynes, School of Public Policy, George Mason University; Roger R Stough, School of Public Policy, George Mason University; Zhenhua Chen*, School of Public Policy, George Mason University, *Effect of gasoline prices on VMTs (Vehicle Miles Travelled): An exploratory analysis of Northern Virginia traffic based on granger causality*.

3:00 Robert Neff*, UMBC (University of Maryland, Baltimore County); Amanda Davis, UMBC, *Workplace restructuring as a cause of Environmental Degradation: How socio-spatial injustice drives*

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gasoline consumption in a postindustrial city.

3:20 Morton E. O'Kelly*, Department of Geography, The Ohio State University, *Environmental Implications of Hub Networks.*

3:40 SEOKHWAN WON*, Kyung Hee University; Chulsue Hwang, Kyung Hee University, *A Study on the Change of Urban Land Use According to the Accessibility.*

4:00 Won Do Lee*, Kyung Hee University; Chang-Hyeon Joh, Kyung Hee University, *Transportation accessibility and Land value by using Geographically Weighted Regression (GWR) in Seoul.*

3542. Situating Urban Sustainability in the Context of Urban Theory and Policy II (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Constance Carr, University of Luxembourg
CHAIR(S): Markus Hesse, University of Luxembourg

2:40 Constance Carr, Dr.*, University of Luxembourg; Christian Schulz, Prof. Dr., University of Luxembourg; Markus Hesse, Prof. Dr., University of Luxembourg; Robert Krueger, Prof. Dr., Worcester Polytechnic Institute, *Unpacking Luxembourg Governance through Sustainable Development Policy.*

3:00 Samuel Mössner*, Dept. of Cultural Geographie, *Social Justice and the Eco-city. Practice, discourse and power relations in Freiburg.*

3:20 Winifred S Curran*, DePaul University; Trina Hamilton*, SUNY - Buffalo, *What Does Green Look Like? Gentrification and Environmental Clean Up in.*

3:40 Byron Miller*, University of Calgary; Justin Beaumont, University of Groningen, *The Socio-Spatial Politics of Transition to a More Sustainable City: the Case of Groningen, the Netherlands.*

Discussant(s): Gordon MacLeod, University of Durham

3544. Developing a Conceptual Framework and Best Practices for Community Geography Research and Pedagogy 4: A Focus on Educational Practices (Sponsored by Urban Geography Specialty Group, Geography Education Specialty Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Conference Room B, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Timothy Hawthorne, Georgia State University; Katherine Hankins, Georgia State University

CHAIR(S): Timothy Hawthorne, Georgia State University

Panelists: Michael DeMers, New Mexico State University; Ola Ahlqvist, The Ohio State University; Stephen Healy, Worcester State University; Michael Niedzielski, University of North Dakota; Christina Dando, University of Nebraska-Omaha

3545. Geographies of Ottoman and Republican Turkey, 4 - health and sustenance in Ottoman and republican Turkey (Sponsored by Middle East Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Kyle Evered, Michigan State University; Amy Mills, University of South Carolina

CHAIR(S): Amy Mills, University of South Carolina

2:40 Charlotte Jones*, University College London, *The Ottoman Legacy of the Turkish Bath in Victorian Britain: A Geopolitical Perspective on the Victorian Turkish Bath Movement.*

3:00 Emine Ö. Evered*, Michigan State University, *Sex and the capital city: the political framing of syphilis and prostitution in early republican Ankara.*

3:20 Kyle Evered*, Michigan State University, *State, peasant, and killer mosquito: geographies of public health education and malaria in early republican Turkey.*

3:40 Paul Kaldjian, PhD*, University of Wisconsin -- Eau Claire, *The place of farmers/periodic markets: comparative study of Istanbul's sent pazaars, Finland's tori's and Wisconsin's farmers markets.*

Introducer: Amy Mills

3546. Green Commitments: transitions to a carbon conscious society 1 (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Paul Barratt, Staffordshire University; David Gibbs, University of Hull

CHAIR(S): C. Patrick Heidkamp, Southern Connecticut State University

2:40 Sara Fuller*, Durham University; Harriet Bulkeley, Durham University, *Corporations and the conduct of carbon: Tesco, consumers and zero carbon stores.*

3:00 Paul Barratt*, Staffordshire University; David Gibbs, University of Hull, *Low carbon transitions in the workplace: Carbon conscious networks of knowledge and practice.*

3:20 Emma Hinton, PhD*, King's College London; Karen Bickerstaff, PhD, King's College London; Harriet Bulkeley, PhD, Durham University, *Creating a carbon consciousness? Interventions, feedback and household energy practices.*

3:40 Georgina Wood*, University of Nottingham, *Encouraging transitions to sustainable water consumption through education.*

4:00 Tim Freytag*, Freiburg University, *Mobility governance and the transition to a low-carbon society.*

3547. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Theories (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Shaowen Wang, University of Illinois at Urbana-Champaign; Michael Goodchild, University of California - Santa Barbara

CHAIR(S): Timothy Nyerges, University of Washington

2:40 Shaowen Wang*, University of Illinois at Urbana-Champaign, *CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience.*

3:00 Donna M Delparte, PhD*, University of Hawaii at Hilo, *Engaging Researcher Participation for Small-Scale Geospatial Data Repositories.*

3:20 Meixia Deng*, George Mason University; Liping Di, George Mason University, *A Data-intensive Approach to Earth Science Education through GeoBrain.*

3:40 Chris Renschler*, SUNY - Buffalo, *Integrated Natural Resources and Extreme Events Management: Decision Support Tools for More Resilient Communities.*

3548. Spatio-Temporal Data Mining and Visual Analytics (4) (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Diansheng Guo, University of South Carolina
CHAIR(S): Diansheng Guo, University of South Carolina

2:40 Martin Swobodzinski*, University of Minnesota, *Evaluating web-based decision support systems through rich server log files.*

3:00 Ona Strikas*, Florida State University; James B. Elsner, Florida State University, *Modeling cloud-to-ground lightning along an urban gradient.*

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- 3:20** Eric Carr*, University of Tennessee at Knoxville, *Web-based Feral Swine Management Tool for Natural Resource Managers*.
- 3:40** Jochen Wendel*, University of Colorado at Boulder; Barbara P. Battenfield, University of Colorado at Boulder; Larry Stanislawski, United States Geological Survey - USGS, *Comparison of unsupervised learning algorithms for physiographic classification of the USA*.
- 4:00** Amin Tayyebi*, Purdue University; Bryan C Pijanowski, Purdue University; Jie Shan, Purdue University; Guofan Shao, Purdue University, *Comparing classification and regression tree (CART) and multi-adaptive regression splines (MARS) for modeling of three diverse areas undergoing land use change*.
- 3550. Geography and Geoscience: Connection Points for Complementary Disciplines I (Sponsored by Geography Education Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**
- Room:* Conference Room H, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Christopher M. Keane, American Geological Institute; Michael N. Solem, Association of American Geographers
CHAIR(S): Michael N. Solem, Association of American Geographers
- 2:40** Heather R. Houlton*, American Geosciences Institute; Leila Gonzales*, American Geosciences Institute, *Geoscience Academic Provenance: Mapping Geoscience Students' Pathways in Developing a Theoretical Framework for Recruitment and Retention into the Geosciences*.
- 3:00** Robert Bednarz*, Texas A&M University, *Why College of Geosciences Students Major in Geography or Environmental Studies/Science*.
- 3:20** Matthew C. Larsen*, United States Geological Survey; Marcia K. McNutt, United States Geological Survey, *Science and change at the U.S. Geological Survey*.
- 3:40** Keiron Bailey*, University of Arizona, *C-GISci: Collaboration and Geographic Information Science*.
- 4:00** David C Viertel, PhD*, Eastern Illinois University; Diane M Burns, PhD, Eastern Illinois University, *An Integrated Approach to Geomorphological Investigation at Eastern Illinois University*.
- 3551. American Class Wars II**
- Room:* Conference Room I, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Robert B. Ross, Point Park University; Clayton Rosati, Bowling Green State University
CHAIR(S): Patrick Vitale, University of Toronto
- 2:40** Robert B. Ross*, Point Park University, *Gentrification, Robots, and Warfare: Deception and the Defense Industry from Pittsburgh, Pennsylvania to Kabul, Afghanistan*.
- 2:55** Clayton Rosati*, Bowling Green State University, *On the Morality of Class War: A reappraisal of Hall on Thatcherism for 2011*.
- 3:10** John Dwight Hines, Ph.D.*, Point Park University, *Crying Wolf: The Class-Cultural Implications of Canis Lupus Re-Introduction in the "New" American West*.
- 3:25** Jackie Orr*, Syracuse University, *Under the Full Moon of Capital: Psychic Enclosures and Militant Enchantments*.
- Discussant(s): Matthew Huber, Syracuse University
- 3552. Integrated Natural Disaster Reduction and Sustainable Development in China II (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)**
- Room:* Conference Room J, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Xinyue Ye, Bowling Green State University; Peijun Shi, Beijing Normal University
CHAIR(S): Yanhua Liu
- 2:40** Peijun Shi*, Beijing Normal University; Jing'ai Wang, Beijing Normal University; Weihua Fang, Beijing Normal University; Ying Wang, Beijing Normal University; Tao Ye, Beijing Normal University; Wei Xu, Beijing Normal University; Ming Wang, Beijing Normal University; Jiangliang Nie, Beijing Normal University; Feng Kong, Beijing Normal University; Qinqing Shi, University of Maryland, *The Spatial Patterns and Integrated Governance of Natural Disasters Risk in China*.
- 3:00** Qian Ye*, Beijing Normal Univ, *Integrated Risk Governance Project: Its Science Plan and Roadmap*.
- 3:20** Michael Glantz*, Univ. of Colorado, *Coping with Drought in a changing climate: What Africa can learn from China and what China can learn from Africa*.
- 3:40** Yuanyuan Yin*, 1. School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Jiansong Zhang, 1. School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Jing'ai Wang, 1. School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Yaojie Yue, 1. School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Yao Zhou, 1. School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875, *Household Agricultural Drought Risk Assessment Based on Field Investigation-- Case Study of Xinghe in China*.
- 4:00** Xiao Liu*; zheng wang; yong bin zhu; yong ming peng, *Study on the trends of carbon emissions in China, America and Poland under the background of global climate change*.
- 3553. Spatial Optimization and Analysis II (Sponsored by Population Specialty Group, Spatial Analysis and Modeling Specialty Group)**
- Room:* Conference Room K, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Daoqin Tong, University of Arizona
CHAIR(S): Fang Ren, University of Redlands
- 2:40** Ran Li*, University of Arizona, *A GIS-based ATM siting problem*.
- 3:00** William Trask*, University at Buffalo, *Using the Potential Model to Locate a Facility*.
- 3:20** Fang Ren*, University of Redlands; Daoqin Tong, University of Arizona; Mei-Po Kwan, Ohio State University, *Evaluating Demand for Service in Space and Time*.
- 3:40** Shenjun Yao*, Department of Geography, The University of Hong Kong; Becky P. Y. Loo, Department of Geography, The University of Hong Kong, *An event-based hot zone method for the identification of hazardous road locations*.

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3554. Navigating the Geographies of Food: People, Place, Culture, & Power, III (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Qualitative Research Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Gina Thornburg, Kansas State University

CHAIR(S): Molly E Brown, NASA

2:40 Hilda Kurtz*, University of Georgia, *To drink or not to drink: The biopolitics of raw milk.*

3:00 Christopher D. Merrett*, Western Illinois University, *The Evolution of the Local Food Movement in Illinois and Beyond.*

3:20 Meleiza Figueroa*, University of California, Berkeley, *Building an Ark to the Promised Land: Memory, Hybridity, and Resilience in a South Chicago Food Desert.*

3:40 Inez Adams*, Michigan State University; Lisa Oliver-King, M.P.H., Our Kitchen Table; Clinton Boyd, Ph.D., Sustainable Research Group, *Yard Histories: Land Use Research, Soil Testing, and Healthy Gardening in Western Michigan.*

4:00 Margaret W Pettygrove*, University of Wisconsin-Milwaukee, *Resistance, Complicity, and Conditional Citizenship through Urban Community Gardening.*

3556. Spatial Analysis: Applications and Techniques

Room: Central Park East, Sheraton, Second Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Shreyans Jain, University of Maine

2:40 Parmanand Sinha*, UT Dallas, *Application of Suitability Analysis as Land-use Forecasting Model.*

2:45 David Merwin*, Framingham State University, *Analyzing Urban Light Intensity Through the Use of Terrestrial-based Night-Vision Imagery.*

2:50 Tracy DeLiberty*, University of Delaware, *Using Geographic Methods to Estimate the Urban Food Potential in Philadelphia.*

2:55 Tiffany A Armstrong, University of California, Santa Barbara; David Avon, University of California, Santa Barbara; Alexander G. Hammer-Barulich*, University of California, Santa Barbara; Lisa Berry, University of California, Santa Barbara; Brian Karaffa, University of California, Santa Barbara; Stephanie E. Truitt*, University of California, Santa Barbara, *Two Case Studies for Volunteered Geographic Information Techniques and Best Practices.*

3:00 Robert J Legg, PhD*, Northern Michigan University; John B Anderton, PhD, Northern Michigan University, *Ground penetrating radar of Archeological sites on Grand Isle, Michigan.*

3:05 Karl Schrantz*, Western Michigan University; Krishna Bondalapati, South Dakota State University; Kathleen Baker, Western Michigan University, *Kriging Precipitation Inputs for Forecasting Disease in Small Grains.*

3:10 Christopher P Storm*, Oklahoma State University; Steven P. Ericson, Oklahoma State University, *Spatioeconometric Analysis of the Winning Elasticity of Demand (WED) for Professional Baseball Tickets in the United States.*

3:15 Kevin A Henry, Ph.D*, University of Utah, Department of Geography; Steven Farber, Ph.D, University of Utah, Department of Geography, *Geographic Accessibility to Mammography Facilities and Breast Cancer Stage at Diagnosis.*

3:20 Mark A. Drummond, PhD*, United States Geological Survey; Michael P Stier, United States Geological Survey, *A National Overview of the Geographic Variability of US Land Change.*

3:25 Shreyans Jain*, University of Maine; Nicholas A. Giudice,

Phd, University of Maine, *Spatial Audio Interfaces for use in Indoor Navigation Systems.*

3557. Polanyian Economic Geographies 4: Panel discussion (Sponsored by Economic Geography Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Jamie Peck, University of British Columbia; Sally Randles, University of Manchester, UK

CHAIR(S): Martin Hess, University of Manchester

Discussant(s): Erica Schoenberger, Johns Hopkins University

Panelists: Gillian Hart, University of California, Berkeley; Jamie Peck, University of British Columbia; John Pickles, University of North Carolina; Scott Prudham, University of Toronto; Richard A. Walker, University of California-Berkeley

3558. Honoring James O. Wheeler, Session III: Urban Geography (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Business Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Hongmian Gong, Hunter College

CHAIR(S): Clifton W. Pannell, University of Georgia

2:40 Sam Ock Park*, Seoul National Univ, *Interaction of Corporate and Urban Systems: Accumulation of Intangible Assets.*

3:00 Yichun Xie*, Eastern Michigan University, *Patch-based Hierarchical Urban Structure.*

3:20 Elvin Wylly*, University of British Columbia, *The New Meaning of Housing in America.*

3:40 Yehua Dennis Wei*, University of Utah; Michael Timberlake, University of Utah, *The Making of Global Cities in China: The State, Global Capital, and Urban Transformation.*

4:00 Clifton W. Pannell*, University of Georgia; Philip Loughlin*, East West Center, *Macau as a recreation tourist center in the Pearl River Delta city region.*

3559. New Voices in Rural Geography (Part I) (Sponsored by Rural Geography Specialty Group)

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Colleen Hiner, UC Davis; Renata Blumberg, University of Minnesota

CHAIR(S): Colleen Hiner, UC Davis

2:40 Natasha Webster*, Dept of Human Geography, Stockholm University; Karen Haandrikman, Dept. of Human Geography, Stockholm University; Natasha Webster*, Stockholm University, *Thai Women in Rural Sweden: Victims or Participants?*

3:00 Michelle A Kozlowski*, Ohio University; Harold Perkins, Ph.D., Ohio University, *Environmental Justice in Appalachia: A Case Study of C8 Contamination in Little Hocking, Ohio.*

3:20 Kris Timken*, Stanford University, USA and California College of the Arts, USA, *The Politics of Rural Geography: Practicing Place.*

3:40 Ryan Bergstrom*, Kansas State University; Lisa MB Harrington, PhD, Kansas State University, *A Transition Toward Sustainability: Challenges in the Greater Yellowstone Ecosystem.*

4:00 Jack Norton*, Rutgers University, *Development in the North Country: Revisiting the Northern New York Prison Economy.*

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- 3560. Geographies of Love IV (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Sexuality and Space Specialty Group)**
Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Eleanor Wilkinson, University of Leeds; Lynda Johnston, university of waikato
 CHAIR(S): Max J. Andrucki, University of Leeds
2:40 Jason B. Crawford, PhD*, Concordia University, *For Love of Community: The Sisters of Perpetual Indulgence and Spaces of Affection*.
3:00 Ebru Ustundag*, Brock University, *Loving, Witnessing and Becoming Political: Feminist Geographies of Sex-Work*.
3:20 Chih-Chen Lin*, *Children of Love? -When Emigration Meets International Volunteering in Ecuador*.
3:40 Elizabeth Olson*, University of Edinburgh; Peter Hopkins, Newcastle University; Matt Baillie Smith, Northumbria University; Nina Laurie, Newcastle University, *Love, suffering, exception: exploring the experiences of young Christian volunteers in Latin America*.
4:00 Lynda Johnston*, University of Waikato; Robyn Longhurst, University of Waikato; Carey-Ann Morrison, University of Waikato, *Critical Geographies of Love*.

- 3561. Agent-based Models and Geographical Systems: Urban Simulation**
Room: *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alison Heppenstall; Mike Batty, UCL CASA
 CHAIR(S): Andrew Crooks, George Mason University
2:40 Ed Manley*, University College London; Tao Cheng, University College London; Alan Penn, University College London; Andy Emmonds, Transport for London, *Integrating Agent-based Models with Macroscopic Traffic Simulation*.
3:00 Huiye Ma*, Eindhoven University of Technology; Theo A. Arentze, Eindhoven University of Technology; Harry J. P. Timmermans, Eindhoven University of Technology, *Agent-Based Population Generation, Activity Generation, and Scheduling for Dynamic Activity-Travel Scheduling Implementation*.
3:20 Mark Birkin*, University of Leeds; Nick Malleson, University of Leeds, *The calibration of metropolitan dynamics with microsimulation, agent-based models and social network data*.
3:40 Michael Batty*, UCL CASA; Erez Hatna, UCL CASA, *Simulating Residential Dynamics in London's Housing Market*.
4:00 Denise Pumain*, University Paris I, *The Simpop family: from an evolutionary urban theory to a computable, agent-based geographical ontology*.

- 3562. Geographies of Well-being II: The Benefits of Nature, Green Space and Resources (Sponsored by Health and Medical Geography Specialty Group)**
Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Tim Schwanen, University of Oxford
 CHAIR(S): Tim Schwanen, University of Oxford
2:40 Elizabeth Dinnie, Dr*, The James Hutton Institute; Katrina M Brown, Dr, co-author; Sue Morris, co-author, *Understanding the relationship between well-being and engagement with green urban space*.
3:00 Katherine E. Foo, M.A., MS*, Clark University; Deborah Martin, PhD, Clark University; Colin Polsky, PhD, Clark University; Maya Lim, University of Chicago; Beth Anne Martin, Arizona State University; Clara Wool, University of Massachusetts, Amherst; Martha Ziemer, Clark University, *The urban ecologies of well-being: a neighborhood approach*.
3:20 Jo Little*, University of Exeter, *Nature, Wellbeing and the Transformational Self*.

- 3:40** Cheryl A Willis*, University of Exeter, *Harnessing Nature's Benefits for Human Well-being: Recognising the Wider Values of our Coastal Landscapes*.
4:00 Jacqueline Ann Goldin, Professor*, University of the Western Cape, *Lost in translation: emotions as proxies for institutional adequacy*.

- 3563. Linking between spatial thinking and GIS in the K-12 context**
Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Jongwon Lee, Ewha Womans University; Bob Kolvoord, James Madison University
 CHAIR(S): Bob Kolvoord, James Madison University
2:40 Jongwon Lee, Ph.D.*, Ewha Womans University, *Treasure hunting game using smartphones*.
3:00 Giorgos Mountrakis*, SUNY - ESF; Dimitrios Triantakoustantis, SUNY ESF; Paul Ang, SUNY ESF, *Inquiry-based learning in remote sensing: A space balloon educational experiment*.
3:20 Katerina I Klonari*, University of the Aegean; Aikaterini Ioannis Klonari, Assistant Professor, Department of Geography, University of the Aegean, *Introducing GIS in Greek Compulsory Schools: Vision or Reality?*.
3:40 Phil Gersmehl*, Michigan Geographic Alliance; Mike Libbee, Michigan Geographic Alliance; Carol Gersmehl, New York Geographic Alliance, *Themes, Standards, Core Curricula, and Spatial Reasoning*.
4:00 Bob Kolvoord*, James Madison University; David Uttal, Ph.D., Northwestern University; Nathaniel G. Meadow, Northwestern University, *Building Students' Spatial Thinking Skills with GIS: Video Case Studies*.

- 3564. Lived Geographies 2: Pushing back against the norm-- alternative uses of urban space**
Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Georgia Lindsay, University of California, Berkeley; Lusi Morhayim
 CHAIR(S): Lusi Morhayim
2:40 Caroline Chen*, University of California at Berkeley, *Guerrilla Dancing: Uses of Space in Beijing's Urban Infrastructure by Aging Residents for Dance*.
3:00 Wei-Kuang Liu, PhD*, National Cheng Kung University; Shih-Ming Chen, PhD, National Cheng Kung University, *Tensions between fragmentation and coherence: observations of social practice in the post-colonial urban enclaves of central Tainan*.
3:20 Kimberley Kinder*, University of Michigan, *Houseboat Hippies and the Making of an Informal Dwelling Space, Amsterdam 1960-1980*.
3:40 Georgia Lindsay*, University of California, Berkeley, *The United Nations Plaza in San Francisco: Monumental Space Occupied by the Everyday*.
4:00 Karen Franck*, new jersey institute of technology, *Towards a Typology of Informal Memorials*.

- 3565. Ecological Analysis using Historical Records (II): Land Change (Sponsored by Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)**
Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Yi-Chen Wang, National University of Singapore; Barry Kronenfeld, Eastern Illinois University
 CHAIR(S): Todd Fagin, University of Oklahoma
2:40 Linda R Barrett*, University of Akron, *Presettlement and Present Day Forests in Contrasting Areas of Richland County, Ohio*.
3:00 Richard Thomas*, University of Oklahoma, *The changing forests of central Oklahoma: A look at the composition of the Cross Timbers prior to Euro-American settlement, in the 1950s, and today*.
3:20 Melissa Hinten*, Department of Geography and Environmental Sustainability; University of Oklahoma;

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Bruce Hoagland, Department of Geography and Environmental Sustainability and Oklahoma Biological Survey; University of Oklahoma, *Assessing The Change In Tallgrass Prairie Vegetation Within The Cherokee Prairie From 1896 To 2008*.

3:40 Chelsea Teale*, The Pennsylvania State University, *Informing Environmental History with Historical Ecology: Agricultural Wetlands in New Netherland, 1620-1800*.

4:00 Maggi Kelly*, University of California; Qinghua Guo, UC Merced, *Linkages between historical land use processes and contemporary land cover patterns: lessons from California oak woodlands*.

3566. Transnationalism and Developmental Impacts of Migration on Africa, Ghana (Sponsored by Africa Specialty Group, Ethnic Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Ian Yeboah, Miami University; Naa Ansa Ansah-Koi, Miami University

CHAIR(S): Madeleine Wong, St. Lawrence University

2:40 Naa Ansa Ansah-Koi*, Miami University, *Changing Geographies of Development: The Role of Information and Communications Technologies in Transnationalism*.

3:00 Madeleine Wong, PhD*, St. Lawrence University, *"Going Home": Strategies of return and integration for Ghanaian Skilled Professionals*.

3:20 Christian Fredrik Adams, student*, Miami University, *Geography of Remittances in Ghana*.

3:40 Ian Yeboah*, Miami University, *Global-Local Nexus: Costs and Benefits of Migration for Ghana*.

3567. China's Shifting Urban-Rural Interfaces: II (Sponsored by China Specialty Group, Asian Geography Specialty Group, Urban Geography Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge; Weiping Wu, Tufts University

CHAIR(S): Wei Xu, University of Lethbridge

2:40 Qian Zhang, PhD Candidate*, Department of Human Geography, Stockholm University, *Challenging the rural-urban divide in China: The effects of ecological resettlement from a migration perspective*.

3:00 Kai Li*, Guang-zhong Cao, *An Empirical Analysis of the China's Urban-rural Consumption Structure in Families of Migrant Workers??Based on A Large Set of Sampling Survey Data in 12 Chinese Cities*.

3:20 Yushu Zhu*, University of Illinois at Urbana Champaign, *Spatiality of Neoliberal Urbanism: The right of rural migrants to the city space in urban China*.

3:40 HUIMIN DU*, Hong Kong Baptist University, *Precarity as a real-life experience: A study of temporary migrants in villages-in-the-city in Guangzhou*.

4:00 CHANGHONG MIAO*, Center for Yellow River and Sustainable Development and College of Environment and Planning, Henan University, *Whither the new community in rural China: the impacts of speeding-up urbanization on countryside*.

3568. Euro-Mediterranean Mobilities and Territorialities I (Sponsored by European Specialty Group)

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): David Prytherch, Miami University; David Sauri, DEpartament de Geografia, UAB

CHAIR(S): David Prytherch, Miami University

2:40 Carlos González Triviño, General Director*, GSI Project, General Director, *The Epistemonical Atlas of Western Mediterranean: A Geographical Approach to Knowledge Economies Based on Relativity*.

3:00 David Sauri*, Department de Geografia, UAB; Antonio

Rico, Department of Regional Geography, University of Alicante, Spain, *The Spanish hydraulic paradigm revisited: what advantages of desalination plants versus inter-basin water transfers?*.

3:20 Malcolm A Compitello*, University of Arizona, *Mobility and Transportation in Fernando León de Aranoa's Barrio (1998)*.

3:40 Brittany Cook*, University of South Carolina, *Negotiating Regional Location and EU Membership: Cyprus and Palestinian migration*.

4:00 Gemma Canoves, Professor*, Universitat Autònoma de Barcelona; Lluís Garay, Universitat Oberta de Catalunya, *Cruise tourism in Barcelona: the mediterranean resort*.

3569. J. Warren Nystrom Award Competition II

Room:

New York Ballroom West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katherine Klink, University of Minnesota

CHAIR(S): Katherine Klink, University of Minnesota

Introducer: Jayajit Chakraborty

Introducer: Chris S Duvall

Introducer: Derek H Alderman

2:43 Bethany B Cutts, Ph. D.*, University of Illinois at Urbana-Champaign, *The influence of social and spatial disparities on water resource knowledge and its implications for inclusive water governance*.

3:03 Candice Luebbering*, Virginia Tech, *Visualizing Linguistic Diversity through Cartography and GIS: A case study of linguistic diversity index mapping*.

3:23 Kacy McKinney, PhD*, Jackson School of International Studies, University of Washington, *Ageing the Gendered Division of Labor: Comparing engagements in commodity production*.

3:43 Daniel Warshawsky*, University of Southern California, *Civil Society and Urban Food Security: Analyzing the Role of Local Food Organizations in Johannesburg*.

3570. Cognition, Behavior, Representation, II: People & Design (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)

Room:

Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Kenneth Field, Esri

CHAIR(S): Kenneth Field, Esri

2:40 Alexander J Kent, PhD*, Canterbury Christ Church University, *The User and the Mapmaker's Art: Exploring the Aesthetics of Cartography*.

3:00 Stephen Koletty, PhD*, East Los Angeles College, *The Secret Life of Maps*.

3:20 Ian Muehlenhaus*, University of Wisconsin - La Crosse, *"Some of These Maps Are Not Like the Others..." A Framework for Measuring How Map Design Impacts Reader Reactions to, Trust in, and Recall of Spatial Data*.

3:40 Menno-Jan Kraak*, University of Twente / ITC, *The design of maps depicting change- validating and expanding Bertin's approach for geographic data's temporal component*.

4:00 John Wolf*, USGS-CBPO, *Communicating Chesapeake Bay Water Quality Issues Using Three Dimensional and Temporal Geographic Information Systems*.

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Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Alison M Gill, Simon Fraser University
 CHAIR(S): Stacy Warren

2:40 Mervi J. Hiltunen*, UEF University of Eastern Finland; Antti Rehuman, Finnish Environment Institute SYKE, *Relational aspects to lifestyle mobility patterns.*

3:00 Shan Li*, Key Lab of GIScience, East China Normal University, Shanghai, China; Min Xiao, Key Lab of GIScience, East China Normal University, Shanghai, China; Kun Zhang, Key Lab of GIScience, East China Normal University, Shanghai, China; Jing Wu, Institute of Policy and Management at Chinese Academy of Sciences, Beijing, China; Zheng Wang, Institute of Policy and Management at Chinese Academy of Sciences, Beijing, China, *Measuring Tourism Spillover Effects Among Cities: Improvement of the Gap Model and a Case Study of the Yangtze River Delta.*

3:20 Michael Friedman*, University of Maryland, *Feeding the downtown monster: (Re)developing Baltimore's "tourist bubble".*

3:40 Stacy Warren*, Eastern Washington University, *When the Labor Force Wears Mouse Ears: The Changing Geographies of Disney Urban Space.*

4:00 Maria Angeles Casado-Diaz*, University of the West of England; Ana Belen Casado-Diaz, University of Alicante, Spain; Vicente Rodriguez-Rodriguez, Spanish Scientific Research Council (CSIC), Spain, *The Geographies of Lifestyle Mobilities: Exploring International Retirement Migration to Spain.*

3572. RCEE Sponsored Session IV: Migration Flows and Regional Perceptions in Eurasia (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Megan Dixon, College of Idaho
 CHAIR(S): Megan Dixon, College of Idaho

2:40 Vadim Voynikov*, Immanuel Kant Baltic Federal University, *The Problem of Management of Migration Flows in Kaliningrad Region, Russia.*

3:00 William Rowe*, Louisiana State University, *Rural Migration in Tajikistan: Effects of Demodernization and an Incomplete Recovery.*

3:20 Marianna Pavlovskaya*, Hunter College and Graduate Center, CUNY, *Post-Soviet transnational households as economic actors: Envisioning economies of cooperation.*

3:40 Kopack Robert*, Depart of Geography MSU, *Symbols of Power in Kazakhstan: Memorial Landscapes and Contested Memories.*

4:00 Stanley Toops*, Miami University, *The Making of the Atlas of Central Eurasian Affairs.*

3573. Legal geography and the nomosphere, power and influence, session 2

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Melinda Benson, University of New Mexico; Robyn L Bartel, University of New England, Australia
 CHAIR(S): Robyn L Bartel, University of New England, Australia

2:40 Craig Jones*, UBC, *Beyond National Nomospheres: International Criminal Law in Ongoing Conflict.*

3:00 Genevieve R. Painter*, UC Berkeley, *Jurisprudence & Social Policy, Cooking without Power at Food Not Bombs.*

3:20 Elisa Penn*, University of Victoria, *Places of law and lawlessness in the Wild: An exploration of law and geography through the film Dead Man and the case Connolly v. Woolrich.*

3:40 Oren Yiftachel*, Ben-Gurion University, *Indigenous Challenge to Legal Doctrine: Bedouin Land Rights in Israel/Palestine.*

Discussant(s): Marc Poirier, Seton Hall University School of Law

3574. Changing Landscapes from the Amazon to the Andes IV (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Clark Gray, University of North Carolina at Chapel Hill; Christian Abizaid, University of Toronto
 CHAIR(S): Clark Gray, University of North Carolina at Chapel Hill

2:40 Karl Zimmerer*, Pennsylvania State University, *Conflicts, Contrasts, and Connections in the Politics and Policies of Land/Land Use in the Andes and Amazon of Bolivia.*

3:00 Pilar A Palacios*, University of Maine, *Wetlands Conservation in Chile: classification and vulnerability assessment using GIS.*

3:20 Helen Adams*, University of East Anglia, *Ecosystem services, place utility and migration decision-making under environmental change.*

3:40 Kerry Grimm*, Oregon State University, *Conservation equals trees, not my trash: Disconnect between conservation work and personal actions.*

3575. Assessing climate variability and impacts in western North America IV: Terrestrial Ecosystems, Climate, and Disturbance. (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Jesse Morris, University of Helsinki; Andrea Brunelle, University of Utah

CHAIR(S): Andrea Brunelle, University of Utah

2:40 Jesse L Morris, Ph.D.*, University of Helsinki; Andrea R. Brunelle, Ph.D., University of Utah; A. Steven Munson, USDA Forest Service, Forest Health Protection; Mitchell J. Power, Ph.D., Curator of the Garrett Herbarium, University of Utah Museum of Natural History, *Holocene Wildfire Disturbance Records from Several Lakes in South-Central Utah.*

3:00 Justin DeRose*, Forest Service; John Shaw, Forest Service, *Exploring the dendrochronological potential of Forest Inventory and Analysis-collected tree-ring series.*

3:20 Michael Notaro*, University of Wisconsin-Madison, *Influence of Antecedent Rocky Mountain Snowpack on the North American Monsoon.*

3:40 Mathieu L. Bourbonnais*, University of Victoria; Trisalyn A. Nelson, Ph.D, University of Victoria; Michael A. Wulder, Ph.D, Natural Resources Canada, *Mountain Pine Beetle and Forest Fire Dynamics - Characterizing Change in Fire Severity.*

4:00 Keith R Holmes, MSC*, University of Victoria; Trisalyn A Nelson, PHD, University of Victoria; Nicholas C Coops, PHD, University of British Columbia; Michael A Wulder, PHD, Pacific Forestry Centre, Canadian Forest Service, Natural Resources Canada, *Forecasting Change in Biodiversity across British Columbia due to Climate Change: An Indirect Indicator Approach.*

3576. Critical Geographies of Education IV: Neoliberal Education in the City (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: *Madison Suite 6, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Tyler McCreary, York University; Anne Godlewska

CHAIR(S): Jennifer Massey, Baylor University

2:40 Helena Pimlott-Wilson, PhD*, Loughborough University;

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Sarah L Holloway, PhD, Loughborough University, *Neo-liberal educational restructuring: redrawing the boundaries between state and family responsibility for economic well-being and social reproduction in low-income neighbourhoods.*

3:00 Alice Huff*, UCLA, *Reforming the City: Geographic Implications of School Reform in New Orleans.*

3:20 Ujju Aggarwal*, CUNY Graduate Center; Edwin Mayorga, Graduate Center, City University of New York, *From Forgotten to Fought Over: Neoliberal Restructuring, Public Schools, and Urban Space.*

3:30 Ujju Aggarwal; Edwin Mayorga*, Graduate Center, City University of New York, *From Forgotten to Fought Over: Neoliberal Restructuring, Public Schools, and Urban Space.*

3:40 Peter M Brogan*, York University, *Education in the Global City and the Remaking of Global Capitalism in a the 'Age of Austerity'.*

3577. Alcohol, poverty and the City I

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Clare Herrick, King's College London

CHAIR(S): Clare Herrick, King's College London

2:40 Clare Herrick*, King's College London, *A "hazard" approach to alcohol control, development and poverty In South Africa's Western Cape.*

3:00 Evan Blake*, University of Cape Town, *Imbibed identities: Drinking people and place in Salt River, Cape Town.*

3:20 Mary Lawhon*, University of Cape Town, *Alcohol, flows and friction in Cape Town.*

3:40 Michele R. Gamburd, Ph.D.*, Portland State University, *Alcohol and Migrant Remittances in Rural Sri Lanka: Gendered Consumption Struggles.*

Discussant(s): Susan Parnell, University of Cape Town

3578. Resilience, Adaptation, and Innovation: Applied Geographies of Climate Change (part 2) (Sponsored by Human Dimensions of Global Change Specialty Group, Applied Geography Specialty Group, Climate Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Daivi Rodima-Taylor, Boston University; Netra Chhetri, Arizona State University

CHAIR(S): Jesse Ribot, University of Illinois

2:40 Joseph Holler*, University at Buffalo, SUNY, *Climate Change Adaptation in Tanzania: Building Adaptive Capacity or Reproducing Vulnerability?.*

3:00 Dylan Malcomb*, Dept Geography UT Austin, *Global Paradigms for Local Adaptations in Malawi.*

3:20 Chinwe Ifejika Speranza*, Institute of Geography, University of Bern / Centre for Development and Environment (CDE), University of Bern; Urs Wiesmann, Institute of Geography, University of Bern / Centre for Development and Environment (CDE), University of Bern; Boniface Kiteme, Centre for Training and Integrated Research in Arid and Semi-Arid Lands Development (CETRAD), Nanyuki, Kenya, *Innovating and Sustaining Agricultural Practices in a Changing Social-Ecological Context in Kenya.*

3:40 Sara Statham*, McGill University; James Ford, McGill University, *Inuit Food Security: Vulnerability of the traditional food system to climatic extremes during winter 2010/2011 in Iqaluit, Nunavut.*

4:00 Gigi Owen*, University of Arizona, *Social Constructions of Climate-Related Extremes in the U.S. Southwest.*

3579. Fishing Communities and the Politics of Scale I (Sponsored by Rural Geography Specialty Group, Coastal and Marine Specialty Group, Indigenous Peoples Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Laurie Richmond, NOAA Fisheries/University of Hawai'i

CHAIR(S): Laurie Richmond, NOAA Fisheries/University of Hawai'i

2:40 Fletcher P Chmara-Huff, PhD Candidate*, Ohio State University, *The Territorialization of the Ocean as Local Politics.*

3:00 Rebecca L Gruby, PhD Candidate*, Duke University, *This is our conservation territory: The politics of cross-scale linkages in the governance of marine protected areas in Oceania.*

3:20 Emma Catherine Anders*, UH Manoa, *Community-Based Subsistence Fishing Areas in Hawaii.*

3:40 Noëlle Boucquey*, Duke University, *Actors and Audiences: Negotiating commercial and recreational fishing policies in North Carolina.*

4:00 Christina Hamm, Ph.D.*, SUNY Suffolk, *Community Differentiation, Interaction, and Representation in a Regional Fishery.*

3580. Air Transportation: Markets and Networks (Sponsored by Transportation Geography Specialty Group)

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Timothy Vowles

2:40 Kyle L Dobbins*, Independent, *You Can't Get There From Here: Finding Potentially Underserved Airports Through Hotel Vacancy Rates.*

3:00 Piotr Trzepacz*, Jagiellonian University, *Factors of air transport spatial market share in Poland.*

3:20 Khaula Alkaabi, PhD*, United Arab Emirates University, *The impact of the 2009 global financial crisis on the aviation market at medium-sized airports in the United Arab Emirates.*

3:40 Jerzy Jemiolo*, Ball State University, *Central Europe's Low-Cost Airline Sector Trends.*

4:00 Timothy Vowles*, University of Northern Colorado & Colorado State University, *Shifting Network Strategies of Low Cost Carriers in the United States.*

3581. LiDAR Applications in Urban Environments (Sponsored by Remote Sensing Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Pinliang Dong; Cheng Wang, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences

CHAIR(S): Pinliang Dong

2:40 Caiyun Zhang*, Florida Atlantic University, *Individual Tree Species Mapping for an Urban Forest Using Airborne LiDAR Data and Hyperspectral Imagery.*

3:00 Sean C Ahearn, PhD, City University of New York; Gordon Green, PhD Candidate*, City University of New York, *Lidar Processing for the New York City Solar Map.*

3:20 Ruofei Zhong*, Capital Normal University Key Lab of 3D Information Acquisition and Application, MOE, Beijing 100048, China; Jiangxia Wei, Capital Normal University Key Lab of 3D Information Acquisition and Application, MOE, Beijing 100048, China, *A method for extracting street trees from Vehicle-borne Laser Scanning data.*

3:40 Cheng Wang*, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences; Yong Xiao, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences; Xiaohuan Xi, Center for Earth Observation and Digital Earth, Chinese Academy of Sciences, *Reconstruction of 3D building models from LiDAR data.*

4:00 Wei Liu, Center for Earth Observation and Digital Earth (CEODE), Chinese Academy of Sciences; Pinliang Dong*, Department of Geography, University of North Texas, *LiDAR data and volunteered geographic information for automated detection of road blockage in post-disaster scenarios.*

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Room: Concourse A, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Jennifer Speights-Binet, Samford University
 CHAIR(S): Jennifer Speights-Binet, Samford University
 Panelists: Jennifer Speights-Binet, Samford University; Christine Erlen, Duke University; G. Rebecca Dobbs, University of North Carolina at Chapel Hill; Annette Watson; Toni Alexander, Auburn University

3602. Mappings II: Embodied Memory, Everyday Life, and The City (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Karen E. Till, NUI Maynooth
 CHAIR(S): Karen E. Till, NUI Maynooth
4:40 Gülgün Kayim*, City of Minneapolis / University of Minn., *Landscape, Memory and Place in the Cypriot Buffer Zone*.
5:00 Talya Chalef*, *From 'Eyton Rd.' to 'Traces': A journey between Cape Town, Melbourne, and Bialystock, and now New York*.
5:20 Allison Hui*, Hong Kong Baptist University, *Art as an everyday intervention: shifting times, places and mobilities in the pervasive media performance project 'Fortnight'*.
5:40 Gabrielle Bendiner-Viani*, CUNY - Graduate Center, *Layered City / Layered SPURA*.
 Discussant(s): Trevor Paglen, U.C. Berkeley

3603. Author Meets Critics: A discussion and engaged conversation of "Island Enclaves" by Godfrey Baldacchino (McGill-Queen's University Press, 2010) (Sponsored by Qualitative Research Specialty Group, Landscape Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Joseph Palis, North Carolina State University; Elaine Stratford, University of Tasmania
 CHAIR(S): Joseph Palis, North Carolina State University
 Discussant(s): Godfrey Baldacchino, University of Prince Edward Island
 Panelists: Elizabeth Nyman, Georgia Southern University; Katherine Genevieve Sammler, The University of Arizona; Wayne McKim, Towson University; Elaine Stratford, University of Tasmania; Kevin M Dunn, University of Western Sydney

3604. Changing landscapes of finance III (Sponsored by International Finance and Economics Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University
 CHAIR(S): Dariusz Wojcik, School of Geography and the Environment, Oxford University
4:40 Godfrey Yeung*, National University of Singapore; Canfei He, Peking University, *Centralization and Marginalization: The Case of Rural Banking in China*.
5:00 Daniel Haberly, PhD Candidate*, Clark University, *Deutschland AG 2.0? Hostile takeovers and the shrinking market for corporate control in German industry*.
5:20 Bas Karreman, Dr*, Erasmus University Rotterdam; Thijs Nacken, Erasmus University Rotterdam; Enrico Pennings, Prof.dr., Erasmus University Rotterdam, *Uncertainty, Competition and the Expansion Strategies of Multinational Banks in Central and Eastern Europe*.

5:40 Nadine Bitterer*, Institut für Humangeographie, Universität Frankfurt, *Internationalization of post-socialist real estate markets - the case of Warsaw*.
 Discussant(s): Dariusz Wojcik, School of Geography and the Environment, Oxford University

3605. Slavery and Memory 4: From Enslaved Persons to Citizens (Sponsored by Study of the American South Specialty Group, Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University
 CHAIR(S): Derek H Alderman, East Carolina University
4:40 Christina Proenza-Coles, Ph.D.*, *American Founding Fathers, From Somerset to Selma: A Brief Overview of How People of African Descent Undermined Slavery and Established Democracy in the Modern World*.
5:00 Emily Blanck*, Department of History, *"Juneteenth: Black Voices Take Over their own Histories"*.
5:20 Ruth Dittmann*, Yale University, *Paving the way for difficult dialogues: How European-American and African-American students talk to each other about slavery*.
5:40 Lisa B Randle*, University of South Carolina, *From Slavery to Freedom to Landowners*.
6:00 Josh Gorman*, Smithsonian Anacostia Community Museum, *Mixed-Bloods and Full-Bloods: Racialized Chickasaw Identity and the Shifting Descriptions of Slavery*.

3606. Use of Geospatial Technologies in Addressing Humanitarian and Social/Environmental Justice (Part of the Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse F, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Andrew Marx, University of Maryland
4:40 Cristina Munoz*, Bryn Mawr College, *Environmental Justice Theory and Intersecting Inequalities: A Los Angeles Case Study*.
5:00 Susan Wolfenbarger*, Ohio State University, *Remote Sensing for Human Rights: Examples from Nigeria*.
5:20 Bruce C. Mitchell*, University of South Florida; Jayajit Chakraborty, Ph.D., University of South Florida, *Urban Heat and Environmental Justice: A Case Study in St. Petersburg, Florida*.
5:40 Timothy W Collins*, University of Texas - El Paso; Jayajit Chakraborty, University of South Florida; Sara E Grineski, University of Texas at El Paso, *Advancing Environmental Justice Research: An Expanded Framework for the Analysis of Distributive Injustice*.
6:00 Andrew J. Marx*, University of Maryland, US Department of State, *Human Rights Monitoring in a Drylands Environment: A Case Study in Darfur, Sudan using Landsat ETM+ Data*.

3607. Parsing the Evolving Politics and Practice of 'D.I.Y.' (Sponsored by Economic Geography Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Brian Hracs, University of Toronto; Gordon C. C. Douglas, University of Chicago
 CHAIR(S): Brian Hracs, University of Toronto
 Panelists: Alison Bain, York University; Gordon C. C. Douglas, University of Chicago; Johan Jansson, Uppsala University; Brian Hracs, University of Toronto; Daniel Campo, Morgan State University; Doreen Jakob, University of Exeter / UNC Chapel Hill; Patrick Adler, University of California Los Angeles

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- 3610. Population Specialty Group Plenary: The Human Planet (Sponsored by Population Specialty Group)**
Room: Clinton Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Max Lu, Kansas State University
 CHAIR(S): Max Lu, Kansas State University
 Discussant(s): Benjamin D Hennig, University of Sheffield
- 3611. Towards Methods of Possibility II (Sponsored by Qualitative Research Specialty Group, Graduate Student Affinity Group)**
Room: Gibson Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Geoffrey Boyce, University of Arizona; Sean Tanner, Rutgers University
 CHAIR(S): Geoffrey Boyce, University of Arizona
4:40 Nichola Wood*, University of Leeds, *Emotional Experiences of Difference: The Challenge of/for Methods.*
5:00 Ann Marie F Murnaghan*, University of Manitoba, *Reflexively Researching with a Playful Methodology.*
5:20 Sean Tanner*, Rutgers University, *Phronesis, Ethics, and Methods.*
5:40 Christina Zweifel*, University of Fribourg, *Geography as a tool to explore Possibility - Possibility as a tool in Geography.*
 Discussant(s): Sallie Marston, University of Arizona
- 3612. Tobler Lecture 2012: Are there fundamental concepts in GIScience? (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Gramercy Suite A, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Francis Harvey, University of Minnesota - Minneapolis
 CHAIR(S): Francis Harvey, University of Minnesota - Minneapolis
 Discussant(s): Daniel Sui, Ohio State University
- 3613. cultural geographies Annual Lecture: (Sponsored by Cultural Geography Specialty Group)**
Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Dydia DeLyser, Louisiana State University; Tim Cresswell, Royal Holloway, University of London
 CHAIR(S): Dydia DeLyser, Louisiana State University
 Introducer: Dydia DeLyser
4:45 Paul Robbins*, University of Arizona, *Ecological Anxiety Disorder: Diagnosing the politics of the Anthropocene.*
- 3614. Conservation and Protected Areas**
Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Neil Carter, University of Michigan
4:40 Andrea B Szell*, Western Michigan University, *Attitudes and perceptions of local residents and tourists toward the protected area of Retezat National Park, Romania.*
5:00 Jaime Speed Rossiter*, San Diego State University; Kathleen Farley, PhD, San Diego State University; Douglas Deutschman, PhD, San Diego State University, *How does the public define conservation?: Divergent perceptions regarding the San Diego Multiple Species Conservation Program.*
5:20 Kevin Archer*, University of South Florida, *Protecting the Natives in the Everglades: Eradicating Exotic Invaders, Restoring Authenticity?.*
5:40 Arshiya Urveeja Bose*, Department of Geography, University of Cambridge, U.K., *The Role of Incentives in Conserving Biodiversity.*
6:00 Neil H Carter*, Michigan State University; Ashton Shortridge, Michigan State University; Shawn Riley, Michigan State University; Binoj Shrestha, Institute for Social and Environmental Research - Nepal, *Using geospatial models to map local attitudes, beliefs, and perceptions towards a conflict-prone predator.*
- 3615. Geographies of Extractive Industries V: Panel Discussion (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Madison Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Jessica Budds, The Open University; Leonith Hinojosa-Valencia, The Open University
 CHAIR(S): Tom Perreault, Syracuse University
 Introducer: Jessica Budds
 Panelists: Gavin Bridge, University of Manchester; Jeffrey Bury, University of California, Santa Cruz; Matthew Huber, Syracuse University; Mazen Labban, Rutgers University; Gabriela Valdivia, University of North Carolina, Chapel Hill; Philippe Le Billon, University of British Columbia; Leah S Horowitz, Rutgers University
- 3616. Diversity in the Geographic Workforce (Sponsored by AAG ALIGNED Diversity Project, Ethnic Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))**
Room: Morgan Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers
 CHAIR(S): Darryl T. Cohen, U.S. Bureau of the Census
 Panelists: Amy Blatt, Quest Diagnostics; Heather R. Houlton, American Geosciences Institute; Rebecca Haacker-Santos, SOARS-UCAR; Dennis M Davidson, San Diego State University; Darryl T. Cohen, U.S. Bureau of the Census; Paisly Di Bianca, Northeastern Illinois University; Lisa Nungesser, Individual Member
- 3617. Exploring the Accuracy of GIS and Remotely Sensed Data**
Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Ruben Maddens, Ghent University
4:40 Perumal Balakrishnan*, Qatar University, *3D Visualization of Demographic data: A Case study of (Zone 22 and 23) in Doha city, The State of Qatar.*
5:00 Le Hoang Son*, Vietnam National University, Hanoi; Hoang Thi Minh Chau, University of Economic and Technical Industries (UNETI), *An Effective Algorithm for the Geo-Demographic Analysis Problem.*
5:20 Jeffrey M. Young*, LizardTech, *Retrospective on Quality Measurements of Geographic Databases.*
5:40 Jessica J Moehl*, Oak Ridge National Laboratory; Eddie A Bright, Oak Ridge National Laboratory, *Truth or Li(DAR)? How accurate is LiDAR derived estimation?.*
6:00 Ruben Maddens*, Ghent University; Nico Van de Weghe, Ghent University; Philippe De Maeyer, Ghent University, *A human perspective on movements in a two-dimensional space.*
- 3618. Geographies of Media 10: The Fight to Stay Put (Sponsored by Communication Geography Specialty Group)**
Room: Murray Hill Suite B, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Christopher Lukinbeal, University of Arizona; Giorgio Hadi Curti, San Diego State University
 CHAIR(S): Giorgio Hadi Curti, San Diego State University
 Discussant(s): Stuart C. Aitken, San Diego State University; Giorgio Hadi Curti, San Diego State University; Fernando J Bosco, San Diego State University; Pascale Joassart-Marcelli, San Diego State University; James Craine, California State University Northridge

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ORGANIZER(S): Ken MacDonald, University of Toronto;

Benjamin Neimark, Temple University

CHAIR(S): Catherine Corson, Mount Holyoke College

4:40 Daniel Suarez*, University of California, Berkeley, *Rearticulating Nature: Ecosystem Services in British Columbia and the United Nations Convention on Biological Diversity.***4:55** Sian Sullivan*, Birkbeck College, *After the Green Rush? Some Distributive Implications of New Value Grabbing in Biodiversity Conservation Markets.***5:10** David Lansing*, University of Maryland Baltimore County Geography and Environmental Systems, *The nature of ecological rents.***5:25** Gabrielle Bouleau, PhD*, Cemagref, *State-based and Market-based Categorization Through Ecological Modernization in Europe.***5:40** Kenneth Iain MacDonald*, University of Toronto, *Grabbing Green: Cynical Reason, Instrumental Ethics and the Production of "The Green Economy".***3620. Snapshots: Geography in the World Today II***Room: Nassau B, Hilton, Second Floor* (Panel Session)

ORGANIZER(S): Kenneth E. Foote, University of Colorado;

Douglas Richardson, AAG Executive Director

CHAIR(S): Kenneth E. Foote, University of Colorado

Brief (5- minute) presentations from leaders of geography organizations and societies from around the world. This panel session will provide an excellent opportunity to gain a brief overview on the status of geography in many other countries and to meet leaders of international geographical societies.

*(see additional information on page 19)***3635. The Inner-conference 5***Room: East Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Christian Anderson, The City University of New York - Graduate Center; Brandon B Derman, University of Washington

CHAIR(S): Christian Anderson, The City University of New York - Graduate Center

Panelists: Ståle Holgersen; Paul S. B. Jackson, University of Toronto; Jim Thatcher, Clark University; Dory Kornfeld, Columbia University

3636. Geographies of Gender in Varied Counties: Canada, Sweden, Ghana, Turkey, and the U.S.A. (Sponsored by Geographic Perspectives on Women Specialty Group)*Room: Green Room, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia

CHAIR(S): Risa Whitson, Ohio University

4:40 Ragnhild Overå*, Department of Geography, University of Bergen, Norway, *Challenges and strategies of local entrepreneurs in Ghana's oil and gas sector.***5:00** Penelopi Alexandrou, PhD candidate*, Kingston University London, *Social and Support networks of the Greek and Greek Canadian women of Halifax, NS - a case study.***5:20** Linda Sandberg*, *CREATING A SAFE CITY? Safety initiative, strategies and project in the Swedish town of Umeå.***5:40** Risa Whitson*, Ohio University, *Selling for Women: Gender and Place Dynamics in Direct Selling.***6:00** Eva-Marie Caroline Kovacs-Kowalke*, UBC; Eva-Marie Caroline Kovacs-Kowalke, UBC, University of British Columbia Okanagan, *Defining of community: within the inter-subjective space of a male dominated mining industry.***3637. Bodies, Borders, and Territory IV (Sponsored by Political Geography Specialty Group, Geographic Perspectives on Women Specialty Group)***Room: Harlem Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Mabel Gergan, UNC-Chapel Hill; Nathan Swanson, University of North Carolina-Chapel Hill

CHAIR(S): Sara H. Smith, University of North Carolina

Introducer: Sara H. Smith

Discussant(s): Arun Saldanha, University of Minnesota - Minneapolis

Panelists: Jennifer Fluri, Dartmouth; Jen Giesecking, CUNY Graduate Center; Tamar Mayer, Middlebury College; Sara Koopman, University of British Columbia

3639. The Political Ecology of Alternative Food Systems (Part III) (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)*Room: Holland Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Garrett Graddy, American University School of International Service

CHAIR(S): Valerie Imbruce, Bennington College

4:40 Jonathan Munetz*, University of Wisconsin-Madison, *Between Place: Food Consumption and Spaces of Inclusion and Exclusion in Montpellier, France.***5:00** Rachel A Garcia*, University of Alaska Fairbanks, *Public Use of Local Foods in Central Alaska: Understandings of Producers and Low-Income Community Members.***5:20** Rachel Bezner Kerr*, University of Western Ontario; Lizze Shumba, SFHC Project, Ekwendeni Hospital; Esther Lupafya, Ekwendeni Hospital; Rodgers Msachi, Ekwendeni Hospital, *Shifting Terrain: Political Struggles and Agroecological Approaches to Food Sovereignty in Malawi.***5:40** Evan Weissman*, Syracuse University, *Cultivating the City: Urban Agriculture and the Struggle for Food Justice in Brooklyn, NY.*

Discussant(s): Garrett Graddy, American University School of International Service

3640. Political economy and ecology of capture fisheries II (Sponsored by Cultural and Political Ecology Specialty Group, Coastal and Marine Specialty Group, Economic Geography Specialty Group)*Room: Hudson Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Elizabeth Havice, University of North Carolina-Chapel Hill

CHAIR(S): Elizabeth Havice, University of North Carolina-Chapel Hill

4:40 Chris Sneddon*, Dartmouth College; Coleen Fox, Ph.D., Dartmouth College, *A Political Economy of Fisheries in Large River Systems: The Altered Mekong.***5:00** Elizabeth Havice*, University of North Carolina-Chapel Hill; Kristin Reed, Ph.D., *Fishing for development? Resource rights, tuna access and development in Papua New Guinea.***5:20** Paul Foley*, York University, *The Political Economy of Fisheries Certification: Lessons from Newfoundland and Labrador's Inshore Shrimp Industry.***5:40** Holly M Hapke, PhD*, East Carolina University, *Gendered Livelihoods in the Global Fish Food Economy: A Comparative Study of Three Fisherfolk Communities in Kerala, India.*

Discussant(s): Liam Campling

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- 3641. Civilian Geographers working for the U.S. Army Geospatial Center [AGC] (Sponsored by Private/Public Affinity Group, Military Geography Specialty Group, Cartography Specialty Group)**
Room: Midtown Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Ray Caputo, U.S. Army Geospatial Center
 CHAIR(S): Ray Caputo, U.S. Army Geospatial Center
 Discussant(s): Ray Caputo, U.S. Army Geospatial Center
- 3642. Social Cohesion and Sustainable Development: Finding Missing Links through Comparative Analysis?**
Room: New York Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Harlan Koff, University of Luxembourg
 CHAIR(S): John Agnew, University of California - Los Angeles
 Discussant(s): Helen Jarvis, University of Newcastle Upon Tyne; Alison Blay-Palmer, Wilfrid Laurier University; Harlan Koff, University of Luxembourg; Carmen Maganda, University of Luxembourg; Michelle Duffy, Monash University; Rob Krueger, Worcester Polytechnic Institute
- 3644. Climate change and the geographies of behaviours (Sponsored by Climate Specialty Group, Transportation Geography Specialty Group)**
Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Martin Dijst, Utrecht University; Petra Zimmermann, Ball State University
 CHAIR(S): Martin Dijst, Utrecht University
4:40 Petra Zimmermann*, Ball State University; Michael Holmes, Center for Media Design, Ball State University, *Weather and Media Consumption: An Updated Analysis*.
5:00 Lars Bocker*, Utrecht University; Martin Dijst, Prof. Dr., Utrecht University; Jan Prillwitz, Dr., Utrecht University, *Changing Demand for Daily Activities and Destinations in a Changing Climate*.
5:20 Laura Bang Lindegaard*, Aalborg University, Department for Culture and Global Studies, *I like riding my bike. If it doesn't rain of course'. Accounts of embodied practices of rain in the face of climate change*.
5:40 Jon Martin Denstadli*, Institute of Transport Economics; Jens Steen Jacobsen, University of Stavanger, Norway, *Tourists' subjective weather perceptions across travel activity interests in high latitude destinations*.
- 3645. Geopolitics and the Middle East (Sponsored by Middle East Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Luke Struckman, Carleton University; Tristan Sturm, UCLA
 CHAIR(S): Luke Struckman, Carleton University
4:40 Tristan Sturm*, UBC, *Battlefield Tourism of Operation Cast Lead: American Christian Zionist Performances of Terra Nullius*.
5:00 Luke Struckman*, Carleton University, *American Popular Geopolitics and the Arab Uprisings*.
5:20 Mark Drury*, CUNY - Graduate Center, *Sovereignty, Self-determination and Western Sahara*.
5:40 Christine Leuenberger*, Cornell University; Christine Leuenberger, Dr., Cornell University, *Making Maps and Making States in Palestine/Israel*.
6:00 Ron J Smith*, University of Washington, *Geographies of Occupation Incarceration*.
- 3646. Green Commitments: transitions to a carbon conscious society 2 (Sponsored by Energy and Environment Specialty Group, Economic Geography Specialty Group)**
Room: Conference Room D, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Paul Barratt, Staffordshire University; David Gibbs, University of Hull
 CHAIR(S): C. Patrick Heidkamp, Southern Connecticut State University
4:40 Gareth D Powells*, Durham University; Harriet Bulkeley, Durham University; Mwenza Blell, Durham University; Sandra Bell, Durham University; Stephen Lyon, Durham University, *Experiencing the Smart Grid in 3D*.
5:00 Julie Cidell*, University of Illinois, *Environmentality in municipal green building policy: the city as role model*.
5:20 Annelies M. Goger, M.C.P.*, UNC Chapel Hill, *The Costs of Going Green: Model Eco-Factories in the Sri Lankan Garment Industry*.
5:40 Adeline Tubb*, University of New South Wales, *Does Green R&D Enhance Firm Profitability?*.
6:00 Chloe Brown*, Simon Fraser University, *The Politics of Climate Change in a Resource-Dependent Small Town: The Case of McBride, British Columbia*.
- 3647. Spatiotemporal Thinking and Computing - VI Panel (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)**
Room: Conference Room E, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Chaowei Yang, CISC/GMU; Weihe Wendy Guan, Harvard University
 CHAIR(S): Michael Goodchild, University of California - Santa Barbara
 Panelists: Kathleen Stewart, University of Iowa; Dawn Wright, Esri; Ronald Eastman, Clark University; May Yuan, Univ of Oklahoma
- 3648. Mapping Fictional Geographies (Sponsored by Cultural Geography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Sebastien Caquard, Concordia University; Thierry Joliveau
 CHAIR(S): Sebastien Caquard, Concordia University
4:40 Colin Arrowsmith*, RMIT University; Deb Verhoeven, Deakin University, *Visualising cinema circuits: a case study in Greek cinema*.
5:00 Daniel Naud*, Université de Montréal, *Quebec cinema: a synopsis of the organization of rural, urban and suburban spaces*.
5:20 Sebastien Caquard*, Concordia University, *Mapping Canadian Cinematographic Territories: A Geoweb Application*.
5:40 Thierry Joliveau*, Université Jean Monnet - Saint-Etienne CNRS EVS France, *Analyzing and Mapping Geographical Space in Films*.
6:00 William Cartwright, PhD, EdD*, RMIT University, *Fictional geography 'grounded': how geoweb applications seek to force Beck's London Underground map to conform to the geography above ground*.

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ORGANIZER(S): Christopher M. Keane, American Geological Institute; Michael N. Solem, Association of American Geographers

CHAIR(S): Michael N. Solem, Association of American Geographers

4:40 George E. Leblanc, Ph.D.*, National Research Council Canada; Margaret Kalacska Kalacska, Ph.D., Department of Geography, McGill University, *Complementary Aspects of Joint Geography, Geophysics and Engineering Principles and Practices at the Flight Research Laboratory of the National Research Council Canada.***5:00** Ming-chih Hung*, Northwest Missouri State University; Yi-Hwa Wu, Ph.D., Northwest Missouri State University; Patricia Drews, PhD, Northwest Missouri State University; C. Renee Rohs, PhD, Northwest Missouri State University; Aaron Johnson, PhD, Northwest Missouri State University; James Hickey, PhD, Northwest Missouri State University; John Pope, PhD, Northwest Missouri State University, *Collaborative Activities between Geology and Geography in Northwest Missouri State University.***5:20** Tamra A. Schiappa, Ph.D.*, Slippery Rock University; Langdon Smith, Slippery Rock University; Jack Livingston, Slippery Rock University, *Multidisciplinary Field Studies and Undergraduate Student Success: A case study from Slippery Rock University.***5:40** Jill S. Heaton*, University of Nevada, Reno; Patricia H. Cashman, University of Nevada, Reno; James H. Trexler, University of Nevada, Reno; P. K. House, United States Geological Survey; Karin Von Seckendorff Hoff, University of Nevada, Reno; David Charlet, College of Southern Nevada, *Geo-controls on Distribution of Yucca sp., Clark County, Nevada.***6:00** James H. Trexler; Patricia Cashman*, UNR; Jill S. Heaton; Christopher Peterson; Jeremy Murray; P. Kyle House; Abbey Grimmer, *Field Applications of Digital Pen Technology.***3651. American Class Wars III: OWS and World Insurrections (Sponsored by Socialist and Critical Geography Specialty Group)***Room:* Conference Room I, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Clayton Rosati, Bowling Green State University; James A. Ketchum, Association of American Geographers

CHAIR(S): Clayton Rosati, Bowling Green State University

Introducer: Clayton Rosati

Panelists: Jackie Orr, Syracuse University; Richard McIntyre, University of Rhode Island; Richard Wolff, University of Massachusetts At Amherst

3652. Integrated Natural Disaster Reduction and Sustainable Development in China III (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)*Room:* Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Xinyue Ye, Bowling Green State University; Peijun Shi, Beijing Normal University

CHAIR(S): Xinyue Ye, Bowling Green State University

4:40 Yanhua Liu*, *The role of Geography involved in Global Change Research.***5:00** Ming Wang*, Beijing Normal University; Min Liu, Beijing Normal University; Peijun Shi, Beijing Normal University, *Spatial Pattern of Risk Perception of National Hazards in China.***5:20** Yao Zhou*, 1.School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Jing'ai WANG, 1.School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Yaojie Yue, 1.School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Yuan Yuan Yin, 1.School of Geography, Beijing Normal University, Beijing 100875 2. Key Laboratory of Regional Geography, Beijing Normal University, Beijing 100875; Ronghai Hu, School of Geography, Beijing Normal University, Beijing 100875; Pinhong Xu, School of Geography, Beijing Normal University, Beijing 100875, *Drought Risk Assessment Model of Mountainous area based on DEM ??Case Study of Henan in China.***5:40** Christian D. Klose, Dr. sc.*, Think Geohazards, *Incorporating economic losses of geohazards into an optimal resources extraction model.*

Discussant(s): Peijun Shi, Beijing Normal University

3653. High Performance Computing: Remote Sensing and Geographical Information Applications (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Spatial Analysis and Modeling Specialty Group)*Room:* Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Benjamin Heumann, McGill University

CHAIR(S): Benjamin Heumann, McGill University

Introducer: Benjamin Heumann

4:50 Benjamin Heumann*, McGill University; Margaret Kalacska, PhD, McGill University, *Hyperspectral Remote Sensing of Boreal Peatlands: Improvements using High Performance Computing.***4:58** Eric Shook*, University of Illinois at Urbana-Champaign; Shaowen Wang, University of Illinois at Urbana-Champaign, *Investigating the influence of spatial and temporal resolutions in a large-scale epidemic agent-based model.***5:18** Mary Lindsey, M.A.*, University of Maryland, Department of Geography; Chengquan Huang, PhD, University of Maryland, Department of Geography; Samuel Goward, PhD, University of Maryland, Department of Geography; Karen Schleeweis, University of Maryland, Department of Geography; Elaine Denning, University of Maryland, Department of Geography, *The role of high-performance computing in generating wall-to-wall forest disturbance maps for the United States using the Landsat archive.***5:38** Yanli Zhao*, University of Illinois at Urbana-Champaign; Shaowen Wang, University of Illinois at Urbana-Champaign; Anand Padmanabhan, University of Illinois at Urbana-Champaign, *A Parallel Approach for Spatial Cluster Detection using Multi-GPGPUs.***5:58** Wenwu Tang*, University of North Carolina at Charlotte; David A. Bennett, University of Iowa; Zhaoyu Gong, University of North Carolina at Charlotte, *Parallel Agent-based Simulation within Heterogeneous Many-core Computing Environments.*

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- 3654. Navigating the Geographies of Food: People, Place, Culture, & Power, IV (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Qualitative Research Specialty Group)**
Room: *Conference Room L, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Gina Thornburg, Kansas State University
 CHAIR(S): Gina Thornburg, Kansas State University
4:40 Hollis France*, College of Charleston, *Decolonizing the "security" in food security.*
5:00 Sarah Turner*, McGill University; Christine Bonnin, McGill University, *Rice at what price? Food Security, Livelihoods, and State Interventions in Upland Northern Vietnam.*
5:20 Po-Yi Hung*, University of Wisconsin - Madison, *Tea Forest in the Making: Tea Production, Modernity, and Nature on China's Southwest Frontier.*
5:40 Jenny Elaine Goldstein*, University of California, Los Angeles, *The Resiliency of Urban Food Networks in Indonesia: Local Home-Industry Production and Global Soy Agribusiness as Hybrid Food System.*
- 3656. Africa through GIS and other Formats (Sponsored by Geographic Information Science and Systems Specialty Group, Africa Specialty Group, Development Geographies Specialty Group)**
Room: *Central Park East, Sheraton, Second Floor* (Illustrated Paper Session)
 ORGANIZER(S): Sophia Harmes, University of Delaware
 CHAIR(S): Sophia Harmes, University of Delaware
 Introducer: Sophia Harmes
4:50 Peter Anthamatten, PhD., MPH*, University of Colorado Denver; Ebenezer Nikoi, PhD, University of Minnesota, *An examination of environmental correlates with childhood stunting in Ghana.*
5:00 Victoria A.T. Le, B.Sc.*, The University of Western Ontario; Isaac N. Luginaah, Ph.D., The University of Western Ontario, *Diffusion of Health Innovations in Underresourced Communities: Probiotic Yogurt in the Context of HIV/AIDS in Africa.*
5:10 Kikombo Ngoy*, Kean University, *Evaluating the contribution of peri-urban agriculture to mitigate food shortage in a post-conflict environment: A case study of Lubumbashi in the Democratic Republic of Congo.*
5:20 Sophia Harmes, PhD*, University of Delaware, *Land Use Changes in Zambia's Eastern Province.*
- 3657. Geographies of Post-Secularism? (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: *Central Park West, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Patricia Ehrkamp, University of Kentucky; Elizabeth Olson, University of Edinburgh
 CHAIR(S): Elizabeth Olson, University of Edinburgh
 Introducer: Elizabeth Olson
 Panelists: Paul Cloke, University of Exeter; Ju Hui Han, University of British Columbia; Jason Dittmer, University College London; Banu P. Gokariksel, University of North Carolina, Chapel Hill; Patricia Ehrkamp, University of Kentucky; Caroline Nagel, University of South Carolina
- 3658. Honoring James O. Wheeler, Session IV: Remembrances of Colleagues and Students (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group, Business Geography Specialty Group)**
Room: *Empire Ballroom East, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Peter Muller, University of Miami
 CHAIR(S): Peter Muller, University of Miami
 Discussant(s): Elvin Wyly, University of British Columbia; Barney Warf, University of Kansas
 Panelists: Robert Lake, Rutgers University; Hongmian Gong, Hunter College; Clifton W. Pannell, University of Georgia; Yuko Aoyama, Clark University; Sharmistha Bagchi-Sen, SUNY-Buffalo; Sam Park, Seoul National Univ; Steven R. Holloway, University of Georgia; Stanley Brunn, University of Kentucky; David Dickason, Western Michigan University
- 3659. New Voices in Rural Geography (Part II) (Sponsored by Rural Geography Specialty Group)**
Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Colleen Hiner, UC Davis; Renata Blumberg, University of Minnesota
 CHAIR(S): Renata Blumberg, University of Minnesota
4:40 Stina Soderling*, Rutgers University, *Compost and Queers: Hidden histories of displacement in a rural queer community.*
5:00 Sarah Franzen*, Emory University, *Growing Community: The Role of Community-Based Development in Alternative Food Praxis.*
5:20 Caleb Richter-Tate*, *Surviving Modern Agriculture in Nebraska: Organizational Strength and Sustainability.*
5:40 Cheryl Morse, PhD*, University of Vermont, *The Vermont Farmlands Project.*
6:00 Maura Farrell*, Department of Geography, National University of Ireland, Galway, *New Opportunities and Cautionary Steps? Farmers, Forestry and Rural Development.*
- 3660. Sex, Love, Labor and Spaces In-Between: New Books on the Filipina/o Diaspora (Sponsored by Asian Geography Specialty Group, Sexuality and Space Specialty Group, Economic Geography Specialty Group)**
Room: *Lenox Ballroom, Sheraton, Second Floor* (Panel Session)
 ORGANIZER(S): Geraldine Pratt, University of British Columbia; Lieba Faier, UCLA
 CHAIR(S): Geraldine Pratt, University of British Columbia
 Panelists: Geraldine Pratt, University of British Columbia; Lieba Faier, UCLA; Robyn Rodriguez, University of California Davis; Kale Fajardo, University of Minnesota; John Paul Catungal, University of Toronto; Rachel Silvey, U. of Toronto
- 3661. Geodiscoveries (Sponsored by Retired Geographers Affinity Group)**
Room: *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Christine Drake, Old Dominion University
 CHAIR(S): Christine Drake, Old Dominion University
 Panelists: Donald C. Dahmann; Christine Drake, Old Dominion University; Dorothy Drummond, Indiana State University; Julian V. Minghi, University of South Carolina; Arthur Getis, San Diego State University

SUNDAY, FEBRUARY 26 • 4:40 PM - 6:20 PM • 3600**3662. Geographies of Well-Being III: The Importance of Everyday Life and Mobility (Sponsored by Health and Medical Geography Specialty Group)**

- Room:** Carnegie Suite West, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Tim Schwanen, University of Oxford
 CHAIR(S): Tim Schwanen, University of Oxford
4:40 Qian Hui Tan*, National University of Singapore, *Smoking Spaces and Wellbeing*.
5:00 Donggen Wang*, Hong Kong Baptist University; Tim Schwanen, University of Oxford, *Subjective Wellbeing, Place, and Daily Activity Undertaking*.
5:20 Susanne Nordbakke*, Institute of Transport Economics, *Capabilities for mobility among older women*.
5:40 Dick Ettema*, Utrecht University, *Studying Pedestrians' Well-Being in Urban Contexts: A Comparison of three Self-documentation Platforms*.
6:00 Tamara Ratz*, Kodolanyi Janos University of Applied Sciences; Gabor Michalko, Geographical Research Institute, Hungarian Academy of Sciences, *Leisure Mobility and Well-being in Hungary*.

3663. Therapeutic neighborhoods: uses of urban public space and health

- Room:** Liberty 1, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Marion Tillous, Université Paris 8 / Ladyss; Hugo Pilkington, University of Paris 8 (Saint-Denis)
 CHAIR(S): Hugo Pilkington, University of Paris 8 (Saint-Denis)
4:40 Niamh K Shortt, PhD*, University of Edinburgh, United Kingdom; Elizabeth Richardson, PhD, University of Edinburgh, United Kingdom; Jamie Pearce, PhD, University of Edinburgh, United Kingdom; Richard Mitchell, PhD, University of Glasgow, United Kingdom, *Does the physical environment influence physical activity?*.
5:00 Joel Mathwig*, University of South Carolina, *Environmental Justice and Obesity Rates in Neighborhoods Surrounding Urban Greenways*.
5:20 Andrew R Maroko, Ph.D.*, City University of New York; Rachael Weiss, The Graduate Center, City University of New York; Tiffany Brown, Lehman College, City University of New York, *Health and Environmental Justice Risks: Mapping Environmental Stressors in the South Bronx, New York City*.
5:40 Marion Tillous*, Université Paris 8 / Ladyss, *The Role of Mobility Places in the Therapeutic Quality of Urban Area: the Case of Elderly Modal Choice in Montreal Central District*.

3664. Lived Geographies 3: Protest, Participation and Urban Space

- Room:** Liberty 2, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Georgia Lindsay, University of California, Berkeley
 CHAIR(S): Zeenat Mahjabeen, The University of Sydney
4:40 Biko Koenig*, The New School for Social Research, *Preoccupations Aside: An Ethnography of the Wall Street Occupation*.
5:00 Jessica Hallenbeck*, University of British Columbia, *Video and the Right to the City: Collaborative and Participatory Videos from British Columbia*.
5:20 Camilla Perrone, prof.*, University of Florence; Giancarlo Paba, prof., University of Florence, *New Metropolitan Mainstream. Florence (Italy): urban segmentation, social exclusion, and insurgent planning practices*.
5:40 Patrick T. Hammons*, The Pennsylvania State University, *Urbanization, Gentrification, and Resistance: The Politics of Green Space in North Portland*.
6:00 Zeenat Mahjabeen*, The University of Sydney; Krishna K. Shrestha, Senior Lecturer, The University of Sydney, *Social Justice and Urban Planning: Opportunities for Community Participation in Sydney Metropolitan Planning, Australia*.

3665. Ecological Analysis using Historical Records (III): Accuracy and Modeling (Sponsored by Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)

- Room:** Liberty 3, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Yi-Chen Wang, National University of Singapore; Barry Kronenfeld, Eastern Illinois University
 CHAIR(S): Yi-Chen Wang, National University of Singapore
4:40 Steve Rogers, MSc CLS*, Natural Resources Canada; Brian Ballantyne, PhD, Natural Resources Canada, *Jurisdictional bounds: Methodological rigour, surveying records & Indian Reserves*.
5:00 Stephen J. Tulowiecki*, Department of Geography, University at Buffalo; Chris P.S. Larsen, Department of Geography, University at Buffalo; Yi-Chen Wang, Department of Geography, National University of Singapore, *Assessing the Geolocational Accuracy and Measurement Error of Presettlement Land Survey Records*.
5:20 Barry J Kronenfeld*, Eastern Illinois University, *Density-Independent Distance Tests of Bias in Presettlement Land Surveys*.
5:40 Todd D Fagin, PhD*, University of Oklahoma; Eun-Hye Yoo, PhD, University at Buffalo, The State University of New York (SUNY); Bruce W Hoagland, PhD, University of Oklahoma; Guofeng Cao, PhD, University of Illinois, Urbana-Champaign, *Modeling spatial distribution of PLS witness tree data using a multinomial logistic mixed model*.
6:00 Andrew Trgovac*, Student, *The effects of taxonomic aggregation on the species abundance patterns found in presettlement survey records*.

3666. Migration in the Arab World and the Horn of Africa (Sponsored by Population Specialty Group)

- Room:** Liberty 4, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder
 CHAIR(S): Michael Ewers
4:40 Michael Ewers*, Texas A&M University, *Migration and labor market segmentation in Dubai and Abu Dhabi: World cities, rentier states and global hubs for talent*.
4:55 Glenda Garelli*, UIC; Martina Tazzioli, Goldsmiths University of London, *Arab Spring migrations to Italy: Counter-mapping the space of asylum and migration management in the Mediterranean area*.
5:10 Ilaria Giglioli, PhD student*, UC Berkeley, *Tunisia - Italy: De-naturalising contemporary relations*.
5:25 Hewan Girma*, State University of New York at Stony Brook, *Coming back home: Return-migration in Ethiopia*.
5:40 Danielle Huot, BA, MES Candidate*, Faculty of Environment, University of Waterloo, *The Role of Climate Change in Population Displacement: Causes, Implications and Governance of "Climate Refugees" in Kenya*.

3667. Whither the countryside?: Reports on the urban/rural divide in China (Sponsored by China Specialty Group, Urban Geography Specialty Group)

- Room:** Liberty 5, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Travis Klingberg; Jessica Wilczak, University of Toronto
 CHAIR(S): Daniel Buck, University of Oregon
4:40 Travis Klingberg*, University of Colorado at Boulder, *Independent Domestic Tourism and the Making of Explorable Place in China*.
5:00 Jessica Wilczak*, University of Toronto, *"The new countryside is planned": Tracing the emergence of rural planning in Chengdu*.
5:20 Afton Clarke-Sather*, University of Colorado, Boulder, *The*

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Capital of Potatoes and Urbanization of Agricultural Development in Northwest China.

5:40 Leqian Yu*, University of Toronto, *Remaking Rural Space: An Analysis of China's Rural Financial Reforms since 2006.*

Discussant(s): Daniel Buck, University of Oregon

3668. Euro-Mediterranean Mobilities and Territorialities II (Sponsored by European Specialty Group)

Room: *New York Ballroom East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): David Prytherch, Miami University; David Sauri, DEpartament de Geografia, UAB

CHAIR(S): David Sauri, DEpartament de Geografia, UAB

4:40 Josep-Vicent Boira-Maiques*, Universitat de València; David L Prytherch*, Miami University, *Regions beyond Regions: Politics of Territory and Flow in the Mediterranean Arc.*

5:00 Antoni Dura-Guimera*, Universitat Autònoma de Barcelona, *Macroregions in the Mediterranean: a new strategy for development and peace.*

5:20 Maria Hernandez*, Department of Regional Geography, University of Alicante; Alfredo Morales, Department of Regional Geography, University of Alicante, Spain; Albert Llausas, Department of Geography, University of Girona, Spain, *Export agriculture in Mediterranean Spain: current challenges and opportunities.*

5:40 Jorge Olcina*, Department of Regional Geography, University of Spain; Anna Ribas, Department of eography, University of Girona, Spain, *Climate change and environmental risks in Mediterranean Spain.*

3669. Disaster Risk Reduction and Climate Change Adaptation meet the Big Apple: Lessons from 2011's Hurricane Irene and Tropical Storm Lee (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Hazards Specialty Group)

Room: *New York Ballroom West, Sheraton, Third Floor* (Panel Session)

ORGANIZER(S): Robin Leichenko, Rutgers University

CHAIR(S): Robin Leichenko, Rutgers University

Panelists: Allan Frei, Hunter College; David A Robinson, Rutgers University; Burrell Montz, East Carolina University; James Mitchell, Rutgers University; Vivien Gornitz, Columbia University

3670. Cognition, Behavior, Representation, III: User Interactions with and Interpretations of Maps (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)

Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Kirk Goldsberry, Michigan State University

CHAIR(S): Kirk Goldsberry, Michigan State University

4:40 Robert Roth, PhD*, UW-Madison, *Towards a Taxonomy of Cartographic Interaction Primitives.*

5:00 Irma Kveladze*, University of Twente ITC; Menno-Jan Kraak, University of Twente ITC, *The set up of an evaluation method to judge the effectiveness of the space time cube.*

5:20 Seonggook Moon, Ph.D Candidate*, Kyung Hee University; Chulsue Hwang, Kyung Hee University, *Evaluating the Web-based Thematic Map for User Centered Interface Design.*

5:40 Mathew A. Dooley, Ph.D.*, University of Wisconsin-River Falls, *To Tween or not to Tween: Exploring smooth transitions for dynamic proportional symbol maps.*

6:00 Fritz Kessler*, Frostburg State; Sarah Battersby, Assistant Professor, University of South Carolina, *Cues for Interpreting Distortion in Map Projections.*

3671. Tools and techniques for representing tourism places (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Alison M Gill, Simon Fraser University

CHAIR(S): Claudia G Green, Pace University

4:40 Margaret Woodward, Associate Professor*, Charles Sturt University, *Greetings from Aggaw Aggaw: Mapping souvenirs as tourism telemetry.*

5:00 Mariana Arzeno*, CONICET, Universidad de Buenos Aires; Claudia A. Troncoso*, CONICET, Universidad de Buenos Aires, *Traditional Andean Food, Tourism and Place: Defining the New Geography of the Quebrada de Humahuaca (Argentina).*

5:20 Leslie North, PhD*, Western Kentucky University, Hoffman Environmental Research Institute; Philip van Beynen, PhD, University of South Florida, *Informal Learning at Tourism Attractions: Insights Gained from Karst Show Caves.*

5:40 Chia-Hao Chang, Project Manager*, Spatial Information Research Center; Tzu-How Chu, Professor, Dept. of Geography, National Taiwan University, *Where can I go? Potential Tourist Facility Requirement Analysis from GPS Data in Yehliu GeoPark, Taiwan.*

6:00 Claudia G Green*, Pace University, *Green Mapping Sustainable Tourism in the Brazilian Atlantic Rainforest.*

3672. RCEEE Sponsored Session III: Economic Spaces and Flows (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Megan Dixon, College of Idaho

CHAIR(S): Andrey Petrov, University of Northern Iowa

4:40 Andrey N Petrov*, University of Northern Iowa; Alexandra M Bozheva, University of Western Ontario; Brian Van Drasek, University of Northern Iowa, *Creative Russia: Spatial Dimensions of Russia's Creative Capital.*

5:00 Joel I Deichmann, PhD*, Bentley University, *Determinants of the Origins of Foreign Direct Investment in Bosnia-Herzegovina.*

5:20 Igor V. Pilipenko*, Lomonosov Moscow State University, *Determinants of spatial concentration and productivity of manufacturing industries in the Russian regions in the 1990-2000s.*

5:40 Syssoeva Natalia*, Irkutsk Scientific Center Siberian Branch of Russian Academy of Sciency, *Eastern regions of Russia and Asia-Pacific markets.*

Discussant(s): Megan Dixon, College of Idaho

3673. Legal geography and the nomosphere, power and influence, session 3

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Melinda Benson, University of New Mexico; Robyn L Bartel, University of New England, Australia

CHAIR(S): Melinda Benson, University of New Mexico

4:40 Margo Kleinfeld*, University of Wisconsin - Whitewater, *Humanisation of war? Designing asylum cities and hospital towns for the Geneva Conventions.*

5:00 Robyn L Bartel*, University of New England, Australia; Christopher Stone, University of New England, *Harmonization, heterogeneity and why rocks are hard places: Going beyond the dead zone of materiality.*

5:20 Erez Tzfadia*, Department of Public Policy and Administration, Sapir College, *Nomospheric Colonization: The Legal Geography of Israel's Settlement in the OPT.*

5:40 Melinda Benson*, University of New Mexico, *The geographies of proof: a nomospheric investigation of the allocation of burdens embedded within the 'standing' requirement for environmental cases in the*

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Discussant(s): David Delaney, Amherst College

- 3674. Changing Landscapes from the Amazon to the Andes V (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)**
Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Clark Gray, University of North Carolina at Chapel Hill; Christian Abizaid, University of Toronto
 CHAIR(S): Christian Abizaid, University of Toronto
4:40 William Forbes*, Stephen F. Austin State University, *Revisiting Peru's Rio Madre de Dios: Aldo Leopold's Symbol of Global Wilderness.*
5:00 Timothy S Pruett*, West Virginia University, *The Political Ecology of Cocalero Resistance.*
5:20 Benjamin C Miltner, M.Sc. Candidate*, McGill University, Geography; Oliver T Coomes, PhD, McGill University, Geography, *Biochar soil management in traditional Amazonian peasant agriculture: Charcoal production and kiln-site cultivation in Peru.*
5:40 Anthony D Cak*, Indiana University; Emilio F. Moran, Indiana University, *Agriculture, urbanization, and small households in the Brazilian Amazon: Relationships between residents and the water chemistry of small streams.*
 Discussant(s): David Salisbury, University of Richmond
- 3675. Accessibility Planning and Practice (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**
Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Antonio Paez
 CHAIR(S): Karen Lucas, TSU, University of Oxford
4:40 Antonio Paez*, McMaster University; Md Moniruzzaman, M.A., McMaster University; Leo-Pierre Bourbonnais, M.Sc., Ecole Polytechnique de Montreal; Catherine Morency, Ph.D., Ecole Polytechnique de Montreal, *Developing a web-based accessibility calculator prototype for the Greater Montreal Area.*
5:00 Kerstin Westin*, Umeå University; Annika Nordlund, Dept. of psychology, Umeå university, Sweden, *New Infrastructure - Increased Accessibility?.*
5:20 Maria Attard, PhD*, University of Malta, *The promise of accessibility: the application of road pricing in Valletta, Malta.*
5:40 Mizuki Kawabata*, The University of Tokyo, *Access to Childcare and Desired Work-Family Balance in Tokyo.*
6:00 Benjamin W.C. Garden, M.A. Candidate*, McMaster University; Darren M Scott, Associate Professor, McMaster University, *Teleworkers in Motion: An Investigation of Distance Traveled for Discretionary Purposes.*
- 3676. Critical Geographies of Education V: Pedagogies of Liberation and Neoliberal Constraints (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Ethnic Geography Specialty Group)**
Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Tyler McCreary, York University; Anne Godlewski
 CHAIR(S): Peter M Brogan
4:40 Elsie Lewison*, University of Toronto, *Development Undead: Reflections on a Neoliberal Life after Academic Death.*
5:00 Gregory Martin*, University of Technology Sydney; Tony Brown, University of Technology, Sydney, *Here be dragons? Off the edge of the map, critical pedagogies in the neoliberal university.*
5:20 Christopher Riley*, Ohio State University - Geography, *Teaching Beyond the Test: How Alternative Pedagogies*

Might be Realized.

- 5:40** Kristin Smith*, Ryerson University; Donna Jeffery*, University of Victoria, *Critical Pedagogies? What Does On-line Social Work Education Do in the Neoliberal Moment?.*

- 3677. Alcohol, Poverty and the City II**
Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Clare Herrick, King's College London
 CHAIR(S): Clare Herrick, King's College London
4:40 Gordon Pirie*, University of Cape Town, *Inebriation and immobility.*
5:00 Roger M. Picton*, Trent University; Vanessa Mathews*, University of Toronto, *Intoxicating Gentrification: Booze & Post-Industrial Heritage.*
5:20 John Foster, PhD- Principal Research Fellow*, University of Greenwich, *Deliberate Self Harm/Poisoning, Suicide Trends. The link to increased Alcohol Consumption in Sri Lanka.*
 Discussant(s): Clare Herrick, King's College London; Susan Parnell, University of Cape Town
- 3678. New Trends and Challenges for Brownfields Regeneration (Sponsored by Applied Geography Specialty Group)**
Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Bohumil Frantal, Institute of Geonics, Czech Academy of Sciences; Petr Klusacek, Institute of Geonics AS CZ, v.v.i.
 CHAIR(S): Petr Klusacek, Institute of Geonics AS CZ, v.v.i.
4:40 Petr Klusacek*, Institute of Geonics AS CZ, v.v.i., *Identification of the success factors of brownfield regeneration: some evidence from European experience.*
5:00 Esteve Dot*, Universitat Autònoma de Barcelona; Antònia Casellas, Universitat Autònoma de Barcelona; Montserrat Pallares-Barbera, Universitat Autònoma de Barcelona, *Urban revitalization in a technological district: a case study from the entrepreneurial city approach.*
5:20 Amanda Ramalho Vasques, Amanda Vasques*, Universidade Estadual Paulista; Magda Adelaide Lombardo, Magda Lombardo, Universidade Estadual Paulista; Larissa Lucciane Volpe, Larissa Volpe, Universidade Estadual Paulista, *Mapping Brownfield Redevelopment in São Paulo - Brazil.*
5:40 Larissa Lucciane Volpe, Larissa Volpe*, UNESP; Magda Adelaide Lombardo, Magda Lombardo, Universidade Estadual Paulista; Amanda Ramalho Vasques, Universidade Estadual Paulista, *Fragments in the Landscape of the City of São Paulo - Brazil: The Railway Brownfields.*
6:00 Wenjie Sun, Ph.D.*, Carthage College; Brendon Jones, Carthage College, *Using multi-scale spatial and statistical analysis to assess the effects of brownfield redevelopment on surrounding residential property values in Milwaukee County.*
 Discussant(s): Sarah Schafer, University of Toledo
- 3679. Fishing Communities and the Politics of Scale II (Sponsored by Rural Geography Specialty Group, Coastal and Marine Specialty Group, Indigenous Peoples Specialty Group)**
Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Laurie Richmond, NOAA Fisheries/University of Hawai'i
 CHAIR(S): Laurie Richmond, NOAA Fisheries/University of Hawai'i
4:40 Dawn Kotowicz, Ph.D.*, NOAA Fisheries/University of Hawaii, Honolulu, HI, *Hawaii's longline fishery - Monitoring Adaptations of a Fishing Community.*
5:00 Jordan Blanton*, College of Charleston, *Something is Fishy in the Yukon River Drainage; Geographies of*

SUNDAY, FEBRUARY 26 • 4:40 PM - 6:20 PM • 3600

International Resource Law.

5:20 Laurie Richmond*, NOAA Fisheries/University of Hawai'i, *Negotiating a Halibut Biology: Community, Knowledge, and Power in the Formulation of Pacific Halibut Catch Limits.*

5:40 Kevin St. Martin*, Rutgers University; Julia Olson, National Marine Fisheries Service, *Enacting Community in Marine Ecosystem-Based Management.*

6:00 Jennifer F Brewer*, East Carolina University, *Toward a Plurality of Public Spheres: Deliberative Communities in Fisheries Management.*

3680. Common and Private Property Rights: Law, Lands, and Governance

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Pietro Calogero, Student

4:40 Christine Mathenge*, Austin Peay State University, *De Facto Property Rights in Kigezi.*

5:00 Jeremy J Schmidt*, University of Western Ontario; Kyle R Mitchell, University of Strathclyde, *Property and the right to water: toward a non-liberal commons.*

5:20 Jon Unruh, PhD*, McGill University, *Opposed Legalities of Land in the Darfur Conflict.*

5:40 Kundan Kumar*, University of Toronto; Neera Singh, University of Toronto, Faculty of Forestry, *Contesting Exclusionary Conservation: Protected Areas and the Forest Rights Act in India.*

6:00 Pietro Calogero*, Student, *Property, Debt, and Urban Rights in Kabul.*

3681. How Do Clusters Transform? (Sponsored by Economic Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Paivi Oinas, University of Turku, Turku School of Economics

CHAIR(S): Paivi Oinas, University of Turku, Turku School of Economics

4:40 Paivi Oinas*, University of Turku, Turku School of Economics, Finland; Maria Hoyssa, University of Turku, Turku School of Economics; Jukka Teras, University of Turku, Turku School of Economics; Zsuzsanna Vincze, University of Umea Business School, Sweden, *Coordination Mechanisms in Innovation-Driven Cluster Transformation.*

5:00 Maria H Hoyssa*, Turku School of Economics, *Science-based innovations and cluster change in the life sciences sector in Turku, Finland.*

5:20 Jukka T Teras*, University of Turku, Finland, *Transformation of Regional Research-Driven Clusters: The Case of Printed Intelligence in Northern Finland 1998-2011.*

5:40 Mika Kautonen, Dr.*, University of Tampere, *Cluster transformation and trans-national interconnectedness.*

6:00 Ju Liu, Senior Researcher*, TaSTI, University of Tampere, Finland; Cristina Chaminade, Professor, CIRCLE, Lund University, Sweden, *The Interplay and Governance of Firms' Global Production Networks and Global Innovation Networks: Two Cases in Telecommunication and Automobile Safety Industry of Sweden.*

3682. Speed-Dating with an NSF Program Officer

Room: Americas Hall 2A, Hilton Hotel, Third Floor (Workshop Session)

ORGANIZER(S): Thomas Baerwald, National Science Foundation

4:40 Antoinette WinklerPrins, Michigan State University

5:00 Thomas Baerwald, National Science Foundation

6:30 PM

6:30 p.m. - 7:30 p.m.

3723. AAG PAST PRESIDENT'S ADDRESS

Building Community, Changing Culture by Kenneth E. Foote

Room: Sutton Parlor Center, Hilton, Second Floor (Plenary Session)

Opening Remarks: Douglas Richardson, AAG Executive Director

Signing of US-China (AAG-GSC) Cooperative MOU

Introduction: Audrey Kobayashi, AAG President, Queen's University

Speaker: **Kenneth E. Foote**, AAG Past President, University of Colorado

In his Past President's Address at the 2012 Annual Meeting, **Kenneth Foote** will focus on issues he sees as vital to sustaining and expanding geography's role in science and society. These involve building a strong sense of community and changing our disciplinary culture in ways that respond to changing opportunities and challenges. Geography's contributions to science, scholarship, education, government, and business will always be the hallmarks of our success. But continuing to make such contributions means taking a close look at the way we nurture new talent, cultivate leaders, promote innovation in education and research, and respond creatively to the changing demands of science and society.

This means, in part, creating a stronger sense of community by providing more and better support for department leaders, for international students and faculty, and for part-time and contingent faculty. It is important to do more to make sure that all geographers - at whatever career stage and of whatever background - have the support they need to succeed in these careers.

Foote will elaborate on what he believes building community implies, such as: looking beyond the department, responding effectively to changing trends in the economy, taking a big-picture approach to geography as a discipline. To achieve this, Foote will argue that geography needs good chairs and leaders, that we should continue to consider ways of improving geography curricula and programs at all levels, and to challenge, at times, the fundamental assumptions of our trade.

Preceding the Past President's Address will be a ceremonial signing of a US-China (AAG-GSC) Memorandum of Understanding. Concluding the address will be the presentation of the AAG Presidential Achievement Award to **Laura Pulido**, University of Southern California and **Dawn Wright**, Esri by AAG Past President Kenneth Foote.

6:30 p.m. - 8:30 p.m.

Memorial Reception for James Wheeler

Room: Empire Ballroom East, Sheraton

Sponsors: Association of American Geographers (AAG), SouthEastern Division of the Association of American Geographers (SEDAAG), and University of Georgia's Department of Geography

SUNDAY, FEBRUARY 26**7:00 PM - 8:00 PM • 3700****7:00 p.m. - 8:00 p.m.**

- 3801. Indigenous Peoples Specialty Group Business Meeting**
Room: Concourse A, Hilton, Concourse Level
- 3802. Cultural and Political Geography Specialty Group Business Meeting**
Room: Concourse B, Hilton, Concourse Level
- 3803. Sexuality and Space Specialty Group Business Meeting**
Room: Concourse C, Hilton, Concourse Level
- 3804. Russian, Central Eurasian, and East European Specialty Group Business Meeting**
Room: Concourse D, Hilton, Concourse Level
- 3806. Qualitative Research Specialty Group Business Meeting**
Room: Concourse F, Hilton, Concourse Level
- 3836. Graduate Student Affinity Group Business Meeting**
Room: Green Room, Hilton, Fourth Floor
- 3837. Hazards Specialty Group Business Meeting**
Room: Harlem Suite, Hilton, Fourth Floor
- 3845. Bible Geography Specialty Group Business Meeting**
Room: Conference Room C, Sheraton, Lower Level
- 3850. Historical Geography Specialty Group Business Meeting**
Room: Conference Room H, Sheraton, Lower Level
- 3861. Retired Geographers Affinity Group Business Meeting**
Room: Carnegie Suite East, Sheraton, Third Floor
- 3867. China Specialty Group Business Meeting**
Room: Liberty 5, Sheraton, Third Floor

8:00 PM - 9:00 PM • 3800**8:00 p.m. - 9:00 p.m.**

- 3901. Middle East Specialty Group Business Meeting**
Room: Concourse A, Hilton, Concourse Level
- 3902. Cultural Geography Specialty Group Business Meeting**
Room: Concourse B, Hilton, Concourse Level
- 3903. Rural Geography Specialty Group Business Meeting**
Room: Concourse C, Hilton, Concourse Level
- 3904. Remote Sensing Specialty Group Business Meeting**
Room: Concourse D, Hilton, Concourse Level
- 3906. Cryosphere Specialty Group Business Meeting**
Room: Concourse F, Hilton, Concourse Level
- 3936. Disability Specialty Group Business Meeting**
Room: Green Room, Hilton, Fourth Floor
- 3937. Health and Medical Geography Specialty Group Business Meeting**
Room: Harlem Suite, Hilton, Fourth Floor
- 3945. Geography of Religions and Belief Systems Specialty Group Business Meeting**
Room: Conference Room C, Sheraton, Lower Level
- 3947. Cyberinfrastructure Specialty Group Business Meeting**
Room: Conference Room E, Sheraton, Lower Level
- 3950. History of Geography Specialty Group Business Meeting**
Room: Conference Room H, Sheraton, Lower Level
- 3967. Latin America Specialty Group Business Meeting**
Room: Liberty 5, Sheraton, Third Floor

Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

MONDAY, FEBRUARY 27 • 8:00 AM - 9:40 AM • 4100**8:00 a.m. - 9:40 a.m.****4101. GeoHumanities V: Aesthetics and the Creation of Geographic Space (Sponsored by Association of American Geographers)***Room:* Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): James A. Ketchum, Association of American Geographers

CHAIR(S): Charles Travis, Trinity College Dublin

8:00 Thomas S Kothe*, Ohio State; Thomas S Kothe, Ohio State University, *Spaces of Global Control and Local Resistance in Thomas Pynchon's "Mason and Dixon"*.**8:20** Stacie A. Townsend*, California State University, Long Beach, *Evolving California Fiction: Literary Representations of Landscapes and Emotional Geographic Constructs*.**8:40** Elaine Demers*; Lyndsey Elaine DeMers, Student, Louisiana State University, *Street Art As A Lens On Cultural Geography*.**9:00** Christine E. Smith, M.A.*, University of Kentucky, *The Political Workings of Imagination In Cairo, Egypt*.

Discussant(s): Charles Travis, Trinity College Dublin

4103. Innovative Approaches to Urban Education and Pedagogy: The New School Experience (Sponsored by Urban Geography Specialty Group)*Room:* Concourse C, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): Jurgen Von Mahs, The New School; Aseem Inam, The New School

CHAIR(S): Jurgen Von Mahs, The New School

Introducer: Jurgen Von Mahs

Discussant(s): Miodrag Mitrasinovic, Parsons The New School for Design

Panelists: Miodrag Mitrasinovic, Parsons The New School for Design; Jurgen Von Mahs, The New School; Aseem Inam, The New School; Miguel Robles-Duran, The New School

4104. Media, Culture, and Imagination (Part of the Social Justice, Media, and Human Rights Special Session Track)*Room:* Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steve McClure, George Mason University

8:00 Benjamin Spaier*, Independent Scholar - Madison, Wisconsin, *Place-Making and Imagination in a Literary Classic: Anne of Green Gables*.**8:20** Jim Cocola*, Worcester Polytechnic Institute, *Juliana Spahr's Coordinates*.**8:40** José A. Borello*, Universidad Nacional General Sarmiento, Instituto Del Conurbano; Aida Quintar, Universidad Nacional de General Sarmiento; Gabriel Yoguel, Universidad Nacional de General Sarmiento, *The consumption of cultural products: The case of cinema in Argentina*.**9:00** Brij Maharaj*, University of KwaZulu Natal, *The main opposition is the media' - Media freedom under threat in democratic South Africa?*.**9:20** Steve McClure*, George Mason University, *The Messenger: Radio station 89.3 FM, alternative listener supported radio, community, and inclusion*.**4105. Slavery and Memory 5: Tourism and Slavery (Part of the Social Justice, Media, and Human Rights Special Session Track)***Room:* Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University

CHAIR(S): Amy E Potter

8:00 Amanda Bowman Machik*, Daniel Boone Homestead, *North and South: Interpreting Slavery at Historic House Museums*.**8:20** Linda Lelo*, Texas A&M University, *Two Sides of the Story: Slavery Tourism and African American Visitors*.**8:40** Kate Donington, BA, MA, PhD Candidate*, University College London, *'Feeding the ghosts': George Hibbert, the Museum of London in Docklands and the memory of British slave-ownership*.**9:00** Sue Kozel*, Adjunct History Faculty, *Incorporating Discussions of Slavery and Freedom in Historical Walnford's Exhibits: The Story of Quaker Richard Waln and Manumission Suits to Free Enslaved African Americans in New Jersey*.

Discussant(s): Perry Carter, Texas Tech University

4107. Displacement and Regeneration in the Latin American City I (Sponsored by Urban Geography Specialty Group)*Room:* Concourse G, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Veronica Crossa, University College Dublin; Kate Swanson

CHAIR(S): Kate Swanson

8:00 Ryan Goode*, San Diego State University, *Resisting displacement in Rio de Janeiro's emerging Olympic geography: connecting new media with place-based activism*.**8:20** Veronica Crossa*, University College Dublin, *The role of place in street vendors' resistance strategies: the case of Coyoacan, Mexico City*.**8:40** Gabriela Brindis Alvarez*, Kent State University, *Resistance as a Process: The Everyday Negotiation of Public Space in Tlatelolco, Mexico*.**9:00** David M Walker, PhD*, Ohio Wesleyan University, *Elite Resistance to Neoliberal Urbanization in Mexico City*.

Discussant(s): Tom Slater, University of Edinburgh

4108. Land Cover, Land Use, and Remote Sensing*Room:* Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Shenyue Jia

8:00 Andrew James Huddy*, The University of Connecticut, *Using ownership data and remote sensing to develop homestead and land use variables for Michigan's rural-urban fringe*.**8:20** W. B. Clapham, PhD*, Cleveland State University, *Object-Oriented Classification of an Urban Area, Cleveland, Ohio*.**8:40** Jordan Long*, South Dakota State University, *A Land Cover and Land Use Change Assessment of the Philippines' Mangrove Forests: 1990 to 2010*.**9:00** Yang Shao*, Virginia Tech, *Comparison of support vector machine, neural network, and CART algorithms for the land-cover classification using limited training data points*.**9:20** Shenyue Jia*, University of California, Los Angeles; Xuezhi Feng, Nanjing University; Pengfeng Xiao, Nanjing University; Bernd Wuennemann, Freie Universitaet Berlin & Nanjing University, *Landscape ecology pattern dynamics analysis based on image objects: A case study on Donggi Cona Lake, Qinghai*.**4110. Political Geographies of the Everyday 1 (Sponsored by Socialist and Critical Geography Specialty Group)***Room:* Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Rachel Pain, University of Durham; Peter Hopkins, Newcastle University, UK

CHAIR(S): Rachel Pain, University of Durham

8:00 Peter Hopkins*, Newcastle University, UK; Elizabeth Olson, University of Edinburgh; Rachel Pain, Durham University; Giselle Vincett, University of Edinburgh, *The absent presence of sectarianism in a deprived neighbourhood in Glasgow, Scotland*.**8:20** Dena Aufseeser*, University of Washington, *Re-theorizing the political: Street children's everyday lives*.

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8:40 Lasse Koefoed*, Roskilde University, *Alternative spaces*.

9:00 Amy Zader, PhD*, University of Colorado, Boulder,
Chinese Rice, Chinese Bodies: Negotiating Chinese Identity and Desiring Global Citizenship.

4111. (Im)Mobilities of Dwelling: Places and Practices 1 (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich; Silke Steets, Darmstadt University of Technology

CHAIR(S): Sybille Frank, Technical University Darmstadt

Introducer: Silke Steets

Introducer: Sybille Frank

Introducer: Lars Meier

8:05 Petra Falin*, University of Lapland; Soile Veijola*, University of Lapland, *Redesigning the Tourist Dwelling*.

8:22 Lars Meier*, University of Munich, *Dwellings as storehouses of memories - Transformations, belongings and nostalgia in the South of Nuremberg*.

8:39 Ryanne Flock*, research assistant, ?Megacities - Megachallenge - Informal Dynamics of Global Change?, funded by the German Research Foundation (DFG), Sun Yat-Sen University in Guangzhou, P.R. China, *Shikumen Linong - Shanghai's urban character in change*.

8:56 Silke Steets*, Darmstadt University of Technology, *"From Bauhaus to Our House": Living in the Dessau-Toertén Estate*.

9:13 Maggie Mei Kei HUI, Assistant Professor*, The Chinese University of Hong Kong, *Amdo Tibetan House in Transition: Shifting Tradition from Sedentary Herders to Urban dwellers*.

4112. Geographies of Food (In)Securities I

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ashley Fent, Columbia University

8:00 Pierre Desrochers*, University of Toronto - Geography, *Long-distance Trade and Food Security: Re-stating the Case against Locavorism*.

8:20 Noah Wiedenfeld*, University of Wisconsin-Eau Claire; Dr. Paul Kaldjian, University of Wisconsin-Eau Claire, *Food Insecurity in Northwest Wisconsin: Lessons from Eau Claire*.

8:40 Arturo E Osorio, Ph.D.*, Management & Global Business, Rutgers University; Maria G Corradini, Ph.D., Insituto de Tecnologia, Univ Arg de la Empresa, Argentina - Food Science Department, Rutgers University; Jerome Williams, Ph.D., Management & Global Business, Rutgers University, *Street Level Recommendations to mitigate food marginalization at low income neighborhoods: A walk around the city of Buenos Aires, Argentina*.

9:00 Ashley M Fent*, M.A. Student in Anthropology, Columbia University, *"Il faut que nga am xaalis" (You have to have money): Food and Financial Expectations among Market Vendors in Dakar, Senegal*.

4113. The good, the bad and the ugly: moral economies of the body

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Kate Hardy, PhD Student, Queen Mary, University of London; Ruth Holliday, University of Leeds

CHAIR(S): Kate Hardy, PhD Student, Queen Mary, University of London

8:00 Ruth Holliday*, University of Leeds; David Bell; Jacqueline Sanchez Taylor, *Beautiful Face, Beautiful Place? Imagery and Discourse in Cosmetic Surgery*

Tourism Websites.

8:20 Kate Hardy*, Researcher, CIGS, School of Sociology and Social Policy, The University of Leeds, *Transforming moral and affective economies: sex workers' body politics in Argentina*.

8:40 Bev Skeggs, dr, dr, Professor, professor*, Goldsmiths, University of London, *Professor Beverley Skeggs*.

9:00 Meredith Jones*, University of Technology, Sydney, *A day at a modest Bangkok cosmetic surgery clinic*.

4114. Translating, crossing and (re)thinking borders: Knowledge-making as journey (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Gabriela Valdivia, University of North Carolina, Chapel Hill; Alvaro Reyes

CHAIR(S): Richa Nagar, University of Minnesota

Panelists: Joseph Palis, North Carolina State University; Richa Nagar, University of Minnesota; Joel Wainwright, The Ohio State University; Sofia E Shank, CUNY Graduate Center; Kiran Asher; Caitlin Cahill, City University of New York; Alvaro Reyes

4115. Networking and Professionalization Opportunities for Early Career Biogeographers (Sponsored by Biogeography Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): David Cairns, Texas A&M University

CHAIR(S): David Cairns, Texas A&M University

Panelists: Joy N Mast, Carthage College; John Kupfer, University of South Carolina; Lesley Rigg, Northern Illinois University; Clayton Whitesides, Texas State University; Stockton Maxwell, The Pennsylvania State University; Grant Elliott, University of Missouri; David Cairns, Texas A&M University; Adam Naito, Texas A&M University

4116. European Urban Geography

Room: Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Olaf Schnur

8:00 Lucie Pospisilova*, Charles University in Prague, *Are Deprived Areas in Prague Socially Constructed or Do They Really Exist? The View of Key Urban Actors on the Localization of Social Problems*.

8:20 Jana Spilkova*, Charles University in Prague; Marie Syrovátková, Charles University in Prague; Ladislav Csémy, Laboratory of Social Psychiatry, *Risk Behavior and Leisure Time Activities of the Czech Teenagers*.

8:40 Mathieu Strale*, Université Libre de Bruxelles, *The integration of European cities in logistics networks*.

9:00 Rene Matlovic*, University of Presov, *The stay of Slovak Geography*.

9:20 Olaf Schnur*, *Demographic Impact on Urban Neighborhoods in German Cities - Scenarios and Options for Strategic Action*.

*** Continued into next slot, 4547

4117. Dendrochronology I: Dendrochronological Applications I (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; Grant Harley, University of Tennessee

CHAIR(S): Grant Harley, University of Tennessee

8:00 Christopher H Guiterman*, University of Arizona; Christopher H Baisan, University of Arizona; Thomas W Swetnam, University of Arizona; Jeffrey S Dean, University of Arizona, *Unearthing the story of JPB-99, the Plaza Tree of Pueblo Bonito*.

8:20 Amanda B Young, M.S.*, Penn State University;

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Stockton Maxwell, PhD, Penn State University,
*Which Came First, the President or the Cabin?:
A Dendroarcheological Investigation of the James
Buchanan Birthplace Cabin.*

8:40 Kristen K de Graauw*, Indiana State University; James
H Speer, PhD, Indiana State University; Stephen P
Aldrich, PhD, Indiana State University, *Mapping
Pandora Moth Outbreaks in the western United States:
Using Animation to Display Spatiotemporal Data.*

9:00 Peter W Brewer*, Cornell University; Esther Jansma,
Utrecht University, *The Tree Ring Data Standard
(TRiDaS): enhancing collaboration and >
transparency in the dendro community.*

9:20 Charlotte L Pearson*, Cornell University; Peter W Brewer,
Cornell University; Tomasz Wazny, Cornell University;
Carol Griggs, Cornell University; Peter I Kuniholm,
Cornell University; Sturt W Manning, Cornell
University, *Solving dendro data management problems
using Corina and the Tree Ring Data Standard.*

4118. Geography of Epidemics

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Reid-Hresko, University of Colorado, Boulder

8:00 Jessica L Fitterer, BSc*, University of Victoria; Trisalyn
A Nelson, PhD, University of Victoria; Nicholas C
Coops, PhD, University of British Columbia; Michael
A Wulder, PhD, Natural Resources Canada; Nancy
Mahony, PhD, Environment Canada, *Predicting Avian
Species Richness and Guilds Using Landscape-Scale
Indices in British Columbia, Canada.*

8:20 Tonny Oyana*, Southern Illinois University, *Geographical
and Epidemiological Aspects of Highly Pathogenic
Avian Influenza H5N1 and Public Health Implications
in China between 1997 and 2009.*

8:40 Joseph R Oppong*, University of North Texas; Chetan
Tiware, PhD, University of North Texas; Warangkana
Bink Ruckthongsook, MSc, University of North Texas;
Sonia Arbona, PhD, Texas State Department of Health
Services, *Predicting the Spatial Pattern of HIV/AIDS
in Texas.*

9:00 John Reid-Hresko*, University of Colorado, Boulder,
*"Our Bodies Are Our Own": Resistance to ABC-
Based HIV/AIDS Interventions in Northern Tanzanian
Conservation Settings.*

4119. Critical Geographies of Sovereignty: Space, Nature, Politics (Sponsored by Political Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Thor Ritz, Syracuse University; Jacque (Jody)
Emel, Clark University

CHAIR(S): John Agnew, University of California - Los Angeles
Introducer: Matthew Huber

Panelists: Alison Mountz, Syracuse University; Philip Steinberg,
Florida State University

4120. Spatial Dimensions of Global Information Society (Sponsored by IGU Commission on Global Information, Communication Geography Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark Wilson, Michigan State University;
Maria Paradiso, Università Del Sannio, Faculty SEA,
Italy

CHAIR(S): Mark Wilson, Michigan State University
Introducer: Mark Wilson

8:05 Aharon Kellerman, Prof.*, University of Haifa, *The
Geography of Scholarly Work in the Information Age.*

8:25 Yuichiro Nishimura*, Nara Women's University; Toshikazu
Seto, Ritsumeikan University, *The Emergence of
Neogeographers in the Great East Japan Earthquake
2011: Crisis Mapping Project Using Free and Open*

Source Software for Geospatial.

8:45 Tommi A. Inkinen*, University of Helsinki, *Talking about
Timepieces Online: Geographical Rhetoric of a Global
Industry in Finland.*

9:05 Bruno Moriset, Dr.*, University of Lyon; Olivier Brette,
Dr.*, INSA Lyon, *Information technology in French
manufacturing firms: is there a rural-urban divide?.*

Discussant(s): Stanley Brunn, University of Kentucky

4121.

Room:

Land Use Modeling and Prediction

Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jelena Vukomanovic, Office of Arid Land Studies,
University of Arizona

8:00 Tika Adhikari*, Department of Geography, University of
Iowa; David A Bennett, Department of Geography,
The University of Iowa, 306 Jessup Hall, Iowa City IA
52241, *An agent-based modeling to simulate the land
use decision making processes of farmers in Iowa.*

8:20 Ting Liu*, Florida State University; Xiaojun Yang, Florida
State University, *Towards Agent-Based Modeling of
Urban Land Use Changes.*

8:40 Huiqing Huang*, Michigan State University; Peilei Fan,
Michigan State University; Wenze Yue, Zhejiang
University; Jiaguo Qi, Michigan State University; Xue
Li, Michigan State University, *Exploring land use /
land cover change pattern in Shanghai with CLUE-s
simulation.*

9:00 Jelena Vukomanovic*, Office of Arid Land Studies,
University of Arizona, *Restricted viewsheds and the
distribution of exurban homes in a southwestern
grassland.*

4123.

Room:

Critical Geographies of Counter-Insurgency 1

Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Joseph Bryan, Department of Geography,
University of Colorado, Boulder; Ian Baird, The
University of Wisconsin - Madison

CHAIR(S): Joseph Bryan, Department of Geography, University
of Colorado, Boulder

8:00 Megan Ybarra, PhD*, Willamette University, *Voting for
Mano Dura? Remilitarization and Political Activism in
Post-War Guatemala.*

8:20 Kevin Woods*, University of California, Berkeley, *Fighting
in the academic field: Critical reflections by a scholar-
activist situated in a war zone.*

8:40 Austin Cowley*, University of Colorado, *Spaces of
Inhumanity: Resettling IDPs in Georgia.*

9:00 Ian G Baird*, The University of Wisconsin - Madison, *The
Secret War after the Secret War: The Geopolitics of
the Anti-Lao People's Democratic Republic Militant
Insurgency from 1975 to the early 1990s.*

Discussant(s): Joseph Bryan, Department of Geography,
University of Colorado, Boulder

4124.

Room:

Climate Change: Agriculture, Water Resources and Ecological Responses

Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kaiyu Guan, Princeton University

8:00 Cynthia Rosenzweig, Ph.D.*, Columbia University; Jim W.
Jones, Ph.D., University of Florida; Jerry L. Hatfield,
Ph.D., USDA ARS; Alessandro Moscuza, M.Sc.,
UK aid, *The Agricultural Model Intercomparison
and Improvement Project (AgMIP): Progress and
Preliminary Results.*

8:20 M. Neil Ward*, Independent Scholar; Casey Brown,
Department of Civil and Environmental Engineering,
University of Massachusetts; Kye M Baroang, Earth
Institute at Columbia University; Yasir Kaheil, Risk
Management Solutions, *Reservoir Performance and*

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Dynamic Management under Plausible Assumptions of Future Climate over Seasons to Decades.

- 8:40** Jongchul Park*, Geographic Information Science Research Institute, Kongju Nat'l Univ., South Korea; Mankyu Kim, Department of Geography, Kongju Nat'l Univ., South Korea.; Heejun Chang, Department of Geography, Portland State University, Portland, OR, USA., *Predicting Cyanobacterial blooming trends under climate change in Daecheong reservoir in South Korea.*

9:00 Jianjun Ge*, Oklahoma State University, *Simulating effects of woody plant encroachment on regional climate.*

- 9:20** Kaiyu Guan*, Princeton University; Eric F. Wood, Princeton University; David M. Medvigy, Princeton University; Kelly K. Caylor, Princeton University, *vegetation phenology of African savanna ecosystems in a changing climate: characterization and prediction.*

4125. New approaches in quantitative social geography: new data, new methods, new insights

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Richard Harris, University of Bristol; Alex Singleton

CHAIR(S): Richard Harris, University of Bristol

8:00 Alex Singleton*, University of Liverpool, *Geography: a Thriving or Declining Discipline?*

8:20 James Cheshire*, UCL; Paul Longley, UCL, *The use of spatial analysis and surnames to chart migration trends.*

8:40 Keiji Yano*, Ritsumeikan University; Takashi Kirimura, Ritsumeikan University, *Residential Concentrations of Global International Migrants in Tokyo.*

9:00 Isaac Van Patten, PhD*, Radford University; Andrew S Foy, PhD*, Radford University, *Applications of Risk Terrain Modeling in Metropolitan and Nonmetropolitan Cities.*

9:20 Robin T Flowerdew*, University of St Andrews, *Checking for the Modifiable Areal Unit Problem.*

4129. Wind Energy

Room: Mercury Ballroom, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Markus Steen, Norwegian University of Science and Technology

8:00 Stephen J. Stadler*, Oklahoma State University; James K. Dryden, Jr, Infigen Energy; J. Scott Greene, University of Oklahoma, *Climate Change and Wind Power Output in Oklahoma.*

8:20 Michael Cline, PhD*, Rice University, *Boom Again? Energy Development in Texas.*

8:40 Emmanuel Songsore*, University of Western Ontario; Michael Buzzelli, Dr, University of Western Ontario, *Community Responses to Wind Energy Development in Ontario.*

9:00 Markus Steen*, Norwegian University of Science and Technology; Asbjørn Karlsen, Norwegian University of Science and Technology, *Green industrial restructuring through cluster creation? The case of wind energy in Mid-Norway.*

9:20 Claudia Walters*, University of Michigan-Dearborn; Sara Hussein, University of Michigan - Dearborn; Julie Winkler, Michigan State University; Jovanka Nikolic, Michigan State University; Shiyuan Zhong, Michigan State University, *Identifying Low-Level Jets from the North American Regional Reanalysis: A Comparison with Rawinsonde Observations.*

4130. From Applying Geography to Applied Geography (Sponsored by Applied Geography Specialty Group)

Room: Mercury Rotunda, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Jay Lee, Kent State University

CHAIR(S): Jay Lee, Kent State University

Introducer: Jay Lee

Panelists: Graham Tobin, University of South Florida; Burrell Montz, East Carolina University; Tony Hernandez, Ryerson Polytechnic University; Jay Gatrell, Indiana State University; Michael Goodchild, University of California - Santa Barbara; John W Frazier, Binghamton University

4131. Historic Landscapes, Land Use, and Agriculture

Room: Petit Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Margaret M Gripshover, Western Kentucky University

8:00 Carlos J. Guilbe*, University of Puerto Rico, *VonThünen Land Use Principles on the Progressive Military Map of Puerto Rico (1908).*

8:20 Yovanna Pineda, Ph.D.*, University of Central Florida, *Using GIS to Analyze the Pampas Grasslands of Argentina as a Cultural and Geographic Space for Economic Development and Rebellion, 1880-1930.*

8:40 Adam J Polk*, *Agriculture of the Ancien Régime.*

9:00 Taylor E. Mack*, Louisiana Tech University, *Changing Agricultural Landscape of North Central Louisiana, 1945-2007.*

9:20 Margaret M Gripshover*, Western Kentucky University; Thomas Bell*, Univ of TN/Western KY Univ, *Mother Bulbs of Invention: Spatial and Temporal Change in Onion-Farming Equipment Patents, 1883-1939.*

4132. Identity Formation and Exclusion in Africa

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marianne Millstein, University of Oslo

8:00 Mark Butman*, Courage Services, Inc., *"We have two laws in the country..." Statutory vs. Customary Law and Access to Justice in Informal Communities.*

8:20 Richard A Mbih*, University of Missouri-Kansas City; Steven Driever, University of Missouri-Kansas City, *Some aspects of Fulani population integration into stabilized village communities in the Western Highlands of Cameroon.*

8:40 Joshua T Bazuin*, Vanderbilt University, *Neighborhood to State, Diocese to Prayer Group: Religion in the Remaking of Rwanda after Genocide.*

9:00 Joshua D Kirshner*, Rhodes University, *Bordering Practices and the Politics of Local Demarcation in South Africa: The Case of Khutsong.*

9:20 Marianne Millstein*, University of Oslo, *Changing politics of Afrikaner identity in post-apartheid South Africa? The role of Solidarity and AfriForum.*

4135. Unpacking the Eco-city Phenomenon: Variations in Theory and Practice I (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Elizabeth Rapoport; Federico Cugurullo, Kings College London

CHAIR(S): I-Chun Chang

8:00 Federico Cugurullo*, Kings College London, *Crystallizing the Eco-city: a journey through ideas, discourses and concrete.*

8:20 Elizabeth Rapoport, BA, MSc*, University College London, *In search of the eco-city: sustainable masterplans, global consultants and the transnational production of a planning model.*

8:40 Anna Hult*, KTH, *Swedish architects as door openers for eco- technology in China.*

9:00 Sofia Shwayri*, *A Model South Korean Ubiquitous Eco-city: The Politics of making Songdo.*

Discussant(s): Andrew Karvonen, University of Manchester

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- 4136. Tourism Geographies and Global Change: Local Communities and Economies in Transformation. Co-sponsored by the IGU Commission on the Geography of Tourism, Leisure and Global Change (Sponsored by Recreation, Tourism, and Sport Specialty Group, IGU Commission on the Geography of Tourism, Leisure and Global Change)**
- Room:* Green Room, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Alison M Gill, Simon Fraser University; Jarkko Saarinen
 CHAIR(S): Alison M Gill, Simon Fraser University
8:00 Jarkko Saarinen*, University of Oulu and University of Johannesburg; Julius Athlapheng, University of Botswana, *Local understandings of global tourism and its impacts in Northern Botswana.*
8:20 Alison M Gill*, Simon Fraser University; Peter W Williams, Simon Fraser University, *Rethinking resort governance: Issues of growth and sustainability.*
8:40 Anja Soboll, Dr.*, University of Munich/Germany; Juergen Schmude, Prof. Dr.*, University of Munich, Germany, *The Baltic or the Mediterranean? - Simulating tourists' destination choice under climate change conditions with an agent-based model.*
9:00 Eva Kaján*, University of Oulu, Finland, *Arctic tourism development and climate change adaptation: engaging locals through a methodological framework.*
9:20 Salvador Anton Clave, Professor*, Rovira i Virgili University, Catalonia; Julie Wilson, Doctor, Rovira i Virgili University, Catalonia, *Socio-Spatial Transformations in Consolidated Mediterranean Tourism Resorts.*
- 4137. Authors Meets the Critics: Information and Communication Technology Geographies: Strategies for Bridging the Digital Divide by Melissa Gilbert and Michele Masucci (Sponsored by Geographic Information Science and Systems Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**
- Room:* Harlem Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Lydia Savage, University of Southern Maine
 CHAIR(S): Lydia Savage, University of Southern Maine
 Introducer: Lydia Savage
 Panelists: Susan Halford; Fernando J Bosco, San Diego State University; Ann M Oberhauser, West Virginia University; Sara McLafferty, University of Illinois; Marianna Pavlovskaya, Hunter College; Melissa R Gilbert, Temple University; Michele Masucci, Temple University
- 4139. Cultural and Historical Geographies of Intra-Urban Mass Transit I (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Transportation Geography Specialty Group)**
- Room:* Holland Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Richard Dennis, University College London; Carlos Lopez Galviz, University of London
 CHAIR(S): Samuel Merrill, University College London
8:00 Carlos Lopez Galviz*, University of London, *Metropolitan Lines, Railway Circles and Tentative Networks: London and Paris c.1850-1870.*
8:20 David Schley*, Johns Hopkins University, *Freight Rail, Mass Transit, and the Role of the Street in Nineteenth-Century Baltimore.*
8:40 Richard Dennis*, University College London, *Making the Underground Underground: London, 1863-1914.*
9:00 John H Hepp, Ph.D.*, Wilkes University, *The Metropolitan Railway as an urban model: The demand for subways in late-Victorian Philadelphia and Glasgow.*
 Discussant(s): Phillip Mackintosh, Brock University
- 4140. Humor as a Political Resource (Sponsored by Political Geography Specialty Group, Communication Geography Specialty Group)**
- Room:* Hudson Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): terri moreau, Royal Holloway, University of London; Carole Enahoro, University College London
 CHAIR(S): terri moreau, Royal Holloway, University of London
8:00 Hilary Ramsden*, University of the West of England, *Clowns, Buffoons And The Power of The Killing Laugh: An Investigation of CIRCA (The Clandestine Insurgent Rebel Clown Army) And Its Unique Approach To The Subversion of Power Through Non-Violent Direct Action.*
8:20 Diana E. Popa, Ph. D.*, Dunarea de Jos University of Galati, *The impact vs. effect of entertaining politics and the corrosion of authority. The case of Romania.*
8:40 Carole Enahoro*, University College London, *Buckets and brains: Nigerian okada taxi drivers and satiric attack on city access regulations.*
9:00 Darren Purcell*, Department of Geography, University of Oklahoma; Kenneth Hines, Department of Communication, University of Oklahoma, *Late-Night Comedy Coverage of North Africa and Southwest Asian Revolutions.*
9:20 Robert A. Saunders*, Farmingdale State College--SUNY, *Laughing Eastwards: Parody, Power, and Popular Geopolitical Representations of the Post-Second World.*
- 4141. Temperature and Human Health Part I: Geographic Aspects (Sponsored by Climate Specialty Group, Health and Medical Geography Specialty Group, Hazards Specialty Group)**
- Room:* Midtown Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): David M. Hondula, The University of Virginia; Scott Sheridan, Kent State University
 CHAIR(S): Adam Kalkstein, United States Military Academy
8:00 Brooke Anderson, PhD*, Johns Hopkins School of Public Health; Michelle L. Bell, PhD, Yale University, *Mortality risk during heatwaves and effect modification by heatwave characteristics in 43 US communities.*
8:20 Jiyoung Son*, Yale University; Jong-Tae Lee, Korea University; G.Brooke Anderson, Yale University; Michelle L. Bell, Yale University, *The Impact of Heat Waves on Mortality in 7 Major Cities in Korea.*
8:40 Jason Vargo*, Georgia Tech; Tegan Boehmer, Centers for Disease Control and Prevention; Brian Stone, Georgia Tech; Dana Habeeb, Georgia Tech; Fuyuen Yip, Centers for Disease Control and Prevention, *Hot Town, Unhealthy Summer in the City: Heat, Ozone, and Urban Spawl.*
9:00 David M. Hondula*, The University of Virginia; Robert E. Davis, Ph.D., The University of Virginia, *Heat-Related Mortality Risk within Seven U.S. Cities.*
9:20 Jeremy Spencer*, Kent State University, *Vulnerability to Hypothermia in North America: A Qualitative and Quantitative Analysis.*
- 4142. Contemporary Geographies of Brazilian Land Use Change (I): Global Trade and Markets (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)**
- Room:* New York Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Peter Richards, Michigan State University; Rachael Garrett, Stanford University
 CHAIR(S): Rachael Garrett, Stanford University
8:00 Maria Susannah Bowman*, University of California, Berkeley, *Does growth in demand for Brazilian beef exports drive new deforestation?.*
8:20 Nathalie F Walker, PhD*, National Wildlife Federation; Kemel A. B. Kalif, PhD, Amigos da Terra-Amazonia Brasileira; Sabrina A Patel, LLM, National Wildlife Federation, *Amazon Cash Cow: Deforestation and the*

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Brazilian Cattle Product Supply Chain.

8:40 Emily Monken*, University of Arizona, *A Pre-Certification Approach to Mitigate Deforestation and Environmental Degradation: Aliança da Terra and Soy Production.*

9:00 Derek Newberry*, University of Pennsylvania, *Mapping Ethanol's Moral Frontiers: Land use debates in the international commodification of biofuels.*

Discussant(s): Maria Bowman, University of California, Berkeley; Nathalie F Walker, National Wildlife Federation; Emily Monken; Derek Newberry, University of Pennsylvania

4144. Migration and Human Capital Issues (Sponsored by Population Specialty Group)

Room: Conference Room B, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Wardlow Friesen, University of Auckland

8:00 Hao Wang*, IGSNRR of CAS, *Characteristics and evolution mechanism of highly-educated migrations' life space in metropolitan areas --- a case study of Beijing.*

8:20 Aga P Szewczyk*, Loughborough University, *Polish Graduate Migrants in the UK.*

8:40 Charlynn Burd*, University of Tennessee, *Knowledge-bases, the Creative Class and Migration: Migrating Artists and Engineers at the Submetropolitan Level.*

9:00 Wardlow Friesen*, University of Auckland, *The role of international education in brain circulation.*

4145. Women IN the Discipline (WIND) Climatology (Sponsored by Climate Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Corene J Matyas, University of Florida

CHAIR(S): Corene J Matyas, University of Florida

Introducer: Corene J Matyas

Discussant(s): Corene J Matyas, University of Florida

Panelists: Julie Winkler, Michigan State University; Lesley-Ann Dupigny-Giroux, University of Vermont; Marilyn Raphael, University of California; Jill Coleman, Ball State University

4146. Animal Geographies I: Geographies of Wildlife (Sponsored by Biogeography Specialty Group, Cultural Geography Specialty Group, Animal Geography Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Tony Stallins; Adam Keul

CHAIR(S): Adam Keul

8:00 Michelle Shuey, Edinboro University of Pennsylvania; Emily Platz*, Edinboro University of Pennsylvania, *Rumor Versus Fact: The Case of the Coyote in Northwestern Pennsylvania.*

8:20 Joan M. Welch, Ph.D.*, West Chester University; Josep Vila Subiros, Ph.D., University of Girona, Catalunya, Spain; Diego Varga Linde, Ph.D., University of Girona, Catalunya, Spain, *Land Abandonment and Wild Ungulates in Mediterranean Mountains: Maintaining Open Spaces in Catalan Pre-Pyrenees.*

8:40 Bilal Butt*, University of Michigan; Matthew D. Turner, University of Wisconsin, Madison, *Clarifying Competition: The Case of Wildlife and Pastoral Livestock in East Africa.*

9:00 Camilla M.G Ärlin*, Department of Human Geography, Stockholm University; Annika Björklund, Department of Human Geography, Stockholm University, *Wild boars, humans and landscape transformations.*

9:20 Adam W Keul*, Florida State University, *"Performing human-gator hybridity".*

4147. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Domain Applications and Sciences (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Shaowen Wang, University of Illinois at Urbana-Champaign

CHAIR(S): Budhendra Bhaduri, Oak Ridge National Laboratory

8:00 Josef Gordon*, University of Oregon, *Incorporation of Demographic Data into a Global Agent-Based Climate Model.*

8:20 Wenpeng Feng*, UNCC; Wenwu Tang, UNCC; Jing Deng, UNCC; John Vogler, UNCC; Ross K Meentemeyer, UNCC, *Spatial Simulation of Land Development in a Mountainous Area within a Cyberinfrastructure Environment.*

4148. Mapping Cyberspace and Social Networks I (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Ick Hoi Kim, San Diego State University;

Sarah Wandersee, SDSU Geography

CHAIR(S): Ming-Hsiang Tsou, San Diego State University

8:00 Shih-Lung Shaw*, Department of Geography, The University of Tennessee; Ling Yin, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, *An Extension of Time Geography to Integrate Physical, Virtual, and Social Activities in a Space-Time GIS.*

8:20 Debarchana (Debs) Ghosh*, University of Connecticut; Rajarshi Guha, National Institute of Health, *Exploring the spatiotemporal trends of obesity-related "tweets" using topic modeling and Geographic Information Science.*

8:40 Ming-Hsiang Tsou*, San Diego State University, *Research Challenges and Opportunities for Mapping Cyberspace and Social Networks.*

Discussant(s): Daniel Sui, Ohio State University

4150. Author Meets the Critics: Gerard Toal and Carl Dahlman's 'Bosnia Remade: Ethnic Cleansing and Its Reversal' (Sponsored by Political Geography Specialty Group, European Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Alexander Murphy, University of Oregon

CHAIR(S): Alexander Murphy, University of Oregon

Discussant(s): Carl T. Dahlman, Miami University; Gerard Toal, Virginia Tech

Panelists: Susan L. Woodward, Radford University; Alex Jeffrey, Newcastle University; Mathew Coleman, Ohio State University; Alexander Murphy, University of Oregon

4151. Commodifying the Underground: The Making of Mineral and Hydrocarbon Commodities I (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Matthew Himley, Illinois State University;

Elvin Delgado, Syracuse University

CHAIR(S): Matthew Himley, Illinois State University

Introducer: Matthew Himley

8:05 Carlo E Sica, MA Candidate, Syracuse; BS Geography, Penn State*, Syracuse University, *Drainage! Pooling and Natural Gas Development in the Marcellus Shale.*

8:25 Arielle Hesse*, University of Bristol, Penn State, *Drilling Home: How the Natural Gas Resonance Machine*

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dominates the Marcellus Shale.

- 8:45** Elvin Delgado*, Syracuse University, *Petrocasas: The Petrochemical Revolution and the Metabolism of Fossilized Nature in Venezuela.*

- 9:05** Kårg Kama*, University of Oxford, *Solid Shales, Liquid Promises: Rethinking the Materiality of an Unconventional Oil Resource.*

4152. Markets and Militaries I (Sponsored by Political Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University of Toronto

CHAIR(S): Jon Kosek

- 8:00** Jim Glassman*, University of British Columbia; Young Jin Choi*, Seoul National University, *Developmental, non-Developmental, and anti-Developmental States: War and the Geopolitical Economy of Growth in South Korea, Thailand, and the Philippines.*

- 8:20** Erica Schoenberger*, Johns Hopkins University, *The origins of capitalism: the state, the military and the development of pre-capitalist market economies.*

- 8:40** Deborah E Cowen*, University of Toronto, *Rough Trade: Militaries and Markets in the Citizenship of Stuff.*

- 9:00** Dara Orenstein*, Yale University, *"Old Military Bases Never Die; They Become Industrial Parks".*

Discussant(s): Jon Kosek

4153. Land Use Conflicts I: Political Ecology and Planning (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Urban Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Donald Leffers, York University; Gerda R Wekerle, York University

CHAIR(S): Laura Taylor, York University

- 8:00** Katrina Z. S. Schwartz*, University of Florida, *Panther Politics: Contesting Collaborative Conservation in Southwest Florida.*

- 8:20** Seth Gustafson*, The University of Georgia, *Knowing and Not Knowing the Land: The Politics of Knowledge in Southern Appalachian Steep Slope Development.*

- 8:40** Gerda R Wekerle*, York University; Mel Walther*, *Reframing a Local Land Use Conflict: Waste Disposal, Social Movement Mobilization, Discourse Coalitions, and Land Use Planning.*

- 9:00** Innisfree Mckinnon*, University of Oregon, *When Urbanization meets Exurbia: Conflict at the Rural-Urban Fringe in Southern Oregon.*

4154. Biohydrology

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ethan Frost, Colgate University

- 8:00** Alexander Psaris*, Portland State University; Heejun Chang, Portland State University, *Hydrologic Landscape Factors Affecting the Relationship between Air and Stream Temperature.*

- 8:20** Jun-Yi Lee*, Department of Geography, National Taiwan University; Jr-Chuan Huang, Department of Geography, National Taiwan University; Tsung-Yu Lee, Department of Geography, National Taiwan University; Cheing-Tung Lee, Department of Geography, National Taiwan University, *From Global Temperature Warming to Unaffordable Hydrological Responses in Small Mountainous Rivers.*

- 8:40** Yun-Yeong Choi, School of Architecture Urban Environmental Engineering, Kyungpook National University; Ho-Seop Cha*, University of Central Missouri; Geun-Yun Ko, School of Architecture Urban Environmental Engineering, Kyungpook National

University, *Comparison of Runoff Prediction Using Neural Network Training Algorithm.*

- 9:00** Taehee Hwang*, University of North Carolina at Chapel Hill; Lawrence E Band, Department of Geography; James M Vose, Coweeta Hydrologic Lab, Forest Service, *Ecosystem Processes at the Watershed Scale: Hydrologic Vegetation Gradient as an Indicator for Lateral Hydrologic Connectivity of Headwater Catchments.*

- 9:20** Ethan E. Frost*, Colgate University; Delphis F. Levina, University of Delaware, *Hydrologic response of stemflow inputs to varying levels of tree mortality in a broadleaved deciduous forest.*

4156. Geographies of Financialization I

Room: Central Park East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Jane Pollard, University of Newcastle Upon Tyne; Susan M. Christopherson, Cornell University

CHAIR(S): Susan M. Christopherson, Cornell University

- 8:00** Mazen Labban*, Rutgers University, *Against value: labour and accumulation in the oil industry under finance.*

- 8:20** Lindsey Appleyard*, University of Birmingham, *'If the banks aren't lending to small or even medium sized businesses ... who is going to fill the gap?' Access to enterprise finance in the West Midlands, UK.*

- 8:40** John R Allen*, The Open University; Michael Pryke, open university, *'Tap turns on the water, see the profits flow': a tale of the vanishing politics of financialized infrastructure - Thames Water, MEIF2, and the 13 Million.*

- 9:00** Johanna Dichtl*, Department of Geography, Catholic University Eichstaett-Ingolstadt; Hans-Martin Zadernach, Department of Geography, Catholic University Eichstaett-Ingolstadt, *Financialization, sustainability, and the case of the German energy turnaround.*

- 9:20** Peter Wissoker*, Cornell University, *McMansions, Edge Cities, and Collateralized Debt Obligations: New Forms of Debt and the Shaping of Turn of the 21st Century Suburban Growth.*

4157. Urban Sprawl- Typologies and Effects

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Green, Minnesota State University, Mankato

- 8:00** Peter Ekman*, University of California, Berkeley, *After Sprawl: Order and Ruin on the Edge of Hercules, California.*

- 8:20** George Galster, PhD*, Wayne State University; Lisa Stack, Wayne State University, *Typologies of Sprawl: U.S. Metropolitan Land Use Patterns.*

- 8:40** Joy Eko Atu*, University of Calabar; Francis Ebute Bisong, Professor, University of Calabar; Raphael Ayama Offiong, Dr., *Urban sprawl effects on biodiversity in peripheral agricultural lands in Calabar, Nigeria.*

- 9:00** Antoine Delebarre*, Université du Littoral - Côte d'Opale; Anne-Peggy Hellequin, Université du Littoral - Côte d'Opale, *Indicators for the assessment of urban sprawl in the metropolitan area of Dunkirk (France).*

- 9:20** Thomas Green*, Minnesota State University, Mankato, *Investigating the Possibility of Exurbia's Existence in Three Metropolitan Areas.*

4158. Healthy North American downtowns in the 21st century

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Igal Charney, University of Haifa; Pierre Filion, School of Planning

CHAIR(S): Pierre Filion, School of Planning

- 8:00** Igal Charney*, University of Haifa; Pierre Filion, University of Waterloo; Rachel Weber, University of Illinois at Chicago, *The fundamentals of a healthy*

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downtown: Lessons from Toronto and Chicago.

8:20 Ravazzoli Elisa*, Alma Mater Studiorum - Bologna,
*High Amenity Zones: the new residential model for
downtown living. Los Angeles, Chicago and New York
case studies.*

8:40 Rich Greene*, Northern Illinois University, *Spatial and
Functional Relationships of High Amenity Zones to
Downtowns: The Case of Chicago and Los Angeles.*

9:00 Eugenie Birch*, University of Pennsylvania, *Downtown
Housing Revisited.*

Discussant(s): Richard Shearmur, INRS-UCS

4159. Political Landscapes of Energy

Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marilyn Brown, Georgia Institute of Technology

8:00 Kirby Calvert, PhD Candidate*, Department of Geography,
Queen's University, Kingston, Ontario, Canada;
Joshua M. Pearce, Assistant Professor, Department
of Materials Science and Engineering & Department
of Electrical and Computer Engineering, Michigan
Technological University; Warren E. Mabee, Assistant
Professor, Department of Geography & Department of
Policy Studies, Queen's University, Kingston, Ontario,
Canada, *Geospatial analysis for a sustained renewable
energy transition: considerations for policy and
planning.*

8:20 Cristian Ches*, University of Toronto; Douglas Macdonald,
PhD, University of Toronto, *Distributional impacts
of climate change policy and associated political
resistance: the case of wind power siting in Ontario,
Canada.*

8:40 Werner Krauss*, Helmholtz Zentrum Geesthacht; Dorle
Dracklé, University of Bremen, *The political landscape
of the great Energy Transformation (Energiewende) in
Germany.*

9:00 Lauren Michelle Fossile*, UNLV, SEPA; William J
Smith, Jr., PhD, UNLV, *Energy Purveyors and
Climate Change in Nevada: Knowledge, Needs and
Perspectives.*

9:20 Marilyn Brown*, Georgia Institute of Technology,
*Evaluating an Industrial Cogeneration Policy: Could it
Strengthen U.S. Competitiveness?.*

4160. Environmental Justice and Social Determinants of Health I

Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dajun Dai, Georgia State University

8:00 Ryan Holifield*, University of Wisconsin ? Milwaukee,
*The elusive "environmental justice community": The
problem of translating places into standardized objects
of governance.*

8:20 Neenah Estrella-Luna, MPH, PhD*, Northeastern
University, *The landscape of public participation: why
some environmental justice communities lose and why
some win.*

8:40 Trevor K. Fuller*, State University of New York at
Oneonta, *Countering the Omission of Emissions: The
Use of Mapping Technologies by Community-Based
Environmental Justice Organizations in the United
States.*

9:00 Kerry Ard*, University of Michigan, *How is Exposure to
Pollution Changing Over Time in America for Different
Racial and Economic Groups?.*

9:20 Dajun Dai*, Georgia State University, *Evaluating racial
and socioeconomic disparities in urban green space
accessibility.*

4161. Challenges of Qualitative Methods in "Illiberal" Contexts 1 (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Cultural Geography Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)

ORGANIZER(S): Natalie Koch, U of Colorado, Boulder

CHAIR(S): Natalie Koch, U of Colorado, Boulder

Introducer: Natalie Koch

Panelists: Sarah Turner, McGill University; Ingrid Nelson,
University of Oregon; R. Tina Catania; Michael
Gentile, Umeå University

4162. Urbanization, Land Use, and Regional Development in China I (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Yehua Wei, University of Utah; Xinyue Ye,
Bowling Green State University

CHAIR(S): Xinyue Ye, Bowling Green State University

8:00 Honglin Xiao*, Elon University, *Sustainable Land Use in a
Karst Area in Guizhou, China.*

8:20 Xiaojin Tan*, Yichun Xie, *Geo-modeling of Sustainable
Urban Development in Hexi Corridor, Northwest
China.*

8:40 Yao-jie Yue, 1 School of Geography, Beijing Normal
University, Beijing 100875, China. 2 Key Laboratory
of Regional Geography, Beijing Normal University,
Beijing 100875, China.; Jing'ai WANG, 1 School
of Geography, Beijing Normal University, Beijing
100875, China. 3 State key Laboratory of Earth Surface
Processes and Resource Ecology, Beijing Normal
University, Beijing 100875, China.; Xueyong ZOU,
4 Desert Research Center of China, Beijing Normal
University, Beijing 100875, China.; Peijun SHI, 3
State key Laboratory of Earth Surface Processes and
Resource Ecology, Beijing Normal University, Beijing
100875, China.; Guofang Hu*, School of Geography
Beijing Normal University, *Study on Environmental
Friendly Land Use Planning Surrounding Urban Area:
a Case of Yuyang County in Mu Us Desert over China.*

9:00 Wenliang Li*, University of Wisconsin-Milwaukee;
changshan wu, University of Wisconsin Milwaukee,
*Modeling urban land use conversion of Daqing City,
China: a comparative analysis of stochastic cellular
automata and CLUE-S models.*

9:20 Xinyue Ye*, Bowling Green State University; Canfei He,
Peking University; Fenghua Pan, Peking University,
*Modeling Industrial Air Pollution in Transitional
China: Exploratory Space-Time Analytical Perspective
and Toolbox Implementation.*

4163. Rethinking race, class, and capital in urban transformation: Cultural politics of contemporary change (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Liberty I, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Lindsey Dillon, UC Berkeley

CHAIR(S): Catherine Guimond, University of California,
Berkeley

8:00 Benjamin Flowers*, School of Architecture, Georgia
Institute of Technology, *Race and Redevelopment in
the Urban Landscape.*

8:15 Anne McGivern Gessler, MA*, The University of Texas
at Austin, *Food Cooperatives and Gentrification in
Austin.*

8:30 Justin T Maher*, University of Maryland, *Murals of
Diversity, Scenes of Gentrification: Rhetorics of Race
in Contemporary Planning Documents in Washington,
D.C.*

8:45 John G Stehlin*, University of California, Berkeley, *The
Retaking of Detroit: Observations on Race, Urban*

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Decline and the Spatial Imaginary of Bike Culture.

9:00 Stephen Wisniewski, PhD Candidate, American Culture*, University of Michigan, *Flint, Michigan's AutoWorld and Rust Belt Revitalization.*

4164. The Governance of Shrinkage

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Matthias Bernt, Institute for Regional development and Structural Planning

CHAIR(S): Matthias Bernt, Institute for Regional development and Structural Planning

8:00 Vlad Mykhnenko*, University of Nottingham, *Shrinking cities, shrinking budgets? Local government finance in Europe's urban regions.*

8:20 Alberto Violante*, università sapienza; Caterina Cortese, Università Sapienza, *Regeneration and Shrinkage in Genoa.*

8:40 Matthew Cocks, Dr*, Liverpool John Moores University; Chris Couch, Professor, Liverpool John Moores University, *Managing the Shrinking City: Charting a Middle-Ground between Re-growth and Managed Decline in Liverpool, UK.*

9:00 Dieter Rink*, Helmholtz Centre for Environmental Research; Annegret Haase, Helmholtz Centre for Environmental Research; Katrin Grossmann, Helmholtz Centre for Environmental Research, *Networks, normative frames and fragmented interests: the governance of urban shrinkage in eastern Germany.*

9:20 Jung-Ying Chang*, National Taipei University; Tsu-Lung Chou, National Taipei University, *Shrinking Seaport in a Global City-Region: The Metropolitan Taipei Case.*

4165. Coastal Geomorphology and Management I (Sponsored by Coastal and Marine Specialty Group, Geomorphology Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Brandon Edwards, Louisiana State University; Jean Ellis, University of South Carolina

CHAIR(S): Jean Ellis, University of South Carolina

8:00 William Robertson, Ph.D.*, Coastal Planning & Engineering; Norbert Psuty, Ph.D., Rutgers; Andrea Spahn, Rutgers; William Hudacek, Rutgers; Jacob McDermott, Rutgers, *Formatting LiDAR Data for Geomorphic Mapping of Coastal US National Parks.*

8:20 Norbert Psuty*, Rutgers University; William Robertson, Coastal Planning and Engineering, Inc; Andrea Spahn, Rutgers University; William Hudacek, Rutgers University; Jacob McDermott, Rutgers University, *Conceptual Basis for Geomorphological Mapping in Coastal National Parks.*

8:40 Rosana Grafals-Soto, Ph.D.*, Universidad de Puerto Rico, Río Piedras, *Effects of beach morphology on foredune vegetation characteristics.*

9:00 Paul A. Gares*, East Carolina University, *Long-Term Topographic Changes on North Carolina Undeveloped and Developed Barrier Island Systems.*

4166. Geographies of Gender, Empowerment, Politics, and Participation (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Sarah De Leeuw, University of Northern British Columbia

CHAIR(S): Doreen McGrath, Delaware Academy

8:00 Charlotte Fagan*, Macalester College; Charlotte C Fagan, Macalester College, *Empowerment by Design?: A Case Study of Women in New Urbanist Communities.*

8:20 Antònia Casellas*, Universitat Autònoma de Barcelona; Antoni Tulla, Universitat Autònoma de Barcelona; Marta Pallares-Blanch, Universitat Autònoma de

Barcelona; Ana Vera, Universitat Autònoma de Barcelona, *Getting there, being there: Opportunities and constraints to women's politics in rural Spain.*

8:40 Smriti Dahal, PhD, Texas A&M University; Sanjay K Nepal*, University of Waterloo, *Participation as tyranny? Perspectives of marginal peoples on participatory decision-making in Nepal's Annapurna Conservation Area Project.*

9:00 Sylvia Bawa*, Queen's University, *In Conversation with the Global: Cultural Navigations of Cosmopolitan Empowerment Desires in Africa.*

9:20 Doreen McGrath, Teacher and Graduate Student*, Delaware Academy and Empire State College, *Voices of the Women of Islam.*

4167. Panel Session: Eco-hydrological Studies in the Arid Region, Northwestern China: Status and Challenges (Sponsored by China Specialty Group, Water Resources Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Yaning Chen, Chinese Academy of Sciences

CHAIR(S): Yaning Chen, Chinese Academy of Sciences

Introducer: Yaning Chen

Panelists: Xiaojun Yang, Florida State University; Guanglu Zhang, Center for Agricultural Resources Research, Chinese Academy of Sciences; Yanjun Shen, Center for Agricultural Resources Research, Chinese Academy of Sciences; Wei Wei; A-Xing Zhu, Univ of Wisconsin; Xun Shi, Dartmouth College; Ranhao Sun, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences; Xingong Li; Hongxing Liu, University of Cincinnati; Yili ZHANG, Institute of Geographic Sciences and Natural Resources Research (IGSNRR), CAS; Fahui Wang, Louisiana State University; Weihong Li, Chinese Academy of Sciences; Zhaoxia Ye

4168. Public Participation, Policy and Governance

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alexandra Purdy

8:00 Tamar Mott Forrest, Ph.D*, The International Poverty Solutions Collaborative, The Ohio State University, *It Takes More Than a Village: The Intricacies of a Participatory Approach.*

8:20 Charlotte Leigh, Ph. D*, Universities' Police Science Institute, Cardiff University; Martin Innes, Professor, Universities' Police Science Institute, Cardiff University, *Redefining Neighbourhoods using Public Participation and Qualitative GIS.*

8:40 John West*, Columbia University, *Locating and Expanding Civic Participation in Technical Systems of Governance.*

9:00 Sean Nickerson*, Florida State University, *Florida Redistricting: The State, GIS and Public Participation.*

9:20 Alexandra C Purdy*, University of Richmond; David S Salisbury, University of Richmond, *Green Map System "Mapa Verde" Latin America: Do Mapa Verde projects increase sustainability in Latin America?.*

4170. Cognition, Behavior, Representation, IV: Reasoning about Space (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Sarah E Battersby, University of South Carolina

CHAIR(S): Sarah E Battersby, University of South Carolina

8:00 Jinlong Yang*, Department of Geography, Pennsylvania State University; Alexander Klippel, Department of

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Geography, Pennsylvania State University, *Cognitively Grounded Weights for Qualitative Calculi*.

- 8:20** Anna-Katharina Lautenschuetz*, Department of Geography, University of Zurich, *The influence of geographic context on the identification of a moving object and its behavior - A quantitative and qualitative assessment*.

- 8:40** Sam Stehle*, Penn State University; Jennifer Smith, Penn State University; Jinlong Yang, Penn State University; Alex Klippel, PhD, Penn State University; Cynthia Brewer, PhD, Penn State University, *Cognitive Approach to Feature Generalization Across Multiple Scales*.

- 9:00** Lynn S. Liben, PhD*, Penn State; Corinne A. Bower, MS, Penn State; Adam E. Christensen, PhD, Holy Family University; Lauren M. Myers, PhD, Lafayette College, *Children's Success in Mapping Locations in Relation to Spatial Skills, Strategies, and Gender*.

- 9:20** Amy Lobben*, University of Oregon; Robert Pickett, University of Oregon; Megan Lawrence, University of Oregon, *Spatial Thinking Taxonomy: Behavioral and Neurological Experimentation*.

4171. Community Floodplan and Sea Level Management

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter Craumer, Florida International University

- 8:00** Kaleen J. Lawsure*, Virginia Modeling, Analysis and Simulation Center; Barry C. Ezell, Ph.D., Virginia Modeling, Analysis and Simulation Center, *2011 Hampton Roads Chief Administrative Officer Tabletop Exercise: A Modeling and Simulation Approach*.

- 8:20** Matthew Whitehead*, Oak Ridge National Laboratory, *New York City sea level rise vulnerability assessment*.

- 8:40** Sarah Dooling*, University of Texas, *Urban ecological planning in Austin, TX: Integrating flood regulation and housing affordability*.

- 9:00** Peter Craumer*, Florida International University; Hugh Gladwin, Florida International University, *Vulnerability to Sea Level Rise in South Florida: Spatial Patterns of Elevation, Poverty, and Ethnicity*.

- 9:20** Zulma Rivera*, University of Puerto Rico Rio Piedras Campus, *Population perception of coastal loss at beach located in the northeastern coast of Puerto Rico*.

4172. Geographies of water sharing: I (Sponsored by Water Resources Specialty Group)

Room: Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge; Henning Bjornlund, University of Lethbridge/University of South Australia

CHAIR(S): Thomas RR Johnston, University of Lethbridge

- 8:00** Cathy Conrad, PhD, Saint Mary's University; Sarah Weston, BSc, MREM Candidate*, Saint Mary's University, *Community-Based Integrated Water Monitoring and Management in Nova Scotia, Canada: CURA H2O*.

- 8:20** Hermen Smit*, UNESCO-IHE Institute for Water Education, *Engineering relations between water and politics - understanding water supply in the Gezira irrigation scheme*.

- 8:40** Raymond Yu Wang*, Department of Geography, The University of Hong Kong; Cho Nam Ng, Department of Geography, The University of Hong Kong, *Information and Cooperation in Water Pollution Dilemma: A Game Theoretic Perspective*.

- 9:00** Stanley Mubako*, Arizona State University; Katelyn Watson, Boise State University; Alex Mayer, Michigan Technological University; Benjamin Ruddell, Arizona State University, *Estimating multi-scalar ecosystem impacts of freshwater withdrawals: A case study of the Kalamazoo watershed*.

- 9:20** Steven D Prager*, University of Wyoming, *Social-ecological Networks and Resilience in Ethiopian Agroecosystems*.

4173. Russian permafrost regions: past and current research and activities (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Cryosphere Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Dmitry Streletskiy, George Washington University

CHAIR(S): Dmitry Streletskiy, George Washington University

- 8:00** Frederick Nelson*, University of Delaware, *"Miles and Miles of Miles and Miles": Russian-American Cooperation in the Creation of the Alaska Highway*.

- 8:20** Jerry Brown*, *Permafrost: a half century of international collaboration with the Soviet Union and Russia*.

- 8:40** Dmitry Streletskiy*, George Washington University, *International Field Class on Permafrost in Russia*.

- 9:00** Oliver W. Frauenfeld*, Texas A&M University; Liang Chen, Texas A&M University; Tingjun Zhang, National Snow and Ice Data Center, *Observed 1930-2000 Soil Heat Storage Changes in the Frozen Ground Regions of the Eurasian High Latitudes*.

- 9:20** Sharon Tahirkheli*, American Geological Institute, *Coverage of Russian Permafrost Literature in the Bibliography on Cold Regions Science and Technology and GeoRef*.

4174. Contested ecologies of post-industrial urban landscapes, part 1

Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jennifer Foster, York University; L Anders Sandberg, York University

CHAIR(S): Jennifer Foster, York University

- 8:00** Jennifer Foster*, York University, *Socio-ecological opportunities of abandoned urban landscapes*.

- 8:20** Peleg Kremer, PhD*, Tishman Environment and Design Center, The New School; Timon McPhearson, PhD, Tishman Environment and Design Center, The New School; Zoe Hamstead, Milano School for Management and Urban Policy, The New School, *Vacant Lots and the Urban Ecosystem*.

- 8:40** Emariana Taylor*, Kent State University, *Urban Vacant Land: Rebuilding Communities in Cleveland, OH*.

- 9:00** Anne Peggy Hellequin*, Université du Littoral Côte d'Opale-France; Christophe Gibout, Université du Littoral Côte d'Opale-France, *A "Right to the Sea" as part of the "Right to the City" in port cities: swimming and boating in post-industrial landscapes*.

Discussant(s): L Anders Sandberg, York University

4175. Beyond Walls and Cages: A Roundtable on the Intersection of Criminal and Migration Policies (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Jenna M. Loyd, Syracuse University; Matthew Mitchelson, Kennesaw State University

CHAIR(S): Rashad Shabazz, The University of Vermont

Panelists: Monica Varsanyi, City University of New York; Laura Y. Liu, The New School; Matthew Lowen, University of Arizona; Anne Bonds, University of Wisconsin, Milwaukee; Zoe Hammer, Prescott College; Andrew Burridge, International Boundaries Research Unit; Matthew Mitchelson, Kennesaw State University

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ORGANIZER(S): Alejandro Camargo, Syracuse University

CHAIR(S): Robin Roth, York University

8:00 Abdurazack Karriem*, Bryn Mawr College; Abdurazack Karriem, Bryn Mawr College, *Land Occupations, Participation, and Insurgent Struggles for Development: The Experience of Brazil's Landless Movement.***8:20** Annie Spencer*, City University of New York (CUNY) Graduate Center, *Nayakrishi Andolon: Resistance, Reworking and Revolution in Bangladesh's New Agriculture Movement.***8:40** Roseann Cohen*, Yale University, *Planting for Land: Property Claims and Dispossession among Displaced Farmers at the Urban Periphery of Cartagena, Colombia.***9:00** Joel Correia*, Latin American Studies-University of Arizona, *Production, Promise, & Property: A Political Ecology of the Aché Experience with Agrarian Change, Land Struggles, and Fair Trade in Kue Tuwy, Paraguay.*

Discussant(s): Alistair Fraser, National University Ireland, Maynooth

4177. Economic Impacts of Accessibility (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**Room:** Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Antonio Paez

CHAIR(S): Kerstin Westin, Umeå University

8:00 Kyeongsu Kim*, CUNY Graduate Center, *Another Look of Economic Benefits by Hudson-Bergen Light Rail: Job Opportunities in Environmental Justice Neighborhoods.***8:20** Anna Kramer*, University of Waterloo, *Accessibility and affordability in the American metropolis.***8:40** Adrian Ghilardi*, Universidad Nacional Autonoma de Mexico & Yale School of Forestry; Jean-François Mas, Universidad Nacional Autonoma de Mexico; Puneet Dwivedi, Yale School of Forestry; Rob Bailis, Yale School of Forestry, *Spatial Modeling of Woodfuel Extraction Dynamics: A Case Study for Honduras.***9:00** Aksel Ersoy*, University of Birmingham, *Accessibility and Knowledge Creation in the Turkish Context.***9:20** Ana Condeco*, University Complutense of Madrid; Javier Javier, Universidad Complutense de Madrid, *Spatial components of market potentials in Europe.***4178. Frontiers of Spatial Autocorrelation (Sponsored by Spatial Analysis and Modeling Specialty Group)****Room:** Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Daniel A Griffith, University of Texas - Dallas; Yongwan Chun, The University of Texas at Dallas

CHAIR(S): Yongwan Chun, The University of Texas at Dallas

4:40 Sang-Il Lee*, Department of Geography Education, Seoul National University, *Exploring Bivariate Spatial Dependence and Heterogeneity: A Comparison of Local Measures of Bivariate Spatial Association.***5:00** Norbert Schanne, Institute for Employment Research (IAB); Roberto Patuelli*, University of Bologna, *Spatial Filter Regression of Heterogeneous Spatio-Temporal Autoregressive Processes: Some Monte-Carlo Evidence.***5:20** Yongwan Chun*, The University of Texas at Dallas, *Exploring modifiable areal unit problem using the eigenvector spatial filtering.***5:40** Marco Millones*, Clark University; Benoit Parmentier, Clark University, *A spatio-temporal analysis of fire and land use/cover change in the Mexican Yucatán.***6:00** Daniel A Griffith*, University of Texas - Dallas, *Qualitative Geographic Sample Size in the Presence of Spatial Autocorrelation.***4179. Sexualities on the Move 1: Mobile Bodies (Sponsored by Sexuality and Space Specialty Group)****Room:** Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Nathaniel Lewis, Queen's University; John Paul Catungal, University of Toronto

CHAIR(S): Petra Doan, Florida State University

8:00 Valerie Keathley*, University of Kentucky, *Ten-Four Good Buddy: Truck Chasing Networks and Sexuality in the US Trucking Industry.***8:20** Nathaniel Lewis*, Queen's University, *Beyond Binary Places: The Social and Spatial Dynamics of Moving Out and Coming Out in Canada.***8:40** Jean-Paul Andre Willynck*, McGill University, *Translating Grindr: Gay Men's Identity to Place in a Digitalized World.***9:00** Robert Lidstone*, York University, *Refugee 'Camp': Queer Geography and LGBT Forced Migration.***4181. Agglomeration and Regional Development****Room:** Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Prosperi

8:00 Mika Raunio*, TaSTI, University of Tampere, Finland, *Policies of trans-nationalizing innovation sys-tems: Channels and Platforms in Finla.***8:20** Spyridon Stavropoulos*, University of Patras, Greece; Dimitris Skuras, University of Patras, Greece, *The effects of agglomeration economies on firm profitability: A multilevel EU-wide approach.***8:40** Yuri Mansury*, Cornell University, *Heterogeneity, Inequality, and Phase Transitions in an Agent-Based Model of the New Economic Geography.***9:00** Michal Kohout*, California State University, San Bernardino, *Using the capabilities approach to assess regional development.***9:20** David Prosperi*, Florida Atlantic University, *Scale and the Identification of Employment Sub-Centers in Metropolitan Regions: A South Florida Case Study.*

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4201. GeoHumanities VI: Data, Documentation, and Aesthetic Experience (Sponsored by Association of American Geographers)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): James A. Ketchum, Association of American Geographers
CHAIR(S): Jeremy Mennis, Temple University
10:00 Susan Schulten*, University of Denver, *The origins and meaning of thematic cartography in the United States.*
10:20 Edward L Kinman, Ph.D.*, Longwood University; John Williams, MFA, Clay Studio, *Reflections of the Continual Impact of an Art-Geography Collaboration.*
10:40 Sophie A Edwards*, Queen's University, *Creative methodologies and historical research: the case of Anna Jameson.*
11:00 Sarah Luria*, College of the Holy Cross, *Land Lines: Where Property Meets Poetry; New Experiments in the Digital Geohumanities.*
11:20 Jeremy Mennis, Ph.D.*, Temple University, *Object and Field Representations of Landscape in GIS and Fine Art.*

4202. Mediterraneans: The Making and Unmaking of the Spatial Imagination of the Middle Seas: Part I -- Historical Imaginaries (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, European Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Philip Steinberg, Florida State University; PAOLO GIACCARIA, University of Torino
CHAIR(S): Claudio Minca, Wageningen University
10:00 Olivier Thomas Kramsch, dr.*, Radboud Universiteit; Xavier Ferrer Gallardo, Radboud Universiteit, *Seeing Mediterranean Space (Anew) with Al-Idrissi.*
10:20 Federica Frediani*, Università della Svizzera italiana - Svizzera, *Mediterranean Narratives and geo-oriented perspectives.*
10:40 Todd Courtenay*, UW-Madison, *Early international archaeological networks and classical archaeology in post-Risorgimento Italy: the Istituto di Corrispondenza Archaeologica, 1829-1871.*
11:00 Frank Babinger*, Universidad Complutense de Madrid; Natalia Muñoz Molina, Consejo Superior de Investigaciones Científicas, *Sephardic communities as an example of cultural homogeneity in the Mediterranean.*
11:20 Katherine Fleming*, Remarque Institute, *The limits of Mediterraneanism and comparativism.*

4203. Beyond Protected Areas: Conservation in the 21st Century (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Development Geographies Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Louise Glew, World Wildlife Fund US; Daniel C. Miller, University of Michigan
CHAIR(S): Michael Mascia, World Wildlife Fund
10:00 Ashwini Chhatre*, University of Illinois at Urbana-Champaign, *Varieties of Environmentalism.*
10:20 Daniel C. Miller*, University of Michigan, *Evaluating the Legacy of Transboundary Conservation in the Face of Climate Change: Household Adaptive Capacity in the "W" Region of Benin and Niger.*
10:40 Louise Glew*, World Wildlife Fund US; Malcolm D Hudson, University of Southampton; Patrick E Osborne, University of Southampton, *Conservation as a mechanism for poverty alleviation? Evidence from a quasi-experimental evaluation of community conservation in northern Kenya.*

11:00 Michael Mascia, WWF-US; Sharon Pailler, WWF-US; Roopa Krithivasan*, WWF-US, *Understanding Protected Area Downgrading, Downsizing, and Degazettement (PADD) and its Conservation Implications.*

Discussant(s): Paul Robbins, University of Arizona

4204. Scales of Social and Environmental Activism (Part of the Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Martin Sullivan
10:00 Julie M. Mura*, Florida State University, *Lithium Extraction in Bolivia: Responses by the Right.*
10:20 Ashton Bree Wesner, B.A.*, University of California, Berkeley, *Uncovering Argentine Environmentalisms: collective action, national identity, and environmental conflict.*
10:40 Joe Curnow*, University of Toronto; Bradley Wilson, West Virginia University, *Looking Beyond the Label: Fair Trade and Spaces of Social Movement Learning in the United States.*
11:00 Edward Ramsamy*, Rutgers University, *The United Nations and the Global Anti-Apartheid Movement.*
11:20 Martin Sullivan*, independent researcher, *There will be blood: the case of the Corrib gas development, Kilcommon parish, Co Mayo, Republic of Ireland.*

4205. Slavery and Memory 6: Where Do We Go From Here? (Sponsored by Study of the American South Specialty Group, Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse E, Hilton, Concourse Level (Panel Session)
ORGANIZER(S): E Arnold Modlin Jr; Derek H Alderman, East Carolina University
CHAIR(S): E Arnold Modlin Jr
Discussant(s): Derek H Alderman, East Carolina University
Panelists: David Butler, University of Southern Mississippi; Perry Carter, Texas Tech University; Amy E Potter; Stephen Small, University of California; Linda M. Rupert, UNC Greensboro; Amanda Bowman Machik, Daniel Boone Homestead; Linda Lelo, Texas A&M University; Nicole A Moore; Christina Proenza-Coles

4207. Displacement and Regeneration in the Latin American City II (Sponsored by Urban Geography Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Veronica Crossa, University College Dublin
CHAIR(S): Kate Swanson
10:00 Juan P Galvis, PhD*, *'Community Governance' and the Right to Public Space in Bogota.*
10:20 Themis Chronopoulos*, Rutgers Center for Historical Analysis, *Public Space, Urban Disorder, and the Code of Urban Coexistence in Buenos Aires, Argentina.*
10:40 Carolina Sternberg, PhD*, University of Illinois at Urbana Champaign, *Redevelopment, Urban Regeneration and Revisionist Rhetoric in Neoliberal Buenos Aires.*
11:00 Peter K Mackie*, Cardiff University, *Informal Vendors in a Post-Revanchist Latin American City.*
Discussant(s): Kate Swanson

4208. Land Use and Land Cover Change in Africa

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Cyrus Samimi, University of Vienna
10:00 Giuseppe Molinaro*, University of Maryland; Alice Altstatt, University of Maryland, *LCLUC in the Maringa Lopori Wamba CARPE Landscape of the Democratic Republic of Congo: A multi-decadal case study exploring forest cover.*

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- 10:20** Jing Sun*, University of Florida, *Early warning of the savanna vegetation transition in southern Africa.*
- 10:40** Georgina Cullman, Ph.D. Candidate*, Dept of Ecology, Evolution, and Environmental Biology, Columbia University, *Land use diversity on community lands bordering Makira Protected Area in northeast Madagascar.*
- 11:00** Sigismund A. Wilson*, Rogers State University, *Modeling the Interface between Mining, Agriculture, Forest Extraction and Land Cover Change in Post Conflict Sierra Leone.*
- 11:20** Cyrus Samimi*, University of Vienna, Austria; Tanja Kraus, DLR Oberpfaffenhofen, Germany; Hendrik Wagenseil, Germany; Johan le Roux, Directorate of Forestry, Namibia, *Evaluation of satellite products on a regional scale. Examples from Sub-Saharan Africa.*
- 4210. Political Geographies of the Everyday 2 (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: Clinton Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Rachel Pain, University of Durham; Peter Hopkins, Newcastle University, UK
 CHAIR(S): Peter Hopkins, Newcastle University, UK
10:00 Joanne P. Sharp*, University of Glasgow, *Ex-pats seeking African socialism: living geopolitics in post-colonial Dar es Salaam.*
10:20 Katherine Hepworth*, University of Western Sydney, *Everyday Emergencies: securitisation and irregularisation in the streets of Milan.*
10:40 Patricia Burke Wood*, York University, *The Politics of Horses: Strategic Management of the Everyday Lives and Spaces of Irish Travellers.*
11:00 Rachel Pain*, University of Durham, *Everyday Terrorism: Domestic Violence and the Politics of Fear.*
 Discussant(s): Jason Dittmer, University College London
- 4211. (Im)Mobilities of Dwelling: Places and Practices 2 (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Gibson Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Lars Meier, University of Munich; Sybille Frank, Technical University Darmstadt
 CHAIR(S): Silke Steets, Darmstadt University of Technology
10:00 Annette Spellerberg*, University of Kaiserslautern, *Dwellings in owner communities.*
10:20 Nicola Hilti*, ETH Zurich, ETH Wornforum - ETH CASE, *Life Worlds of Multilocal Dwellers Between Movement and Anchoring.*
10:40 Diane Nimmo, Dipl.-Soz. *, German Youth Institute (DJI), Munich, Germany, *Children in post-separation families as multi-local agents: Living in and between two family dwellings.*
11:00 Madeleine Hatfield*, Royal Geographical Society (with IBG), UK, *Theorising home and dwelling in return migration: British households returning to the UK from Singapore.*
11:20 Sybille Frank*, Goethe University Frankfurt, *Homes away from Home: Indian Tourists in Switzerland.*
- 4212. Geographies of Food (In)Securities II**
Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Japji Anna Bas, York University
10:00 Thomas Veldman*, Western Michigan University, *A Perception Analysis of Downtown Residents: The City of Lansing, MI Food Desert in Context.*
10:20 Haruna Miyakado*, The University of North Texas, *Association between Neighborhood safety and food deserts in Dallas.*
- 10:40** J. Gaines Wilson*, University of Texas at Brownsville; Cristina Barroso, UTHSC Brownsville Campus; Jennifer Brinkworth, UT-Brownsville; Jennifer Salinas, PhD, UTHSC Brownsville Campus, *Exposure of unhealthy food to young children in a Mexican American community.*
- 11:00** Joshua Rodd*, Department of Geography, Institute of Behavioral Sciences, University of Colorado at Boulder; Hannah Reed, Department of Environmental and Occupational Health, Colorado School of Public Health, University of Colorado at Denver; Elizabeth Lawrence, Population Program, Institute of Behavioral Sciences, University of Colorado at Boulder; Dwi Agustian, Department of Epidemiology, Colorado School of Public Health, University of Colorado at Denver; Elisabeth Dowling Root, PhD, Department of Geography, Institute of Behavioral Sciences, University of Colorado at Boulder, *Hot and Cold Clustering of Obesity in the Atlanta Metro Area.*
- 11:20** Japji Anna Bas, M.A. (PhD Candidate)*, York University, *Integrated school food programs--the emerging revolution in school feeding programs.*
- 4213. The Economic Geography of labor**
Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Chris Hurl
10:00 Urban Fransson, University of Gothenburg, Sweden; Martin Svensson Henning*, Lund University, Sweden; Anders Larsson, University of Gothenburg, Sweden, *Regional and sectoral labor mobility in the automotive sector.*
10:20 Kristina Trygg*, Stockholm University, *Negotiations in the geography of work: the case of knowledge workers.*
10:40 Robert M Bridi*, York University, *Labour Control in the Tobacco Agro-Spaces: Migrant Agricultural Workers in South-Western Ontario.*
11:00 Hannah Johnston*, Queen's University, Kingston Ontario, *From Regulation to Unionization: The Use of Identity Politics in Pennsylvania Mushroom Houses.*
11:20 Chris Hurl*, Department of Sociology and Anthropology, Carleton University, *Making an Essential Service: Hospital Workers, Industrial Relations, and Geographies of Public Sector Labour in Ontario, 1959-1969.*
- 4214. Examining Anthropological and Geographical Intersections of Traditional Cultural Properties (Sponsored by Indigenous Peoples Specialty Group)**
Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Giorgio Hadi Curti, San Diego State University; Christopher M Moreno, San Diego State University
 CHAIR(S): Giorgio Hadi Curti, San Diego State University
10:00 Christopher M Moreno*, HDR-EOC / San Diego State University; Giorgio Hadi Curti*, HDR-EOC/San Diego State University, *Defining "Tangibility" and "Integrity" in Culture-Place Relations and Traditional Cultural Properties (TCPs): Indigenous Worldviews and the Rubber-Bands of Space-Time.*
10:20 Suzanne Dallman, PhD*, California State University - Long Beach; Mary Ngo, MA, California State University - Long Beach; Paul Laris, PhD, California State University - Long Beach; Deborah Thein, PhD, California State University - Long Beach, *Political Ecology of Emotion and Sacred Space: The Winnemem Wintu struggles with California water policy.*
10:40 Marcus Briggs-Cloud*, HDR EOC / College of Muscogee Nation, *The Colonized Nature of Indigenous Peoples and Sacred Space Discourses.*
11:00 Harriet L. Richardson Seacat, M.A. *, HDR, Inc., *These*

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Shimmering Waters are NOT for Sale: Contentions of Waterway Use Along the Gulf Coast.

Discussant(s): Thomas Herman

4215. Internships and Work-Based Learning as Career Preparation (Sponsored by Private/Public Affinity Group, Applied Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Madison Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers

CHAIR(S): Joy K. Adams, Association of American Geographers

Panelists: Olga Medvedkov, Wittenberg University; JoAnn (Jodi) Vender, Pennsylvania State Univ; Richard Quodmine, NYS DOT; Lucy Stanfield, US Environmental Protection Agency; Mark Becker; Micah L Brachman; Robert B Kent, California State University, Northridge

4216. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies III (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Elizabeth Mack, Arizona State University; Kevin Stolarick, University of Toronto

CHAIR(S): Elizabeth Mack, Arizona State University

10:00 Krzysztof Stachowiak*, Adam Mickiewicz University in Poznan, Poland, *Cities and the Creative Economy: Revisiting Some Hypotheses on Location Patterns, Mobility of the Creative Class and the Role of 'Soft Factors'.*

10:20 Kevin Stolarick*, University of Toronto; Jose Lobo, Arizona State University; Deborah Strumsky, University of North Carolina - Charlotte, *Are Inventive Metropolitan Areas Also Entrepreneurial?.*

10:40 Breandán Ó HUallacháin*, Arizona State University; Kevin Kane*, Arizona State University School of Geographical Sciences and Urban Planning, *Leading Edge American Regional Invention.*

11:00 Graham Macdonald*, University of Toronto, *Examining creativity as a development tool in the remote rural context: Creativity-led development in the Tanna, Vanuatu.*

11:20 Adam Parrillo*, University of Wisconsin - Green Bay; Meir Russ, University of Wisconsin - Green Bay, *The Experience City and the Knowledge City: The Impact of Education on Inequality.*

4217. Dendrochronology II: Dendrochronological Applications II (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; Soumaya Belmecheri, The Pennsylvania State University

CHAIR(S): Caroline Leland, West Virginia University

10:00 Caroline Leland*, West Virginia University; Neil Pederson, PhD, Lamont-Doherty Earth Observatory, Columbia University; Amy Hessl, PhD, West Virginia University; Nicole Davi, PhD, Lamont-Doherty Earth Observatory, Columbia University; Baatarbileg Nachin, PhD, National University of Mongolia, *Comparing hydroclimatic regions in north-central Mongolia using a tree-ring network.*

10:20 Evan Lawley*, The Pennsylvania State University; Alan Taylor, PhD, The Pennsylvania State University, *Dendroclimatic analysis of old-growth conifers in the Lake Tahoe Basin, northern Sierra Nevada mountains, USA.*

10:40 Christina Lyons-Tinsley*, University of Washington; David L. Peterson, USDA Forest Service Pacific Wildland Fire Sciences Laboratory, *Examining Variability in Douglas-fir Growth at a Continental Scale.*

11:00 Shelly A. Rayback, Ph.D.*, University of Vermont; Andrea Lini, Ph.D., University of Vermont; Mary H. Gagen, Ph.D., Swansea University; Rachel Gregory, Cardiff University; Charles V. Cogbill, Ph.D., *Eastern Hemlock (Tsuga canadensis) stable carbon isotope ratio chronologies from Vermont and their potential for climate reconstruction in eastern North America.*

11:20 Soumaya Belmecheri*, The Pennsylvania State University; Stockton Maxwell, The Pennsylvania State University; Kenneth Davis, The Pennsylvania State University; Alan Taylor, The Pennsylvania State University, *Inferring long-term carbon sequestration from tree rings at Harvard Forest: A calibration approach using tree ring widths and geochemistry / flux tower data.*

4218. Forest Biogeography and Applications

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anthony R Cummings, Syracuse University

10:00 James Hayes*, California State University Northridge, *A Multi-site Analysis of Valley Oak Regeneration, Stand Structure and Spatial Distribution in the Santa Monica Mountains, California, USA.*

10:20 Sarah E. Haas*, Dept. of Geography & Earth Sciences, University of North Carolina at Charlotte; Mevin B. Hooten, U.S. Geological Survey & Departments of Fish, Wildlife & Conservation Biology, and Statistics, Colorado State University; David M. Rizzo, Dept. of Plant Pathology, University of California- Davis; Ross K. Meentemeyer, Dept. of Geography & Earth Sciences, University of North Carolina at Charlotte, *Forest species diversity reduces disease risk in a generalist plant pathogen invasion.*

10:40 Anupam Anand*, University of Maryland, College Park; Ralph Dubayah, University of Maryland, College Park, *Investigating Spatial Non-Stationarity in Tree Measurements for Sierra National Forest.*

11:00 Kristyn Shreve*, Kent State University; Anthony Vitale, Kent State University; Erika Protos, Kent State University; Amber Myers, Kent State University, *Predicting Leaf Crop in the Premontane Cloud Forest Streams of the Alberto Manuel Brenes Biological Station.*

11:20 Anthony R Cummings*, Syracuse University, *Rupununi multiple-use tree species: exploring a common and assessing implications for wildlife food security.*

4219. The Gender, Place and Culture Jan Monk Lecture in Feminist Geography

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Sarah Moore, University of Arizona

CHAIR(S): Sarah Moore, University of Arizona

Introducer: Robyn Longhurst

Discussant(s): Lynda Johnston, university of waikato; Janice Monk, University of Arizona; Richa Nagar, University of Minnesota

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4220. Author Meets Critics: Ananya Roy and Aihwa Ong (eds) Worlding Cities: Asian Experiments and the Art of Being Global (2011, Wiley-Blackwell)

Room: Nassau B, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Jennifer Robinson, University College London
CHAIR(S): Jennifer Robinson, University College London
Panelists: Ananya Roy, Eugene McCann, Simon Fraser University; D. Asher Ghertner, London School of Economics; Nik Theodore; Colin McFarlane, Durham University; Helga Leitner, University of Minnesota - Minneapolis

4221. Issues in International Housing

Room: Regent Parlor, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Shahad Ebrahim Alabdouli, united arab emiretis university
10:00 Marco Helbich*, Institute of Geography, University of Heidelberg; Jamal Jokar Arsanjani, Department of Geography and Regional Research, University of Vienna, *Do Suburbia impact House Prices? An Empirical Evidence from the Metropolitan Area of Vienna.*
10:20 Michael Ryckewaert*, Dept. ASRO - K.U.Leuven; Bruno De Meulder, Dept. ASRO - K.U.Leuven, *Mapping suburbanization patterns in Belgium.*
10:40 Mark Scott*, University College Dublin, *Rural household resilience in the face of recession conditions: insights from the housing crash in Ireland.*
11:00 Charles Byrd, B.A. Geography, VA Tech*, *Technology transfer as a catalyst for housing finance growth in emerging markets: structural insulated panels.*
11:20 Shahad Ebrahim Alabdouli*, United Arab Emirates University; Khaula Alkaabi, PhD, United Arab Emirates University, *The impact of residential land use planning on children physical activities: United Arab Emirates.*

4222. People and Place

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)
ORGANIZER(S): Program Committee
CHAIR(S): IUREA Daniela, Faculty of Geography, University of Bucharest, Romania
 Charles Corea*, University of Maryland, *Real Estate and Land Use: a Case Study of the Island of Ilovik, Croatia.*
 Tobias Scott-Killian*, SUNY Geneseo, *Historical Geography of the American Circus: Analysis of Golden Age Itinerant Entertainment.*
 Erin L Bunting*, University of Florida, Department of Geography; Jessica Steele, University of Florida, Department of Geography; Eric Keys, PhD, University of Florida, Department of Geography; Brian Child, PhD, University of Florida, Department of Geography, Center for African Studies; Shylock Muyengwa, University of Florida, Center for African Studies; Jane Southworth, PhD, University of Florida, Department of Geography, *The Socioeconomic Impact of Parks and Tourism on Livelihoods in Southern Africa.*
 Akihiro Tsukamoto*, Ritsumeikan University; Takumi Nakamura, Ritsumeikan University, *Analysis of the Great Tenmei Fire in Kyoto: Based on Illegal Journalistic Prints and Survived Buildings.*
 Jaime Landinez-Aceros*, Universidad de los Andes, *Coca and conflict. The spatial dimensions of regional violence in Colombia.*
 Brendan Lavy*, Texas State University, *The Social Equity of Public Parks and Park Access in Austin, Texas.*
 Allen Finchum*, Oklahoma State University, *The Clinchfield: Impacts on Southern Appalachia.*
 Charlie Consolo, Undergraduate - Geography*, Ohio State University, *Driving the bus: A look into the daily work*

experience of Columbus, OH bus drivers.

Christopher Ulack*, University of Texas at Austin, *Negotiating Resettlement: Iraqi Refugees in the United States.*
 Ted Grevstad-Nordbrock*, Michigan State University; Igor Z. Vojnovic, Ph.D., Michigan State University, *Government-Subsidized Historic Preservation and Urban Restructuring in Chicago, 1970-2000.*
 Christopher Metzger*, University of South Florida, *Geographic Insights into American Exceptionalism.*
 Yukimasa KATO*, Nihon University Graduate School; Mitsuru SANO, Nihon University, *Level of Awareness and State of Utilization of National Parks in Japan.*
 Scott Warren*, Arizona State University, *Crossing the Border at Arizona's Ironwood Forest National Monument.*
 Tadayoshi Tada*, Tohoku University, Sendai, JAPAN, *Restructuring the Forest Sector and the Resurgence of Domestic Timber Use in Northeast Japan.*
 Jeffrey Widener*, The University of Oklahoma, *The Towa and the 'Yellowstone of the Southwest'.*
 Michael Bergervoet, PhD Student*, University of Kansas, *Physical & Cultural Landscape Analysis of the Red Wing Locality and Its Earthworks.*
 Beth Ciaravolo, M.A. Student*, University of Cincinnati, *The Bear, the Bomb, and Uncle Sam: The Evolution of US-Russian Relations Viewed Through Political Cartoons.*
 Marsaili Aspinall*, University of Aberdeen, *Silver Darlings, Steam Railways, Mr Budding's Machine and Golf: the co-development of golf as a Land Use, Recreation and Ecosystem Service.*
 Danilo Piccoli Neto*, Unesp, *Praxeology as a Component of the Spatial Organization.*
 Andrew Wentworth*, Middle Tennessee State University; Hari Garbharran, Professor of Geosciences, Middle Tennessee State University, *Humans in Crisis Founder, Addressing Women's Education in Baghdad with Humans in Crisis.*
 Jack Morgan*, Appalachian State University, *Braves Country: Atlanta Braves Fan Base As A Vernacular Region.*
 Alison E. Feeney*, Shippensburg University, *A GIS analysis of historic maps created during the first hundred years of Bermuda's settlement.*
 Donald Zeigler*, Old Dominion University; James Wilson, James Madison University; Dawn Bowen, University of Mary Washington; Kevin Hardwick, James Madison University, *Geotechnology and Historical Markers: Adding Text to an Eighteenth Century Landscape.*
 Hiroaki NAKAOKA*, Nihon University Graduate School; Mitsuru SANO, Nihon university, *The actual situation of one-day sightseeing trip in the Tokyo metropolitan.*
 Thomas A Wickle*, Oklahoma State; Jonathan Comer*, Oklahoma State University, *Growth of the Mega Social Networking Site: Facebook Adoption by Country.*
 Roger Sayre, Ph. D.*, United States Geological Survey; Carly Morganwalp, United States Geological Survey, *From Space To Place - An Image Atlas of World Heritage Sites on the 'In Danger' List.*
 Alfonso Jirón García*, Universidad Nacional Autónoma de Nicaragua, Managua, *Tourism in the Mombacho Volcano Natural Reserve (Granada, Nicaragua 2011).*
 Craig S. Revels*, Central Washington University, *Claiming the Land: Landscape Change in Nicaragua's Symbolic Heart.*
 Alice Dunton*, Coppin State University; Alice N Dunton, Undergraduate Student, Coppin State University, *Difference between Correlation and Causation: The Example of Baltimore City Crimes.*
 Luis Eduardo Guarnizo, Professor, Community Development, University of California, Davis; Farshid Haque, Ph.D. Candidate, Geography*, University of California, Davis, *Role of State in Origin of Food: Identity Formation around Disease Traceability in Capitalist*

MONDAY, FEBRUARY 27 • 10:00 AM - 11:40 AM • 4200*Animal Agriculture.*

Steven E. Silvern*, Salem State University; Milan Budhathoki*, Salem State University, *The alternative food movement and the changing agri-food geography of Massachusetts, 1985-2011.*

Sharon Moran*, State University of New York - Env. Science and Forestry, Syracuse, NY, *Local food, federal dollars: benefit programs and 'local foods' narratives.*

William E. Doolittle*, University of Texas, *The Overlooked Half of Boserup's Subtitle: What She Meant and Its Implications.*

Ignacio D Falcón*, Arnaldo L Laureano, *Influential Factors in the Decline of Coffee Production: Puerto Rico.*

Sarah Bennett*, University of Wisconsin-Madison, *Mapping the Qualitative Spaces of Dance.*

Mimi Urbanc*, Scientific Research Centre of the Slovenian Academy of Sciences and Arts; Jerneja Fridl, Scientific Research Centre of the Slovenian Academy of Sciences and Arts; Marko Juvan, Scientific Research Centre of the Slovenian Academy of Sciences and Arts, *Space of Slovenian Literary Culture.*

Maria Del Pilar Ponce, BA*, Student UPR, *Community perception over green urban spaces in Río Piedras, Puerto Rico.*

Alvin H Goesser*, University of Nebraska at Omaha, *A haptic geography: how it feels to be Outward Bound.*

Sara Barrasa García*, El Colegio de Michoacán, A.C., *Environmental management of urban landscape: evaluation undertaken by general public and experts.*

Cheryl V Sobie, B.Env.St. (Honours), MA Candidate*, University of Manitoba; Jeffrey R Masuda, PhD, University of Manitoba, *Examining the discriminatory foodscapes of low-income Aboriginal women in Winnipeg.*

Valéria Roque Ascensão*, Universidade Federal de Minas Gerais (UFMG); Valéria Roque Ascencao, Universidade Federal de Minas Gerais, *The Knowledge of the Subject Matter by Teachers and the Social Role of School Geography.*

Iurea Daniela, PhD student*, Faculty of Geography, University of Bucharest, Romania; IUREA Daniela, Faculty of Geography, University of Bucharest, Romania, *The role of development axes in Romania. Case study: Iasi County.*

Nick Koupal*, Middle Tennessee State University; Hari P Garbharran, Ph.D, Middle Tennessee State University, *MTSU students help communities in crisis.*

Adebayo Akintunde*, *A Geographical Analysis of HIV/AIDS and Religion in Northern Nigeria.*

4223. Critical Geographies of Counter-Insurgency 2

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Joseph Bryan, Department of Geography, University of Colorado, Boulder; Ian Baird, The University of Wisconsin - Madison

CHAIR(S): Ian Baird, The University of Wisconsin - Madison

10:00 Wesley Attewell*, The University of British Columbia, Department of Geography, *Re-adjusting Afghanistan: On the (bio)political economies of counterinsurgency.*

10:20 Jeff Whyte*, UBC, *Occupied Customers: Communications and Entrepreneurial Counterinsurgency.*

10:40 Joseph Bryan*, Department of Geography, University of Colorado, Boulder, *Theorizing Insurgency: violence, the state, and the limits of normative thinking.*

Discussant(s): Ian Baird, The University of Wisconsin - Madison

4224. Climate Hazards and Vulnerability

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Gottlieb, University of Oklahoma

10:00 Kevin D Berg, MA Candidate*, University of Illinois at Urbana-Champaign, Department of Geography; Bev Wilson, Assistant Professor, University of Illinois at Urbana-Champaign, Department of Urban and Regional Planning, *Social Vulnerability and Evacuation Risk Along the Gulf Coast: Understanding the Connection Within and Across Cities.*

10:20 Wendy A Mitteager, Dr. *, SUNY Oneonta, *The Power of a Hurricane to Bring a Community Together: The Case of Schoharie, NY and Irene.*

10:40 Lisa Colson*, InuTeq; Christianna Townsend, InuTeq, *Vulnerable Croplands in the Aftermath of Hurricane Irene and Related Flooding.*

11:00 Jason Grek-Martin*, Saint Mary's University, *Nearly Ten Years on From Hurricane Juan: Nature, Place and Meaning in Two Halifax Parks.*

11:20 Robert J. Gottlieb*, University of Oklahoma; Harold E. Brooks, National Severe Storms Laboratory; Mark A. Shafer, Oklahoma Climatological Survey; Michael B. Richman, University of Oklahoma, *Using GIS to Assess Vulnerability to Weather and Climate Hazards in the Contiguous United States.*

4225. New approaches in quantitative social geography: new data, new methods, new insights (2)

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Richard Harris, University of Bristol; Alex Singleton

CHAIR(S): Alex Singleton

10:00 Caroline L Wright*, University of Bristol, *Post-16 education: a multilevel analysis of educational participation in the county that used to be Avon (CUBA), England.*

10:20 Richard Harris*, University of Bristol, *Using geographical micro-data to measure segregation at the scale of competing schools in London.*

10:40 Christopher R Browning, PhD*, Ohio State University; Mei-Po Kwan, PhD, Ohio State University, *Assessing "Community" Segregation Using Actor-Location Affiliation Networks.*

11:00 Beatriz Caicedo*, University of Bristol-University of Antioquia; Kelvyn Jones, University of Bristol; Luis Fernando Duque, University of Antioquia, *Adolescents' aggressive behaviour: individual associated factors and role of neighbourhood's context.*

11:20 Ellen Kersten*, UC Berkeley; Maggi Kelly, PhD, UC Berkeley; Barbara Laraia, PhD, MPH, RD, UC San Francisco, *Evaluating spatial variability of neighborhood food resources using kernel density estimation.*

4229. Rex Honey's Contributions to Geographic Research and to the AAG (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Africa Specialty Group)

Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Charles Abbott, University of Iowa; Fred Shelley, University of Oklahoma

CHAIR(S): Charles Abbott, University of Iowa

Panelists: Christopher Merrett, Western Illinois University; Tadesse Kidane-Mariam, Edinboro University of Pennsylvania; George Malanson, University of Iowa; Patricia A. Solis, Association of American Geographers; Stanley Brunn, University of Kentucky

MONDAY, FEBRUARY 27 • 10:00 AM - 11:40 AM • 4200**4230. Environment and Spatial Patterns of Disease**

Room: *Mercury Rotunda, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Warangkana Ruckthongsook, University of North Texas

10:00 Jay Lee*, Kent State University, *Modelling Spatial Diffusion of Dengue Fever*.

10:20 Kristopher Kuzera*, Clark University, *Recent temperature change and the potential effects on dengue hemorrhagic fever rates in Thailand*.

10:40 Marjorie McConnell, PhD*, University of New Mexico, Department of Biology; Helen J Wearing, PhD, University of New Mexico, Departments of Biology and Mathematics and Statistics; Jeanne M Fair, PhD, Los Alamos National Laboratory; Robert A Nofchissey, University of New Mexico, Department of Internal Medicine, Infectious Diseases, *Geography of Trypanosoma cruzi incidence in New Mexico: A pilot study*.

11:00 Hua Liu*, Old Dominion University; Qihao Weng, Indiana State University, *Environmental Factors and Risk Areas of West Nile Virus in the Southern California, 2007-09*.

11:20 Warangkana Ruckthongsook*, University of North Texas, *The Impact of Land Use and Land Cover on the Spatial Distribution of Buruli Ulcer in Southwest Ghana*.

4231. History, Memory and Identity, and Urban Space

Room: *Petit Trianon, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John E. Stout, USDA-ARS

10:00 Daniel Hopkins*, University of Missouri - Kansas City, *The geography and demographics of slavery and abolition in St. Croix, Danish West Indies, 1791-1805: the nature of the historical geographical record*.

10:20 Fuzia Elkekli*, University of Arizona, *The Historical Identity of Medina, Tripoli, Libya under Urban Planning and Conservation*.

10:40 Brandon Thomas Luke*, Kent State University, *The Destruction of Homes in Pompeii as Relates to Class and Wealth*.

11:00 Linda Merle Price, PhD Human Geography*, Queen's University Belfast, *'Geographies of Gender Identity, Memory and The Women's Land Army in World War Two'*.

11:20 John E. Stout*, USDA-Agricultural Research Service, Lubbock, Texas, *Mapping the Llano Estacado*.

4232. Paleo Research

Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Sifontes, York University

10:00 Mark D Green, Ph.D.*, Indiana State University, *The Relationship Between Landscape and Settlement in Iron Age Central Jordan (Dead Sea Escarpment, Plateau Highlands and Eastern Syrian Desert)*.

10:20 Karen Taylor, B.A., M.Litt. *, NUIG; Aaron Potito, B.A., M.A., Ph.D, Co-Author; Beatrice Ghilardi, Co-author; Michael O'Connell, BSc, PhD, DSc, HDipEd, MRIA, Co-author; Dave Beilman, B.Sc, M.Sc., Ph.D., Co-author, *Ecological impacts of early farming in Western Ireland: a palaeolimnological approach*.

10:40 Mandy Munro-Stasiuk*, Kent State University; Kam Manahan, Anthropology, Kent State University; Peter Koby, Kent State University, *The spatial distribution of anthropogenic features around rejolladas (dry sinkholes) at the ancient Maya site of Xuenkal, Yucatan, Mexico*.

11:00 David M. Yelacic, M.S.*, Department of Geography, Texas State University-San Marcos; Charles D. Frederick, Ph.D., Research Associate, Department of Geography

and the Environment, The University of Texas at Austin; Jon C. Lohse, Ph.D., Center for Archaeological Studies, Texas State University-San Marcos, *Site Formation and Context of Sitio Chivacabe, Western Highland Guatemala*.

11:20 Sarah Sifontes*, York University, *Spectral Signature variance according to fossil density on a limestone surface in Lakefield, Ontario*.

4235. Unpacking the Eco-city Phenomenon: Variations in Theory and Practice II (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *East Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): I-Chun Chang; Elizabeth Rapoport

CHAIR(S): Federico Cugurullo, Kings College London

10:00 Andrew Karvonen*, University of Manchester; Hannah Knox, University of Manchester, *Eco-cities research and the engaged university: challenging conventional modes of academic knowledge generation*.

10:20 Helena Rivera*, University College London, *Re-Inventing the British New Town for the 21st Century*.

10:40 Braulio Eduardo Morera*, University College London, *Sustainable Urbanism in the People's Republic: Retracing the Social Dimensions of Eco-cities*.

11:00 Sudeshna Mitra*, Cornell University, *Ecological Sustainability and Regional Competitiveness: Peri-urban Land Markets in Kolkata, Hyderabad*.

Discussant(s): Aidan While

4236. Tourism Geographies: Advances, Challenges and Future Areas of Research (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: *Green Room, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Jennifer Devine, University of California, Berkeley; Marcela A Palomino-Schalscha, University of Canterbury

CHAIR(S): Marcela A Palomino-Schalscha, University of Canterbury

Introducer: Marcela A Palomino-Schalscha

Discussant(s): Julie Wilson, URV Tarragona

Panelists: Salvador Anton Clave, Rovira i Virgili University; Daniel Knudsen, Indiana University; Maria Casado-Diaz, University of the West of England; Gunjan Saxena; Andrew Holden, Bedfordshire; Chris Gibson, University of Wollongong

4237. Ethnic Geography Specialty Group Distinguished Scholar Lecture: Wei Li (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: *Harlem Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan

10:00 Wei Li*, Arizona State University, *Intellectual Migration and Brain Circulation: conceptual framework and empirical evidence*.

Discussant(s): Audrey Kobayashi, Queen's University; Lucia P Lo, York University; Thomas D. Boswell, University of Miami

4239. Cultural and Historical Geographies of Intra-Urban Mass Transit II (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Transportation Geography Specialty Group)

Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Richard Dennis, University College London; Carlos Lopez Galviz, University of London

CHAIR(S): Carlos Lopez Galviz, University of London

10:00 Mikkel Thelle*, University of Copenhagen, *A space of*

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ubiquitous modernity: The Copenhagen tramways as assembly.

- 10:20** Burcak Ozludil Altin, Ph.D. Candidate in Urban Systems*, New Jersey Institute of Technology, *"Madmen on Trams: Public Transportation and Psychiatry in Istanbul."*

- 10:40** Frederic Dobruszkes*, Oxford University, *Naming a Large Urban Transport Facility: Practices and Stakes Regarding Underground Stations in Brussels.*

- 11:00** Thomas Kohlwein*, Vienna University of Technology, *Reading Berlin Central Station.*

Discussant(s): Richard Dennis, University College London

4240. Spaces of Humor (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Hudson Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): terri moreau, Royal Holloway, University of London; Carole Enahoro, University College London

CHAIR(S): Carole Enahoro, University College London

- 10:00** Jeffrey Gordon*, Bowling Green State U., *Geography and Personal Identity: Received Home Correspondence.*

- 10:20** Scott Sharpe*, University of New South Wales at Canberra; Maria H Hynes, The Australian National University, *For Lightness.*

- 10:40** terri moreau, HM Lady*, Royal Holloway, University of London; Nation of Heliotrope, *Parodying the Sacred: The Storytellers Serious Humor.*

- 11:00** Beza Merid*, NYU Department of Media, Culture and Communication, *Spaces of Confessional Performance: Stand-Up Comedians on Death and Disease.*

- 11:20** Jakeya Caruthers*, Stanford University; Jakeya Caruthers, Stanford University, *"They Knew God Had a Brother": Political Affect and Legitimacy in Afro-Futurist Comedy.*

4241. Temperature and Human Health Part II: Temporal Aspects (Sponsored by Climate Specialty Group, Health and Medical Geography Specialty Group, Hazards Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Michael Allen, Kent State University; Adam Kalkstein, United States Military Academy

CHAIR(S): David M. Hondula, The University of Virginia

- 10:00** Adam J. Kalkstein*, United States Military Academy, *Heat Cat 5 - Is There a Better Way to Warn Soldiers of Dangerous Heat?*

- 10:20** Michael J Allen*, Kent State University, *A Reexamination of Winter Health Issues using Distributed Lag Models.*

- 10:40** Scott Sheridan*, Kent State University; Cameron C Lee, Kent State University; Michael J Allen, Kent State University; Laurence S Kalkstein, University of Miami, *Projections of Heat Vulnerability in California over the 21st Century Using a Synoptic Climatological Approach.*

- 11:00** Jennifer K Vanos*, Health Canada, *Detecting climate change in two large U.S. cities using a synoptic climatological approach.*

- 11:20** Michelle L. Bell*, Yale University; Roger D. Peng, Johns Hopkins University, Bloomberg School of Public Health; Francesca Dominici, Harvard University, School of Public Health, *Heat waves and health outcomes under climate change: a case study and research challenges.*

4242. Contemporary Geographies of Brazilian Land Use Change (II): Investment and Agricultural Intensification (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Peter Richards, Michigan State University

CHAIR(S): Peter Richards, Michigan State University

- 10:00** Rachael D. Garrett*, Stanford University; Eric F. Lambin, Stanford University; Rosamond L. Naylor, Stanford University, *Intensification and Expansion in the Brazilian Soy Industry: The Importance of Land Institutions, Rentals, and Supply Chains.*

- 10:20** Eugenio Arima*, The University of Texas; Robert Walker, Michigan State University; Peter Richards, Michigan State University, *Deforestation, Regrowth, and Conservation when Markets are Global: Theorizing Land Trajectories in the Amazon.*

- 10:40** Avery Simon Cohn*, University of California, Berkeley, *Closing Science, Policy, and Governance Gaps to Achieve GHG Benefits from Land Sparing in Brazil.*

- 11:00** Leah K VanWey*, Brown University; John Mustard, Brown University; Dan Mahr, The Cadmus Group; Stephanie Spera, Brown University; Rebecca De Sa, Yale University, *The Spread of Intensive Agriculture across Mato Grosso, Brazil, 2001-2011.*

Discussant(s): Rachael Garrett, Stanford University; Eugenio Arima, The University of Texas; Avery Cohn; Leah K VanWey, Brown University

4244. The Housing Question Revisited I: Predatory Planning, Scandalous Politics, Disaster Capitalism

Room: Conference Room B, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Gordon MacLeod, University of Durham;

Henrik Gutzon Larsen, University of Aalborg

CHAIR(S): Tom Slater, University of Edinburgh

Introducer: Tom Slater

- 10:05** Eric Clark*, Lund University; Anders Lund Hansen*, Lund University, *'Habitation versus Improvement': housing and the landed developer juggernaut.*

- 10:22** Christopher Herring*, UC Berkeley Sociology, *The Housing Question of New Orleans: Rebuilding New Orleans on the Tenets of an Ownership Society.*

- 10:39** Emily Rosenman*, University of British Columbia, *Maximum feasible uncertainty: (Un)official statistics and the re-framing of debates over urban residential land use.*

- 10:56** Nicholas Dahmann*, University of Southern California, *Renting from Finance Capital and the Amortization of the Future: The Contemporaneity of "The Housing Question".*

- 11:13** Jeff Crump*, Housing Studies Program, University of Minnesota, *The Scandalous Alleys of Capitalism: Engels and the Housing Crisis in the United States.*

4245. Geography of Wine: Aspects of Terroir in Old World/New World Wine Regions (Sponsored by Wine Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Gregory Jones, Southern Oregon University

CHAIR(S): Denyse Lemaire, Rowan University

- 10:00** Scott Burns*, Portland State University; Sunny Simpkins, Portland State University; Matt Brown, Portland State University, *Terroir of the Helvetia Winery, Oregon: Influence of Fragipans and Pisolithes.*

- 10:20** Percy H Dougherty*, Kutztown University of Pennsylvania, *Tannat Finds a New Home in Uruguay.*

- 10:40** Rosalyn F. MacCracken, Ph.D.*, George Mason University, *Climate-Viticulture Characterizations of Eastern United States - A New Climate Index, the Modified-GSTavg.*

- 11:00** Gregory Jones*, Southern Oregon University, *Mapping Frost Risk and the Frost-Free Period in Viticultural Regions in the Western United States.*

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- 4246. Animal Geographies II: Bodies in Motion: Animality, Movement, and the Human-Animal Relationship (Sponsored by Graduate Student Affinity Group, Cultural Geography Specialty Group, Animal Geography Specialty Group)**
Room: Conference Room D, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Sharon Adams, University of Texas Austin
 CHAIR(S): Sharon Adams, University of Texas Austin
 10:00 Kayla M. Yurco*, Pennsylvania State University, *'New' spaces for wildlife: Modified landscapes of conservation and pastoralism in central Kenya.*
 10:20 Nathan Jared Clay*, Penn State University, *Human-animal Landscapes and Livelihoods in Congo Basin Forests.*
 10:40 Radhika Govindran*, Yale University, *Pigs Gone Wild: The Production of Wildness and Human-Wildlife Conflict in Modern India.*
 11:00 Sharon Adams*, University of Texas Austin, *Resident Population? Jaguars In Place, Out of Place and on the Margin in the U.S.-Mexico Borderlands.*
- 4247. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Perspectives and Visions (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)**
Room: Conference Room E, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Shaowen Wang, University of Illinois at Urbana-Champaign; Michael Goodchild, University of California - Santa Barbara
 CHAIR(S): Shaowen Wang, University of Illinois at Urbana-Champaign
 Discussant(s): Dawn Wright, Esri
 Panelists: E. Lynn Usery, U.S. Geological Survey
- 4248. Mapping Cyberspace and Social Networks II (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Ick Hoi Kim, San Diego State University; Ming-Hsiang Tsou, San Diego State University
 CHAIR(S): Sarah Wandersee, SDSU Geography
 10:00 André Skupin*, San Diego State University; Joseph Biberstine, Indiana University; Katy Börner, Indiana University, *Visualizing the Topical Structure of the Medical Sciences: A Self-Organizing Map Approach.*
 10:20 Deana Pennington, Ph.D.*, University of Texas at El Paso, *The Virtual Learning Commons.*
 10:40 Peng Gao*, University at Buffalo; Ling Bian, University at Buffalo, *Impact of Cluster Structure on Disease Transmission Networks.*
 11:00 Li An*, San Diego State University; Sarah Wandersee, San Diego State University; Ming-Tsiang Tsou, San Diego State University; Dipak K. Gupta, San Diego State University; Brian Spitzberg, San Diego State University; Jean Mark Gawron, San Diego State University, *Who Is Concerned about Climate Change? Evidence from Space-Time Analysis.*
- 4250. Healthcare Workforce Geography (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Health and Medical Geography Specialty Group)**
Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Imam Xierali, Robert Graham Center
 CHAIR(S): Imam Xierali, Robert Graham Center
 10:00 Lan Mu*, University of Georgia, *Modified Peano Curve Algorithm for Spatial Clustering of Health Events.*
 10:20 Ellen Cromley*, Department of Community Medicine, University of Connecticut School of Medicine; Blair T. Johnson, PhD, Center for Health, Intervention, and Prevention, University of Connecticut; Michelle R. Warren, Center for Health, Intervention, and Prevention, University of Connecticut, *Spatial Meta-analysis of Behavioral Interventions to Prevent HIV/AIDS in Africa.*
 10:40 Robert M Leddy*, U.S. Bureau of the Census, *Subnational Population Estimates in a GIS as a Tool for Responding to Global HIV/AIDS.*
 11:00 Jie Tian*, Georgia Southern University; Wei Tu, Georgia Southern University; Xiaoning Guo, University of Illinois at Urbana-Champaign, *A Spatial-Temporal Analysis of Low Birth Weight in the State of Georgia (1994-2009).*
 11:20 Imam Xierali*, Robert Graham Center, *The Characteristics and Distribution of Chinese Medical Graduates in the US.*
- 4251. Commodifying the Underground: The Making of Mineral and Hydrocarbon Commodities II (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)**
Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Matthew Himley, Illinois State University; Elvin Delgado, Syracuse University
 CHAIR(S): Elvin Delgado, Syracuse University
 Introducer: Elvin Delgado
 10:05 Ben Marley*, Syracuse university, *Removing Mountaintops in the Mountaineer State: Spaces of Accumulation are Spaces of Contestation.*
 10:25 Timothy B Norris, PhD Candidate*, UC Santa Cruz, *Mining and Conservation in the Cordillera Huayhuash: Commodification across vertical boundaries in the Peruvian Andes.*
 10:45 Veronica Davidov*, Leiden University College The Hague, *Copper and Flora: Dominant Materialities, Subsoil Extraction, and Ecosystem Integrity in Ecuadorian Highlands.*
 11:05 Jessica Budds*, The Open University, *Neoliberalising socio-natures: the production of copper in the southern Peruvian Andes.*
- 4252. Markets And Militaries II (Sponsored by Political Geography Specialty Group, Economic Geography Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University of Toronto
 CHAIR(S): Jennifer Hyndman, York University
 10:00 Geoff Mann*, Simon Fraser University, *War for Equilibrium.*
 10:20 Emily Gilbert*, University of Toronto, *Money as 'Ammunition': Economics and Counterinsurgency.*
 10:40 Carolyn Gallaher*, American University, *The 'moral' universe of private military contracting.*
 11:00 Tyler Wall*, Eastern Kentucky University, *Control Optics & Vertical Policing: Aerial Drones and the Spatial Politics of "Homeland Security".*
 11:20 Zoltán Glück*, CUNY Graduate Center, Department of Anthropology, *The Production of Security Space: Capital, Circulation and Piracy in the Gulf of Aden.*
- 4253. Land Use Conflicts II: Rural-Urban Contention (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Urban Geography Specialty Group)**
Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Donald Leffers, York University; Gerda R Wekerle, York University
 CHAIR(S): Donald Leffers, York University
 10:00 Colleen C Hiner*, UC Davis, *Contested ecologies and "defining moments": Examining the spectrum of (in) visibility in land use decision-making along the rural-urban interface.*

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10:20 Marguerite Andrews*, Rutgers University, *Maine's contested snowmobile commons: Fading public rights to private land.*

10:40 Adam Greer, B.A., M.A. Candidate*, Trent University; Stephen Hill, B.Sc., B.A., Ph.D., Trent University; James Knott, Trent University and Sustainable Peterborough, *Conflicts over wind energy development in Ontario.*

11:00 Ioan Ianos*, University of Bucharest - Interdisciplinary Center for Advanced Researches on territorial Dynamics; Igor Sirodoev, University of Bucharest - Interdisciplinary Center for Advanced Researches on Territorial Dynamics, *Land-use conflicts in post-socialist countries.*

11:20 Yuan Xiao*, Massachusetts Institute of Technology, *Building a "New Socialists Countryside"? - Land Conversion and Conflicts in Rural China.*

4254. GIS Specialty Group Honors Student Paper Competition (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Daniel Goldberg, University of Southern California

CHAIR(S): Daniel Goldberg, University of Southern California

10:00 Song Shu*, Department of Geography, East China Normal University, *Object-based spatial cluster analysis of urban landscape pattern using nighttime light satellite images: a case study of China.*

10:20 Jing Gao*, University of Wisconsin - Madison, *Decomposition of Errors in Data-driven Land Cover / Land Use Change Modeling and the Bias-Variance Dilemma.*

10:40 Caglar Koylu*, University of South Carolina, *Smoothing Locational Measures in Spatial Interaction Networks.*

11:00 Ick Hoi Kim*, San Diego State University, *Understanding Residential Segregation Patterns through a Web-Based Parallel Agent-Based Model.*

11:20 Jiue-An J Yang*, San Diego State University, *Responding to and Planning for Extreme Events: Connecting Environmental Modeling, Community and Social Media.*

4256. Geographies of Financialization II

Room: Central Park East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Jane Pollard, University of Newcastle Upon Tyne; Susan M. Christopherson, Cornell University

CHAIR(S): Jane Pollard, University of Newcastle Upon Tyne

10:00 Stacey Coppock*, University of Nottingham, *Financializing the subject? Exploring the everyday financial engagement of households in rural England.*

10:20 Katharine Rankin*, University of Toronto, *A Critical Geography of Poverty Finance.*

10:40 Michael Pryke*, open university; Karel Williams, MBS; Julie Froud, MBS; Ismail Ertürk, MBS; Michael Moran, University of Manchester; Adam Leaver, MBS; Sukhdev Johal, Royal Holloway, *Confronting a City of Finance: laying bare and challenging the influence of a 'City State'.*

11:00 David Bassens*, Ghent University; Ewald Engelen, University of Amsterdam; Ben Derudder, Ghent University; Frank Witlox, Ghent University, *Securitization across Borders: Organizational Mimicry in Islamic Finance.*

Discussant(s): Paul Langley, University of York

4257. Spectacular Cities: Sites, Sights and Competing Narratives of Urban Remaking

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Cecilia Chu, University of California, Berkeley; Romola Sanyal, Newcastle University

CHAIR(S): Romola Sanyal, Newcastle University

10:00 Stefan Al*, The University of Hong Kong, *The Strip: Las Vegas and the Ruination of Spectacle.*

10:20 Saima Akhtar*, UC Berkeley, *Imported to Detroit: Muslim Imaginaries in the Making of Urban Spectacle.*

10:40 Cecilia Chu*, University of California, Berkeley, *Unbuilding Cities: Demolition, Ruins and Narratives of the Present Past.*

11:00 Hendrik Tieben, DSc ETH Zurich*, School of Architecture, The Chinese University of Hong Kong, *Competing Memories - Re-examination of the Term "Collective Memories" and its Use in the Recent Heritage Debate.*

11:20 Kah Wee Lee*, UC Berkeley, *Experts in the making: Slot Technology and the Rise of Numbers, Las Vegas, 1950s-1990s.*

4258. Ten Years of Global Production Networks (GPN) Research: Prospects and Future Directions 1 (Sponsored by Economic Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Martin Hess, University of Manchester; Henry Yeung, National University of Singapore

CHAIR(S): Neil M. Coe, University of Manchester

10:00 Adrian Smith*, Queen Mary, University of London, *The State, Institutional Frameworks and the Dynamics of Capital in Global Production Networks.*

10:20 Stefano Ponte, Senior Researcher*, Danish Institute for International Studies, *Governance in Global Value Chains and Production Networks: Towards a Common Approach?.*

10:40 David Waite*, University of St Andrews, *Placing City-regions within GPNs: Absorptive capacity as a conceptual addition.*

11:00 Keith Barney, Ph.D. Geography*, *GPNs and Political Ecology: Bridging Networks and Place-Based Territorial Processes in the Southeast Asian Plantation Sector.*

11:20 Hui-Jiun Tseng*, National Taiwan University, *Global Environmental Regulations, Governance in Production Networks, and the Emerging Structures: A Case Study in Taiwan TFT-LCD Industry.*

4259. The Role of Community Land Trusts in Sustainable Community Planning and Development

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Susannah Bunce, University of Toronto; Yesim Sungu, University of Pittsburgh

CHAIR(S): Yesim Sungu, University of Pittsburgh

10:00 Mia White*, MIT; Diane Davis, Professor, Political Sociology, MIT, *Community Land Trusts as a Means for Urban Poverty Alleviation: Can Collective Property Rights be the Key to a Socially Sustainable and Inclusive Urban Future?.*

10:20 Yesim Sungu Eryilmaz, PhD; Emily E Earle*, Tufts University Urban + Environmental Policy + Planning Program, *Does the Institutional Framework Matter in the Governance of Community Land Trusts?.*

10:40 Susannah Bunce*, University of Toronto, *Planning for Community Land Trusts: A Case Study of the East London Community Land Trust.*

11:00 Brian Stromberg*, Rutgers University, *Community land trusts: From a movement to a model.*

Discussant(s): James DeFilippis, Rutgers University

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- Room:** *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Lauren Brinkley-Rubinstein, Vanderbilt University
10:00 Thomas Ludden*, UNC Charlotte; Laura Simmons, UNC Charlotte; Owen Furuseth, UNC Charlotte; Heather Smith, UNC Charlotte; Michael Dulin, Carolinas Healthcare System; Brisa Urquieta de Hernandez, Carolinas Healthcare System, *A Transdisciplinary Approach to the Evaluation of Social Determinants of Health*.
10:20 Brandon Cramer*, University of Connecticut; Jeffrey Osleeb, PhD, University of Connecticut, *Examining Spatial Disparities in Life Expectancy Between Cities and Towns in Connecticut*.
10:40 Lauren Brinkley-Rubinstein*, Vanderbilt University, *Exploring the Relationship between Incarceration Discharge Policies and Community Health*.
11:00 Christelle R. Gramaglia, Dr.*, Cemagref, *Sentinel organisms and the mapping of river pollution*.

4261. Challenges of Qualitative Methods in "Illiberal" Contexts 2 (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Cultural Geography Specialty Group)

- Room:** *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Natalie Koch, U of Colorado, Boulder
 CHAIR(S): R. Tina Catania
 Introducer: Natalie Koch
 Panelists: Lisa Bhungalia, Syracuse University; Iddrisu Adam, University of Wisconsin - Marshfield Campus; Grigory Ioffe, Radford University; Megan Dixon, College of Idaho; Jamie Gillen, National University of Singapore

4262. Urbanization, Land Use, and Regional Development in China II (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

- Room:** *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Yehua Wei, University of Utah; Xinyue Ye, Bowling Green State University
 CHAIR(S): Peilei Fan, Michigan State University
10:00 Peilei Fan*, Michigan State University; Wenzhe Yue, Zhejiang University; Huiqing Huang, Michigan State University, *Urban expansion, landscape pattern, and land conversion in a transitional economy: the case of Shanghai*.
10:20 Ling Zhang*, University of Utah; Yehua Dennis Wei, Dr., University of Utah, *Spatial-Temporal Analysis of Urban Expansion and Land Use Changes in Suzhou, China*.
10:40 Yueming Zhang*, Clark University, *Institutionally Produced Land Development in China's Expanding Cities: A Case Study of Beijing, 2002-2008*.
11:00 Xinzhen Zhao*, Department of Geography, University of Lethbridge, Lethbridge, Alberta, CA, *Globalization and the Changing Urban Network System Change of Yangtze River Delta, China*.
11:20 Danlin Yu*, Montclair State University, *Simulating and predicting the dynamics of Shanghai's public safety - a system dynamics perspective*.

4263. Rethinking race, class, and capital in urban transformation: The shifting role of the state in urban change (Sponsored by Socialist and Critical Geography Specialty Group)

- Room:** *Liberty I, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Lindsey Dillon, UC Berkeley
 CHAIR(S): Catherine Guimond, University of California, Berkeley
10:00 William Sites*, University of Chicago, *Race and the Historical Modalities of U.S. Capitalist Regulation:*

Rethinking Liberal, Fordist and Neoliberal Regimes.

- 10:15** Catherine Guimond*, University of California, Berkeley, *Renewal in a gentrifying city: raced and classed real estate in the Bronx*.
10:30 Jennifer Kopf, PhD*, *Against the Tide: Black Immigration to Tampa, Florida in the "Great Migration" Era*.
10:45 Lauren Hansen*, *Big Construction, Big Opening, Big Development: Liberalism and Legitimacy on China's New Silk Road*.
 Discussant(s): Lindsey Dillon, UC Berkeley

4264. A TCLab Session: Industrial policy under the radar?

- Room:** *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Neil Lee, London School of Economics; Luciana Pereira, Federal University of ABC
 CHAIR(S): Smita Srinivas
10:00 Neil Lee*, London School of Economics, *Industrial policy in the post-recession UK*.
10:20 Smita Srinivas, Columbia University, TCLab and Urban Planning; Qianqi Shen*, Rutgers University, Bloustein School of Planning and Public Policy, *How special are the industrial policies of Special Economic Zones in China and India?*.
10:40 Luciana Pereira*, Federal University of ABC, *The Brazilian state activism with open economy industrial policy*.
11:00 Smita Srinivas, Ph.D.*, Columbia University, *How special are the industrial policies of Special Economic Zones in China and India?*.

4265. Coastal Geomorphology and Management II (Sponsored by Coastal and Marine Specialty Group, Geomorphology Specialty Group)

- Room:** *Liberty 3, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Brandon Edwards, Louisiana State University; Jean Ellis, University of South Carolina
 CHAIR(S): Brandon Edwards, Louisiana State University
10:00 Shuvankar Ghosh*, Graduate Research Assistant, Department of Geoscience, Mississippi State University; Deepak Mishra, Assistant Professor, Department of Geoscience, Mississippi State University; Anatoly Gitelson, Professor, School of Natural Resources, University of Nebraska-Lincoln; Denise J. Reed, Professor, Department of Earth and Environmental Sciences, University of New Orleans; Christopher G. Downs, Student, Department of Geoscience, Mississippi State University, *Remote estimation of Gulf Coast Salt marsh biophysical parameters*.
10:20 Danika Van Proosdij, PhD*, Saint Mary's University; Casey O'Laughlin, MSc, Saint Mary's University; Emma Poiried, Saint Mary's University, *Factors Influencing Sediment Deposition in a Hyper-intertidal Ecosystem*.
10:40 Jean Taylor Ellis*, University of South Carolina; Roberta Swann, Mobile Bay National Estuary Program; Joseph Spruce, Computer Science Corporation; James Smoot, Computer Science Corporation, *Conservation and Restoration Efforts in Coastal Alabama*.
11:00 Brandon L Edwards*, Louisiana State University; DeWitt Braud, Louisiana State University; Richard F Keim, Louisiana State University Agcenter; Gary P Shaffer, Southeastern Louisiana University, *Classification of cypress-tupelo forested wetlands in coastal Louisiana*.
11:20 Diane P Horn*, Birkbeck College, University of London; Tom E Baldock, School of Engineering, University of Queensland; Ling Li, School of Engineering, University of Queensland, *Measurement and modelling of beach profile evolution under controlled beach groundwater levels*.

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4266. Towards a Feminist Framework on Resource Extraction (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: *Liberty 4, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Joni Seager, Bentley University; Jill Schneiderman, Vassar College
 CHAIR(S): Joni Seager, Bentley University
 Panelists: Joni Seager, Bentley University; Jill Schneiderman, Vassar College; Jacque (Jody) Emel, Clark University; Anna Zalik, Joyce Barry, Hamilton College; Padini Nirmal, Clark University

4267. Environmental Change and Human Adaptation on the Tibetan Plateau: I. Paleo glaciations (Sponsored by Paleoenvironmental Change Specialty Group, Cryosphere Specialty Group, Geomorphology Specialty Group)

Room: *Liberty 5, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Yingkui Li, University of Tennessee; Chaolu Yi, Institute of Tibetan Plateau Research, Chinese Academy of Sciences
 CHAIR(S): Yingkui Li, University of Tennessee
 10:00 Ping Fu, Purdue University and Stockholm University; Jonathan Harbor*, Purdue University; Arjen P Stroeven, Stockholm University; Clas Hättestrand, Stockholm University; Jakob Heyman, Purdue University; Liping Zhou, Peking University; Marc Caffee, Purdue University, *The glacial history of the Shaluli Shan area, southeastern Tibetan Plateau.*
 10:20 Guocheng Dong*, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, *Cosmogenic radionuclide dating of glacial landforms in the north slope of Western part of Nyainqentanglha Mountains: defining the timing of Quaternary glaciations.*
 10:40 Jakob Heyman*, Department of Earth and Atmospheric Sciences, Purdue University, *Tibetan Plateau palaeoglaciology - exposure ages, glacier altitudes, and palaeoclimate.*
 11:00 Yixin Chen*, College of Urban and Environmental Sciences, Peking University; Gengnian Liu, College of Urban and Environmental Sciences, Peking University; Yingkui Li, Department of Geography, University of Tennessee; Mei Zhang, College of Urban and Environmental Sciences, Peking University; Chuanchuan Li, College of Urban and Environmental Sciences, Peking University, *OSL constrains of MIS3 glacial advance in Karlik, easternmost part of Tian Shan.*
 11:20 Chaolu Yi*, Institute of Tibetan Plateau Research, Chinese Academy of Sciences; Yao Jin, Institute of Tibetan Plateau Research, CAS; Bin Liu, Institute of Tibetan Plateau Research, CAS, *Moraine scale and precipitation information in the Qilianshan Mountains.*

4268. Public Spaces

Room: *New York Ballroom East, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Michail Galanakis, University of Helsinki
 10:00 Noah Sager*, Chicago State University, *Private Places in Public Spaces: An Examination of Public Restroom Access in Downtown Chicago.*
 10:20 Sandra Schmidt*, Teachers College, Columbia University, *Architecture of Democracy, Space of Incivility.*
 10:40 Michael Worboys, Dr*, University of Maine; Liping Yang, University of Maine, *Is there a geography of indoor space?.*
 11:00 Ronald Davidson*, California State University, Northridge, *Seeking Harmony in Self and Nation: Public Space in Tokyo, Japan.*
 11:20 Michail Galanakis, Postdoctoral Researcher*, University

of Helsinki, *21st Century Agoras - Intercultural Public Spaces in Toronto.*

4269. Feminist Politics and Practice in Economic Geography I

Room: *New York Ballroom West, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Kendra Strauss, University of Glasgow; Kate Derickson, Georgia State University
 CHAIR(S): Wendy Lerner, University of Bristol
 Discussant(s): Geraldine Pratt, University of British Columbia
 Panelists: Beverley Mullings, Queen's University; Linda McDowell, University of Oxford; Jamie Peck, University of British Columbia; Susan Hanson, Clark University

4270. Cognition, Behavior, Representation, V: Cognition and Movements in Real and Virtual Spaces (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)

Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Scott Bell, University of Saskatchewan
 CHAIR(S): Amy L. Griffin, University of New South Wales-ADFA
 10:00 Yu Luo*, University of Georgia; Andrea Presotto, University of Georgia; Lan Mu, University of Georgia, *Exploratory visualization of the spatial-temporal movement pattern of black Capuchin monkeys.*
 10:20 Rui Li*, The Pennsylvania State University; Alexander Klippel, The Pennsylvania State University; Lynn S. Liben, The Pennsylvania State University; Adam E. Christensen, The Pennsylvania State University, *Indoor Spatial Awareness: Impacts of Environmental Qualities, Individual Differences, and Mobility.*
 10:40 Britta Ricker Peters, MSc*, Simon Fraser University; Nick Hedley, PhD, Simon Fraser University, *A conceptual framework to accommodate negotiated geographic learning with mobile devices.*
 11:00 Paddington Hodza*, University of Colorado, Colorado Springs, *Geocognition in immersive geovisualization environments.*
 11:20 Marcella Schmidt*, Università di Milano-Bicocca, *Getting lost: Spatial cognition and disorientation.*

4271. Gail Hobbs Student Paper Competition 1 (Sponsored by Geography Education Specialty Group)

Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Herschel Stern, Miracosta College
 CHAIR(S): Herschel Stern, Miracosta College
 10:00 Brian Grabbatin*, University of Kentucky; Amanda Fickey, University of Kentucky, *Experiential service-learning: critical traditions and geographic pedagogy.*
 10:13 Kanika Verma*, Texas State University, *Ethnicity and Spatial Thinking.*
 10:26 Jung Eun Hong*, University of Colorado at Boulder, *Developing web-based GIS training tutorials of the teachers, by the teachers, for the teachers.*
 10:39 Andrei L. Israel*, The Pennsylvania State University, *Experiential Learning in General Education Physical Geography: Assessing Student Experience.*
 10:52 Forrest J. Bowlick*, University of Idaho, *Student Perceptions of Geography: A Pre and Post Course Survey.*
 11:05 Larianne Collins*, University of South Carolina; Sarah E Battersby, PhD, University of South Carolina, *Evaluation of Map Projection Instruction in Textbooks.*
 Discussant(s): Sandra Metoyer, Texas A&M University

MONDAY, FEBRUARY 27 • 10:00 AM - 11:40 AM • 4200**4272. Geographies of water sharing: II (Sponsored by Water Resources Specialty Group)***Room:* Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge; Henning Bjornlund, University of Lethbridge/University of South Australia

CHAIR(S): Wei Xu, University of Lethbridge

10:00 Thomas RR Johnston*, University of Lethbridge, *An Assessment of Alberta's Framework for the Reallocation of Water Resources.***10:20** Britt Crow*, University of California, Los Angeles, *Water and Development in 21st Century China: The Case of the South-North Water Transfer Project.***10:40** Erin Smith*, The University of Sydney, *Market-Based Instruments and Farm Adjustment for the Management of Australian Water Resources.***11:00** Cynthia Morinville*, Institute for Resource, Environment, and Sustainability, *Virtual Pipes: Water Access in Informal Settlements of Accra, Ghana.***11:20** Henning Bjornlund*, University of Lethbridge and University of South Australia; Xu Wei, University of Lethbridge; Zuo Alec, University of South Australia; Wheeler Sarah, University of South Australia, *Place-contingent policy preferences for sharing scarce water resources - Insights from Alberta, Canada.***4273. Water under a Changing Climate in Peru: Coupled Natural and Social Dynamics (Sponsored by Human Dimensions of Global Change Specialty Group, Cryosphere Specialty Group, Development Geographies Specialty Group)***Room:* Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jeffrey Bury, University of California, Santa Cruz; Bryan G Mark, The Ohio State University

CHAIR(S): Jeffrey Bury, University of California, Santa Cruz

10:00 Bryan G Mark*, The Ohio State University; Michel Baraer, Ph.D. Candidate, McGill University; Jeffrey McKenzie, Assistant Professor, McGill University; Kyung In Huh, Ph.D. Candidate, The Ohio State University, *Diagnosing a Threshold in Glacier Melt Impact to Steamflow in Peru.***10:20** Kenneth R. Young*, University of Texas at Austin, *Linking Biogeography to Watershed-Scale Processes: Implications for the High Andes.***10:40** Jeffrey Bury*, University of California, Santa Cruz, *The Paradox of Peruvian Hydraulic Politics: Climate Change and the Political Economy of Coupled Natural and Human Dynamics.***11:00** Jamie Shinn*, Penn State University, *Intersections of Environmental Variability and Natural Resource Access in the Okavango Delta, Botswana.***4274. Contested ecologies of post-industrial urban landscapes, part 2***Room:* Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jennifer Foster, York University; L Anders Sandberg, York University

CHAIR(S): L Anders Sandberg, York University

10:00 Joern Langhorst*, University of Colorado Denver, College of Architecture and Planning, *Re-Presenting Transgressive Ecologies: Post-Industrial Sites as Simultaneous Ruins and Contested Terrains.***10:20** Brent Olson*, George Washington University, *"All the trees are gone and the river was completely destroyed:" The shifting ecologies of the Old Mill District, Bend, Oregon.***10:40** Sevin Yildiz, PhD Candidate*, Rutgers-NJIT-UMDNJ Urban Systems Program, *Comeback Estuaries from an Industrial Past: New Jersey Meadowlands and Istanbul Kucukcekmece Lagoon.***11:00** Brenda Kayzar*, University of Minnesota, *Industrial Legacies: Toxic Patina or Urban Chic?.*

Discussant(s): Jennifer Foster, York University

4275. Agriculture, Forestry and Land Use Change*Room:* Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Braza, University of Maryland

10:00 Pao Vue*, University of Wisconsin-Madison, *From Swiddens to Rubber Plantations: The Role of Long Distance Social Networks, Roads, and Telephones in the Transformation of Hmong Agricultural Geographies in Laos.***10:20** Joshua Martin Rudow, M.A.*, University of Texas-Austin Department of Geography, *Born to Run and Farm: The Agricultural Tactics of the Tarahumara in Chihuahua, Mexico.***10:40** Marcos A. Pedlowski, Marcos Pedlowski*, Universidade Estadual do Norte Fluminense; Filipe Correia Duarte, Universidade Estadual do Norte Fluminense; Vinicius Rocha Leite, Universidade Estadual do Norte Fluminense, *Landscape change associated to monoculture tree plantations in northwest Rio de Janeiro state, Brazil.***11:00** Chuyuan Wang*, Kansas State University; Marcellus M. Caldas, Kansas State University, *Fragment Patterns and Land Reform Settlements: Evidence from the Transamazon Highway and Souther Pará.***11:20** Mark Braza*, University of Maryland, *The Impact of Conservation Easements on the Pace of Grassland Conversion.***4276. Agrarian Change II: Critical Geographies of Land, Social Mobilization, and Agrarian Political Economy (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)***Room:* Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Alejandro Camargo, Syracuse University

CHAIR(S): Adrienne Johnson, Clark University

10:00 Robin Roth*, York University, *Contradictory Commodities - conservation induced agrarian change in Northern Thailand.***10:20** Alejandro Camargo*, Syracuse University, *Rights to Land/ Rights to Water: Wetland Conservation, Social Conflicts, and Agrarian Change in the Colombian Caribbean.***10:40** Anne-Marie Debbane*, San Diego State University, *Beyond Land Reform: Agrarian restructuring and the crisis of social reproduction in the Ceres Valley, South Africa.***11:00** Easter Chigumira*, University of Oregon, *Keeping up with the Fast Track: The Impacts of Zimbabwe's Land Reform Program on Rural Livelihoods and the Natural*

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Environment in the Kadoma District.

- 11:20** Leslie Gray*, Santa Clara University, *Agrarian Change Trajectories in Burkina Faso: Livelihood Transitions and Rural Socio-economic Differentiation.*

4277. Accessibility and Social Inclusion (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Antonio Paez

CHAIR(S): Antonio Paez

- 10:00** Michael Smart*, University of California - Los Angeles; Nicholas J Klein, Rutgers University, *Travel in Queer Neighborhoods.*

- 10:20** Galit Cohen-Blankshtain*, The Hebrew University; Feitelson Eran, Geography Department, The Hebrew University, *Public Transport in Jerusalem: Planning for Whom?.*

- 10:40** Daniel Block*, Chicago State University, *Food Access, Race, Policy, and Activism in Chicago and the Suburbs: Progress or Regression in the Age of Emmanuel and Obama.*

- 11:00** Hyun-Jin Seo, Kyungpook National University; Byong-Woon Jun*, Kyungpook National University, *Environmental Justice Analysis of the Accessibility to Urban Neighborhood Parks.*

- 11:20** Karen Lucas, Dr*, TSU, University of Oxford, *A Critical Assessment of Accessibility Planning for Social Inclusion.*

4278. ISO Guidelines on Social Responsibility: What Geographers Can Add to the Discussion (Sponsored by Private/Public Affinity Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Sharon M. Meagher, The University of Scranton

CHAIR(S): Sharon M. Meagher, The University of Scranton

Panelists: Sharon M. Meagher, The University of Scranton; Trina Hamilton, SUNY - Buffalo; Genevieve Parente; William Mangold, CUNY Graduate Center

4279. Sexualities on the Move 2: Spaces in Flux (Sponsored by Sexuality and Space Specialty Group)

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): John Paul Catungal, University of Toronto;

Nathaniel Lewis, Queen's University

CHAIR(S): Jen Giesekeing, CUNY Graduate Center

- 10:00** Joseph Nicholas Defilippis, MSW, Doctoral student*, *Queers for Economic Justice*; Ben Anderson-Nathe, PhD, Portland State University, *Institutions As Queer Space.*

- 10:20** John Paul Catungal*, University of Toronto, *"With people who look like me": sexual health promotion and the politics of racial affinity in global city Toronto.*

- 10:40** Julie Podmore*, John Abbott College, *Complicit Lesbian Geographies? Reading Québec's Gazette, 1993-1998.*

- 11:00** Rebecca Sheehan, PhD*, Oklahoma State University; Jacqueline Vadjunec, PhD, Oklahoma State University, *Roller Derby Geographies of Gender and Sexuality in the Bible Belt.*

4280. Historical Geography: Focus on Ireland

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Melissa J. Rura; Niall A Cunningham, University of Manchester

CHAIR(S): Niall A Cunningham, University of Manchester

- 10:00** Mary Kelly*, NUI Maynooth, *The Irishman banished by sheep and ox: Historical GIS and the expansion of grazing in mid-nineteenth century Ireland.*

- 10:20** Ian Shuttleworth*, School of GAP; Ian Gregory, Department of History, University of Lancaster; Niall Cunningham, Research Associate in Quantitative Analyses of Social and Cultural Participation, CRESC, University of Manchester, *Mapping the Presbyterian Church in Ireland 1871-2001: Perspectives from church records.*

- 10:40** Ian Gregory*, Lancaster University, *Long-term religious change in Ireland: A GIS analysis.*

- 11:00** Kieran Rankin*, Trinity College Dublin, *Official political geographies of post-partition Ireland: The influence of the North East Boundary Bureau, 1922-1925.*

- 11:20** Niall A Cunningham*, University of Manchester, *'Israel or Insula Sacra? Religious Geography and Political Deaths during the Northern Ireland Conflict, 1969 - 2001'.*

4281. Uneven Resource Landscapes: Natural Gas Exploitation as the Production of Space (Sponsored by Energy and Environment Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Alex Peimer

CHAIR(S): John G Hintz, Bloomsburg University of Pennsylvania

- 10:00** Chetan Tiwari*, University of North Texas; Joseph Oppong, University of North Texas, *Assessing the Spatial Distribution of Gas Well Drilling in North Texas: A Case Study of Denton County.*

- 10:20** Brian W. Okey, PhD*, Indiana University of Pennsylvania; Nathan R. McElroy, PhD, Indiana University of Pennsylvania; Robert J. Cerrato, MS candidate, Indiana University of Pennsylvania, *Monitoring Marcellus: Assessing the Quality of a Public Water Source Exposed to Shale Gas Development.*

- 10:40** John G Hintz*, Bloomsburg University of Pennsylvania, *Gas Springs Eternal: Talk Radio in Pennsylvania's Marcellus Shale Region.*

- 11:00** Alex Peimer, M.A. student*, Department of Geography, Kent State University, *Here, There and Everywhere: Hydrofracking in New York State.*

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4333. Geography and Sustainable Development (International Finance and Economics Special Session Track)

Room: Trianon Ballroom, Hilton, Third Floor

Organized by: Association of American Geographers

Introduction: Juha Uitto, UN Development Programme

Jeffrey Sachs, Director, Earth Institute at Columbia University

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11:50 a.m. - 12:30 p.m.

4312. Geographies of Food and Agriculture Specialty Group Business Meeting

Room: Gramercy Suite A, Hilton, Second Floor

4345. Wine Specialty Group Business Meeting

Room: Conference Room C, Sheraton, Lower Level

4358. Economic Geography Specialty Group Business Meeting

Room: Empire Ballroom East, Sheraton, Second Floor

4367. Paleoenvironmental Change Specialty Group Business Meeting

Room: Liberty 5, Sheraton, Third Floor

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4401. Spacing the Arts I: Exploring Geographies of Public Art from Within

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

CHAIR(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

12:40 joni m palmer*, University of Colorado at Boulder, *The Embodied Public Processes of the Production of Public Art.*

1:00 Emma Arnold*, Institute for Art & Environment, *Geographies of Street Art: Created for and by the Public.*

1:20 Pauline Guinard*, University of Paris Ouest Nanterre, *Public Art through Time: The Case of the Carl von Brandis Statue in the Inner City of Johannesburg.*

1:40 Felicia Low*, National university of singapore, *Engagement as Public Art in the Singapore Art Scene.*

2:00 Martin Zebracki*, Utrecht University & Wageningen University, The Netherlands, *Engaging Geographies of Public Art: The Case of Paul McCarthy's 'Butt Plug Gnome' in Rotterdam.*

4402. Mediterraneans: The Making and Unmaking of the Spatial Imagination of the Middle Seas: Part II -- Contemporary Conflicts (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, European Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Philip Steinberg, Florida State University; Claudio Minca, Wageningen University

CHAIR(S): Paolo Giaccaria, University of Torino

12:40 Naor H Ben-Yehoyada*, Harvard University, *The Mediterranean Incarnate.*

1:00 Stephanie Wilbrand*, University of Girona, *"Geopolitics of Water in the Mediterranean. The north-south contrast in the perception of water issues."*

1:20 Pau Obrador Pons*, University of Sunderland, *The Mediterranean in the age of mass tourism.*

1:40 Filippo Celata*, University of Rome La Sapienza; Raffaella Coletti, University of Rome La Sapienza and CeSPI, *EUrope and its "other": narrations of the Mediterranean in the construction of a Euro-Mediterranean political space.*

2:00 Luiza Bialasiewicz, Associate Professor*, Department of European Studies, *Lines in the sand, lines in the sea: governing Mediterranean mobilities.*

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4403. Geography and Visuality: Rethinking the Gaze

Room: Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Nazanin Naraghi

CHAIR(S): Nazanin Naraghi

12:40 Jamison Miller*, Simon Fraser University, *Art, Photography, and the Gaze Exchanged: on Benjamin's Aura and Cultural Politics*.

1:00 Jen Giesekeing*, CUNY Graduate Center, *The Dyke Gayze: Reinterpreting LGBTQ Politics of Visibility through Lesbians' and Queer Women's Spaces and Experiences of Justice and Oppression in NYC, 1983-2008*.

1:20 Carla Lois*, Universidad de Buenos Aires - CONICET, *Visualizing "geographical common sense": a visual survey to examine imagined national geographies*.

1:40 Nazanin Naraghi*, Simon Fraser University, *The Psychoanalytic Gaze and the Aesthetics of the Real: Art and the Iranian Diaspora in Los Angeles*.

Discussant(s): Jennifer Fluri, Dartmouth

4404. Social Theory, Public Space, and Discourses of Persistence (Part of the Social Justice, Media, and Human Rights Special Session Track)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Cordelia Sand, University of Massachusetts

12:40 Momen El-Husseiny*, University of California, Berkeley, *The Antagonistic Democracy of the Egyptian Revolution*.

1:00 Kevin Surprise, Ph.D Student, Clark University*, Clark University; Kelly Kay, Ph.D Student, Clark University, *Clark University, Reclaiming Financial Space, Governing Spaces of Resistance: The Occupy Wall Street Movement as Detournment of Hypercapitalism*.

1:20 Alexander Krahmer*, Friedrich-Schiller-Universität Jena/ Germany, *"Right to the City" and the City in our head*.

1:40 Chad Newbrough Steacy*, University of Georgia, *Toward a Critical Geography of Decline of the North American Small Town*.

2:00 Cordelia Sand*, University of Massachusetts; Cordelia Sand, University of Massachusetts, *Evolution and Radical Affects in an Uncertain World*.

4405. Violence in Our City: The Geography of Violence and Its Spatial Influences (Part 1) (Part of the Social Justice, Media, and Human Rights Special Session Track, Military Geography Specialty Group, Health and Medical Geography Specialty Group)

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Melissa J. Rura; Robert Lipton, Beth Israel Deaconess Medical Center

CHAIR(S): Melissa J. Rura

12:40 Robert M. Kerr, Ph.D.*, US Air Force Culture and Language Center, *Human Security in a NE Baghdad Neighborhood*.

1:00 Samuel Frank*, The Graduate Center, CUNY, *Assessing Government Transparency in Implementing New York City's Lower Manhattan Security Initiative*.

1:20 Kevin Stofan*, *Assessing the Influence of Agricultural Production on the Taliban Insurgency: A Spatial and Temporal Lag Approach*.

1:40 Scott Ball*, Department of Geography and Planning, The University of Akron, *Iraq Violence 2004-2009: A Quantitative Spatial Description*.

2:00 Jacqueline A. Luke*, Kent State University, *United States Military Deaths 2000 - 2010: A Regional Analysis*.

4407. K-12 Geography Education: Key Public Policy Perspectives (Sponsored by Geography Education Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Panel Session)

ORGANIZER(S): John Wertman, Association of American Geographers

CHAIR(S): John Wertman, Association of American Geographers

12:40 John Wertman, Association of American Geographers

1:10 Daniel Edelson, National Geographic Society

1:25 Wendy R. Gellman, Office of U.S. Senator Kirsten Gillibrand

1:40 Minna R. Elias, Office of Congresswoman Carolyn Maloney

1:55 David Wakelyn, Office of Governor Andrew Cuomo

4408. Planetary Urbanization (part 1)

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): David Wachsmuth, New York University; Stuart Schrader

CHAIR(S): Neil Brenner, Harvard University, Graduate School of Design

12:40 Neil Brenner, Professor of Urban Theory*, Harvard University, Graduate School of Design, *Theses on the urbanization question*.

1:00 David Wachsmuth*, New York University, *The Dialectic of Town and Country*.

1:20 Hillary Angelo*, New York University, *The Urbanization of Experience*.

1:40 Stuart Schrader*, Program in American Studies, New York University, *The Rural Roots of Urban Insurgency*.

Discussant(s): David Madden

4410. Eolian Geomorphology and Other Airborne Sediments

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Houston C. Saunderson, Wilfrid Laurier

12:40 Lixin Wang*, University of Georgia; Christopher J Ploetz, University of Georgia; George A Brook, University of Georgia, *Evolutionary model of pan-lunette development in southwestern Africa*.

1:00 Dan G Blumberg, Prof*, Ben-Gurion University of the Negev; Yitshak August, Ben-Gurion University of the Negev; Raz Aviram, Ben-Gurion University of the Negev; Stanley R Rotman, Prof, Ben-Gurion University of the Negev, *Monitoring Dune Stability Through Radar Coherence*.

1:20 Itzhak Katra*, Department of Geography and Environmental Development, Ben-Gurion University of the Negev; Israel C Naveh, Department of Geography and Environmental Development, Ben-Gurion University of the Negev; Pua Bar, Department of Geography and Environmental Development, Ben-Gurion University of the Negev; Jonathan B Laronne, Department of Geography and Environmental Development, Ben-Gurion University of the Negev, *Variations in Aeolian Dust and PM10 Emission Patterns from a Semi-Arid Loess Soil*.

1:40 Houston C. Saunderson*, Wilfrid Laurier, *Computer Simulation of Eruption Column Collapse and Low-angle Fountaining*.

4411. (Im)Mobilities of Dwelling: Places and Practices 3 (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich; Silke Steets, Darmstadt University of Technology

CHAIR(S): Lars Meier, University of Munich

12:40 Molly K Varley*, Meredith College, *The Captive's Cabin: Indian Captive Dwelling as Sites of National Identity*.

1:00 Maja Lagerqvist, PhD*, Stockholm University, *Life at the*

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Cottage: Spending and Sharing Place and Time with Materiality and History.

1:20 Olivier Vallerand*, McGill University, *Living Pictures: Dragging the Home into the Gallery.*

1:40 Emily McKee*, Yale, *Dwelling Politically: Landscapes of Power in the Negev/Naqab.*

2:00 Nadia Giguere*, INRS-UCS, *Dwelling Inside, Outside and Elsewhere - Transitory Dwelling in a Shattering World.*

4412. Food in the City 1: Exploring Space, Place, and Taste

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Lenore L. Newman, University of the Fraser Valley

CHAIR(S): Lenore L. Newman, University of the Fraser Valley

12:40 Lenore L. Newman*, University of the Fraser Valley; Kaitlin Burnett*, University of Victoria, *Street food and vibrant urban spaces: Lessons from Portland, Oregon.*

1:00 Charles Z Levkoe, BAHon, MES, PhD(c)*, University of Toronto, *Propagating the Food Movement: Understanding Community Food Security Networks in Canada.*

1:20 Babette Audant*, City University of New York, *Revitalizing and redefining the "publics" in New York City's enclosed markets.*

1:40 David A. Szanto*, Concordia University, *The 'Main' Dish: The Food of Montreal's Boulevard St-Laurent.*

2:00 Jennifer L. Black*, University of British Columbia; Gwen Chapman, University of British Columbia; Alejandro Rojas, University of British Columbia; Sarah Carten, Vancouver Coastal Health; Lorena Mota, University of British Columbia, *Examining the Food Environment in Vancouver Schools: Lessons Learned from the Think&EatGreen@School Program.*

4413. Growing Community Economies Through Economic Solidarity: Local and Regional Development Perspectives

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Ethan Miller, Centre for Citizenship and Public Policy, University of Western Sydney; Olivia Geiger, University of Massachusetts Amherst

CHAIR(S): Ethan Miller, Centre for Citizenship and Public Policy, University of Western Sydney

12:40 Ethan Miller*, Centre for Citizenship and Public Policy, University of Western Sydney, *Connecting The Dots: From Community Economy to Solidarity Economy.*

12:55 Stephen Healy*, Worcester State University; Maliha Safri*, Drew University, *Mapping the Solidarity Economy with an Ethical Compass.*

1:10 Olivia Geiger*, University of Massachusetts Amherst, *A Diverse Economies Framework for Theorizing Linkages and Synergies.*

1:25 Ann Hill*, Australian National University, *Growing community food economies in the Philippines.*

1:40 Janelle Cornwell, PhD*, Worcester State University, *Co-operative Economic Development Strategies: Regional Alliance Building in New England USA.*

4414. New research on Indigenous place names: Connections and interrelationships (Sponsored by Cultural Geography Specialty Group, Cartography Specialty Group, Indigenous Peoples Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Margaret Pearce, University of Kansas

CHAIR(S): Margaret Pearce, University of Kansas

12:40 Thomas F Thornton*, University of Oxford, School of Geography and the Environment; Sarah Jones, University of Oxford, *Place Names and Biocultural Diversity: Exploring the Nexus.*

1:00 Margaret Pearce*, University of Kansas, *Translating the connections along with the sites: A place names*

collaboration with Penobscot Nation.

1:20 David M. Mark*, University at Buffalo; Andrew G. Turk, Murdoch University, Western Australia; Niclas Burenhult, Lund University, Sweden, & MPI Nijmegen, Netherlands; Carolyn O'Meara, Universidad Nacional Autónoma de México; David Stea, Center for Global Justice, México, *Relationships Among Culture, Generic Landscape Terms, and Toponyms.*

1:40 Claudio Aporta, Associate Professor*, Department of Sociology and Anthropology, Carleton University, *Points, lines and polygons: From Inuit wayfinding to the Google World.*

Discussant(s): Margaret Pearce, University of Kansas

4415. Optimizing your Curriculum Vitae (Sponsored by Biogeography Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Clayton Whitesides, Texas State University

CHAIR(S): Clayton Whitesides, Texas State University

Panelists: James Dietrich, Texas State University - San Marcos; Melanie B Stine, Texas State University-San Marcos; Justin Hart, University of Alabama; Arvind Bhuta, Department of Geography, Virginia Tech

4416. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies IV (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Elizabeth Mack, Arizona State University

CHAIR(S): Elizabeth Mack, Arizona State University

12:40 Pedro Costa*, ISCTE - Lisbon University Institute / DINAMIA'CET; Ricardo Lopes*, ISCTE - Lisbon University Institute / DINAMIA'CET, *Is Street Art Institutionalizable? The Case of Graffiti in Lisbon City Center.*

1:00 Lauren Andres*, University of Birmingham (UK), *The role of 'persistent resilience' in a context of austerity: the importance of networks and gatekeepers in sustaining creative communities.*

1:20 Ingrid H Garmann Johnsen*, Department of Working Life and Innovation, University of Agder, *What factors in urban milieus stimulate innovation and knowledge creation in cultural industries?.*

4417. Dendrochronology III: Dendroclimatology (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; Joshua Wixom, West Virginia University

CHAIR(S): Christopher Crawford

12:40 Stockton Maxwell*, The Pennsylvania State University; Amy E. Hessel, West Virginia University; Edward R. Cook, Lamont Doherty Earth Observatory; Brendan M. Buckley, Lamont Doherty Earth Observatory, *A multi-century reconstruction of May precipitation for the Mid-Atlantic Region using Juniperus virginiana tree rings.*

1:00 Christopher J. Crawford*, UMn Center for Dendrochronology, Department of Geography, University of Minnesota, *Do high-elevation northern red oak tree-rings share a common climate-driven growth signal?.*

1:20 Eric Allen*, Utah State University; Tammy Rittenour, Utah State University; Matthew Bekker, Brigham Young University; Justin DeRose, Utah State University; Brendan Buckley, Lamont-Doherty Earth Observatory, Columbia University; Roger Kjølsgren, Utah State University, *Reconstructed Flows of the Logan River,*

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Utah.

1:40 Matthew Bekker*, Brigham Young University, *Streamflow Reconstructions for the Southern Wasatch Front, Utah.*

2:00 Jan Esper*, Gutenberg University, *Milankovitch-type forcing of tree-ring data and consequences for large-scale temperature reconstructions.*

4418. Mapping the News in the Age of Visualizations: the Art and Science of the NY Times Graphics Department (Sponsored by Geographic Information Science and Systems Specialty Group, Applied Geography Specialty Group, Cartography Specialty Group)

Room: Murray Hill Suite B, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Lucy Stanfield, US Environmental Protection Agency; Verna Delauer

CHAIR(S): Lucy Stanfield, US Environmental Protection Agency

Introducer: Lucy Stanfield, US Environmental Protection Agency

Panelists:

Matthew Bloch, *The New York Times*

Matthew Ericson, *The New York Times*

Archie Tse, *The New York Times*

Jeremy White, *The New York Times*

Discussant: **Alexander Murphy**, University of Oregon

How can maps increase the geographic literacy of the public? How do maps help the media tell a story at multiple spatial and temporal scales? The expanding role and sophistication of maps now includes animated visualizations and infographics, even allowing readers to interact and create their own maps and stories. This session will feature four panelists from the award-winning New York Times Graphics Department (@nytgraphics), who will highlight their work and discuss their cartographic research, design, and analysis processes. This session will continue the AAG's engagement with the media, following the success of the 2004 Mapping the News conference.

4420. Urban Citizenships and Counter-Citizenships I (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Ted Rutland, University of British Columbia; Jacob Remes, SUNY Empire State College

CHAIR(S): Jacob Remes, SUNY Empire State College

12:40 Paul S. B. Jackson*, University of Minnesota, *"Lost the people perish from lack of knowledge!": Crises, Experts, and the Growth of Urban Health Boards.*

1:00 Jacob A.C. Remes*, SUNY Empire State College, *Relief on their Own Terms: Survivors' Citizenship after Progressive-Era Urban Disasters.*

1:20 Andrew Shmueli*, Dept. of Geography, UBC, *Cultivating Counter-Hegemony in Kensington Market: Toronto's Jewish Left and the Production of (Differential) Space.*

1:40 Heather Lewis*, Pratt Institute, *Self-determining Citizens: Community Control of New York City's Schools in the 1960s.*

4421. Inhabiting the Micro

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mrill Ingram, University of Arizona; Elizabeth Straughan

CHAIR(S): Deborah Dixon

12:40 John Paul Jones*, University of Arizona; Deborah P. Dixon, University of Aberystwyth, *Pathologies of the Micro in Soderbergh's 'Contagion'.*

1:00 Mrill Ingram*, University of Arizona, *Politics of Art and Alchemy at an Abandoned Gas Station, Chicago.*

1:20 Nick Rush-Cooper*, University of Durham Geography Department, *Making the incomprehensible sensible in the radioactive playground.*

1:40 Emma J Roe, Dr*, Geography and Environment, University

of Southampton, *Doing-Cooking : The performance of flour.*

2:00 Ulf Strohmayer*, University of Ireland Galway, *Micro-Structures, or, the finite vanishing point of scale.*

4422. Physical Geography I

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anibal Montenegro Rios

David R. Butler, Ph.D.*, Texas State University - San Marcos;

Carol F. Sawyer, Ph.D., Department of Earth Sciences, University of South Alabama, *An Analysis of the Forty-Five Year History of the Binghamton Geomorphology Symposium.*

Carol F. Sawyer*, University of South Alabama, *Characteristics of snow avalanche and debris flow paths, Olympic National Park, Washington.*

Stefani A Lammons*, The University of Southern Mississippi, Graduate Student in the Geology and Geography Department, *Instream flow evaluations using the Hydrology-Based Flow Regime (HEFR) model in the Pascagoula River Basin in Mississippi.*

Alexandra St Pe, M.S. Student*, University of Maryland Baltimore County; Janel Thomas, M.S. Student*, University of Maryland Baltimore County; Jeffrey Halverson, Associate Professor, University of Maryland Baltimore County; Daniel Jones, M.S. Student, University of Maryland Baltimore County; Garth Linder, Ph.D. Student, University of Maryland Baltimore County; Laura Merner, Ph.D. Student, University of Maryland Baltimore County; Matthew Panunto, M.S. Student, University of Maryland Baltimore County, *Hydrometeorological and Societal Aspects of Extreme Floods in the Central-Appalachia Region.*

Lisa M. Andresky*, Slippery Rock University; Robert W. Kellar, Slippery Rock University; Heike Hartmann, Slippery Rock University, *Precipitation Trends in the Indus River Basin.*

John T Van Stan*, University of Delaware; Courtney M Siegert, University of Delaware; Delphis F Levia, University of Delaware; Carrie E Scheick, University of Delaware, *Effects of directional wind-driven rainfall on the spatial variability and magnitude of stemflow inputs to forest soils from co-dominant species of differing crown characteristics.*

Pauline Galezowski*, Central Connecticut State University; Henry N Bulley, Central Connecticut State University, *Impacts of an Underground Storage Petroleum Tank in Hartford County.*

Robert M. Schwartz*, University of Akron, *Emergency Management Issues Following the Tuscaloosa, Alabama Tornado.*

Karl Leiker*, Westfield State College; Karl K Leiker, Doctor, Westfield State University, *The Meteorological Causes of the June 1, 2011 Western Massachusetts Tornado.*

Jonathan Mason*, University of Alabama; Jason C Senkbeil, University of Alabama, *Analysis of Tornado Shelter Location Adequacy of Tuscaloosa Residents.*

Jordan T. McLeod*, Southeast Regional Climate Center (SERCC); Charles E. Konrad, Southeast Regional Climate Center (SERCC), *A Climatological Perspective of Tornado Outbreaks Spawned by Landfalling Tropical Cyclones Across the Eastern U.S.*

Helena Fraser*, University of the Fraser Valley; Jocelyn M Herbert*, University of the Fraser Valley; Sharon Gillies, Ph.D., University of the Fraser Valley; Steven Marsh, M.Sc., University of the Fraser Valley; Bernhard Peucker-Ehrenbrink, Ph.D., Woods Hole Oceanographic Institute; Britta Voss, B.Sc., Woods Hole Oceanographic Institute; Paul Mann, Ph.D.,

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- Woods Hole Research Center; Ekaterina Bulygina, M.S., Woods Hole Research Center, *Impact of industrial and agricultural land use on nutrients and water quality of the Fraser River Basin, British Columbia.*
- Noe Saenz*, Geography, Texas A&M University; Anthony Filippi, Geography, Texas A&M University; Inci Güneralp, Geography, Texas A&M University, *Spatial linkages between planimetric geometry and channel morphology in large sand-bed river meanders.*
- Bryce Downey*, University of the Fraser Valley; Jenna Fanslau, University of the Fraser Valley; Steven Marsh, University of the Fraser Valley; Sharon Gillies, University of the Fraser Valley; Bernhard Peucker-Ehrenbrink, Woods Hole Oceanographic Institution; Britta Voss, Woods Hole Oceanographic Institution; Katerina Bulygina, Woods Hole Research Center; Gregory Fiske, Woods Hole Research Center; Timothy Eglinton, Woods Hole Oceanographic Institution; Daniel Montucon, Woods Hole Oceanographic Institution; Helena Fraser, University of the Fraser Valley; Garrett Maklam-Harron, University of the Fraser Valley; Braydon Wiebe, University of the Fraser Valley; Michelle Martinec, University of the Fraser Valley; Carl Johnson, Woods Hole Oceanographic Institution; Scott Birdwhistell, Woods Hole Oceanographic Institution, *Using turbidity as a proxy for suspended sediment in the Fraser River, British Columbia and historical sediment flux.*
- Weihong Li*, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Aihong Fu, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Zhaoxia Ye, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, *Analysis on the water environment change of lake Bosten in Xinjiang.*
- Steven Marsh*, University College of the Fraser Valley; Bryce Downey, student, University of the Fraser Valley; Jenna Fanslau, student, University of the Fraser Valley; Sharon Gillies, Faculty, University of the Fraser Valley; Bernhard Peucker-Ehrenbrink, Senior Scientist, Woods Hole Oceanographic Institution; Britta Voss, Woods Hole Oceanographic Institution; Ekaterina Bulygina, Woods Hole Research Center; Gregory Fiske, Woods Hole Research Center; Timothy Eglinton, Woods Hole Research Center and Eidgenössische Technische Hochschule; Daniel Montlucon, Woods Hole Oceanographic Institution and Eidgenössische Technische Hochschule; Helena Fraser, student, University of the Fraser Valley; Garrett Macklam-Harron, student, University of the Fraser Valley; Brayden Wiebe, student, University of the Fraser Valley; Michelle Martinec, student, University of the Fraser Valley; Carl Johnson, Woods Hole Oceanographic Institution; Scot Birdwhistell, Woods Hole Oceanographic Institution, *Variation of Kanaka Creek and Silver Creek Geochemistry, Fraser River Basin, British Columbia, Canada.*
- Jenna Lee Fanslau, B.Sc. *, University of the Fraser Valley; Steven Marsh, M.Sc., University of the Fraser Valley; Sharon Gillies, Ph.D., University of the Fraser Valley; Bernhard Peucker-Ehrenbrink, Ph.D., Woods Hole Oceanographic Institution; Britta Voss, B.Sc., Woods Hole Oceanographic Institution; Paul Mann, Ph.D., Woods Hole Research Center; Rob Spencer, Ph.D., Woods Hole Research Center; Ekaterina Bulygina, M.Sc., Woods Hole Research Center; Max Holmes, Ph.D., Woods Hole Research Center, *Analysis of the spectrophotometric properties of dissolved organic matter to determine the effects of land use on water-quality of the Fraser River, British Columbia.*
- Anne Skorupski*, Fairfield University; Benjamin Witherell, Montclair State University; David L. Downie, Associate Professor of Environmental Studies, Fairfield University, *Meta-Analysis of Groundwater Contingent Valuation Studies for Valuing Natural Resource Damages.*
- Judith Buchino, Ph.D. *, AMEC Environment & Infrastructure, *Things Are Seldom What They Seem: A Legislative Approach: Myth or Reality in Protecting Our Precious Resource of Karst Terrain.*
- Zhaoxia Ye*, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Yaning Chen, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences; Weihong Li, State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, *Water resources utilization of Tarim River Basin and ecological water rights.*
- Hung Chak Ho*, Mississippi State University; John E Mylroie, Mississippi State University; Louis R Infante, Mississippi State University, *Remote Sensing of Carbonate Island Karst Features to Assess Water Resources.*
- Robin Hale*, Appalachian State University; Christopher A. Badurek, Appalachian State University; Kristan Cockerill, Appalachian State University, *Analysis of Water Demand Forecasting and Resource Planning in the Southern Appalachians.*
- Joanna Merson*, Arizona State University, *Dynamic Visualization for a Watershed Management Spatial Decision Support System.*
- Rajith Mukundan, City University of New York; Elliot Schneiderman, NYCDEP; David Lounsbury, NYCDEP; Donald Pierson, NYCDEP; Mark Zion, NYCDEP; Soni Pradhanang*, City University of New York; Adao Matonse, City University of New York, *Stream-Power Map as a Stream Channel Assessment Tool.*
- Zachary P. Sugg*, University of Arizona School of Geography and Development; David C. Goodrich, PhD, USDA-ARS Southwest Watershed Research Center; M. Susan Moran, PhD, USDA-ARS Southwest Watershed Research Center, *Scaling Up Object-oriented High Resolution Classification of Impervious Surfaces for Sierra Vista, Arizona.*
- Nalishebo Kaunda Bukunya, Huntsville City GIS Department; Wubishet Tadesse*, Alabama A&M University, *Assessing the contribution of urban land use change to pollutant loads using geospatial hydrological model.*
- Ryan Prusinski*, Murray State University; Amanda Keen-Zebert, Murray State University; Kristin T. Reynolds, Murray State University, *Identifying the Spatial Distribution of Knickpoints in the Buffalo National River Watershed, Northern Arkansas.*
- Michael Maguigan*, University of Arkansas, *Role of vegetation and environmental characteristics in slope stabilization of shallow soils.*
- Jeffrey Lee*, Texas Tech University; Ted Zobeck, USDA-ARS; Thomas Gill, University Texas El Paso; Porfirio Peinado, University Texas El Paso; Miguel Dominguez Acosta, Universidad Autonoma de Ciudad Juarez, *Potential dust production from wind-erodible soils on the Southern High Plains and Chihuahuan Desert: Preliminary Findings.*
- Sara Erickson*, University of Wisconsin - La Crosse; Colin Belby, Ph.D., University of Wisconsin - La Crosse;

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Ryan Perroy, Ph.D., University of Wisconsin - La Crosse; Seth King, Ph.D., University of Wisconsin - La Crosse, *Measuring the spatial distribution of lead contaminants in the La Crosse River Marsh.*

Michael Saxton*, Northern Illinois University, *Herbaceous layer diversity and seed bank germination in oak savanna restorations.*

Corinne Koiri, Shippensburg University of Pennsylvania; John S. Wah, Matapeake Soil and Environmental Consultants and Smithsonian Institution; William L. Blewett*, Shippensburg University of Pennsylvania; Gus Frederick, Shippensburg University of Pennsylvania, *Soil and Landscape Processes associated with a "Rock City" in south-central Pennsylvania.*

Tanya J. Klinefelter*, University of North Carolina Wilmington; Joey H. Jazwinski, University of North Carolina Wilmington; Jessica S. Patrick, University of North Carolina Wilmington; Dustin W. Pollard, University of North Carolina Wilmington; Steven L. Forman, University of Illinois-Chicago; J. Michael Daniels, University of Denver; Jonathan A. Hawes, University of Louisville; Michael M. Benedetti, University of North Carolina Wilmington, *The Caldas da Rainha Geosol and Quaternary Landscape Evolution in Central Portugal.*

Bradley A Miller, MS*, Michigan State University; Randall J Schaeztl, PhD, Michigan State University; Frank Krist, PhD, United States Forest Service, *The Soil Fertility Index: A way to visualize soil fertility and productivity at the landscape scale.*

Peter Fischer*, Physical Geography KU-Eichstaett; Florian Haas, Physical Geography KU-Eichstaett, Floodplain Institute Neuburg; Bernd Cyffka, Physical Geography KU-Eichstaett, Floodplain Institute Neuburg, *Interaction between artificial flooding and morphodynamic processes.*

Amy Albright, Ohio University; Dorothy Sack*, Ohio University, *Erosion Analysis of an Off-Road Vehicle (ORV) Trail in Southeastern Ohio.*

Ranbir Kang*, Western Illinois University, *Geomorphic impacts of riparian understory mosses in a low order stream in Fairfax county, Virginia.*

Xiangge Liu*, Department of Geography, University of Maryland, College Park, USA. China Agriculture University, Beijing, China; Shunlin Liang, Department of Geography, University of Maryland, College Park, USA; Jun Qin, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, China, *Estimating surface turbulent fluxes through 4-D variational assimilation of GOES data combined with land surface model.*

Jingmei Wei*, University of Georgia; Thomas L. Mote, University of Georgia, *A synthesis of the point snow depth observations and a microwave satellite snow depth product.*

Anibal Montenegro Rios, M.I*, UASLP; Damiano Sarocchi, PhD, UASLP; Yuri Nahmad-Molinari, PhD, UASLP. Instituto de Fisica; Luis Angel Rodriguez-Sedano, M.C., UNAM, *A New Method of Three Dimensional Measurement of Sedimentary Particles.*

4423. Critical place research: Theories and methods

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Marcia McKenzie, University of Saskatchewan; Eve Tuck, State University of New York at New Paltz

CHAIR(S): Marcia McKenzie, University of Saskatchewan
Introducer: Eve Tuck

12:50 Eve Tuck, Ph.D.*, State University of New York at New Paltz, *Critical Border Transgression.*

1:10 John J. Lupinacci*, Eastern Michigan University,

Understandings of Place: Buried In Layers of Concepts and Concrete.

1:30 Marcia McKenzie*, University of Saskatchewan, *Walking as participatory method: 'Ways of operating' in youth research on sustainability.*

4424. Transformational Adaptation to Climate Change in New York City: If Incremental Adaptation Might Not Be Enough

Room: Sutton Parlor North, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Thomas Wilbanks, Oak Ridge National Laboratory

CHAIR(S): William Solecki, Hunter College

Discussant(s): William Solecki, Hunter College

Panelists: Robert Kates, Independent Scholar; Cynthia Rosenzweig, Columbia University; Adam Freed, City of NY, Office of Long Term Planning and Sustainability; Thomas Wilbanks, Oak Ridge National Laboratory

4425. New approaches in quantitative social geography: new data, new methods, new insights (3)

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Richard Harris, University of Bristol; Alex Singleton

CHAIR(S): Richard Harris, University of Bristol

12:40 Bhuiyan M Alam*, The University of Toledo; Jeanette Eckert, The University of Toledo, *Exploratory Spatial Data Analysis of Community Gardens with Respect to Neighborhood Characteristics in Toledo, Ohio.*

1:00 Megan Heckert*, Temple University, *The Impact of Greening Vacant Land on Neighborhood Property Values: A Spatial Difference in Difference Approach.*

1:20 Madhuri Sharma*, University of Tennessee, Knoxville, *Racial/Ethnic Inter-mixing and Spatial Variability of Neighborhood Level Characteristics and Residential/Commercial Investments: A Preliminary Analysis of Knoxville, Tennessee.*

1:40 John B Urata*, 2008 and 2010 Real Estate Market Analysis Using Co-Kriging: A Case Study in the City of San Diego.

2:00 Fang Wei*, Virginia Tech; Paul L Knox, Virginia Tech, *Mechanisms and Dynamics of Neighborhood Change in US Metropolitan Areas.*

4428. Reconstructing Paleoenvironments since the Last Glacial Maximum (Sponsored by Paleoenvironmental Change Specialty Group, Biogeography Specialty Group, Geomorphology Specialty Group)

Room: Grand Ballroom West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Michelle Goman, Sonoma State University

CHAIR(S): Michelle Goman, Sonoma State University

12:40 Scott Mensing*, University of Nevada - Reno; Saxon E Sharpe, Desert Research Institute; Don Sada, Desert Research Institute; Jim Thomas, Desert Research Institute, *Extended drought in the Great Basin between 2800 and 1850 cal yr BP and its potential geographic extent.*

1:00 Scott Starratt*, United States Geological Survey; Liam Reidy, Department of Geography, University of California, Berkeley; Michael Rosen, United States Geological Survey; Lynn Ingram, Department of Earth and Planetary Sciences, University of California, Berkeley; Roger Byrne, Department of Geography, University of California, Berkeley, *Preliminary Record of the Diatom Flora From Big Soda Lake, Churchill County, Nevada, USA.*

1:20 Christine Nycz*, University of Nebraska - Lincoln, *Reconstructing Middle Holocene Environments in the Central Great Plains through the Analysis of the Archaeological Record.*

1:40 David Porinchu*, University of Georgia; Aaron Potito,

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National University Ireland, Galway - Geography;
Paul Soltesz, The Ohio State University - Geography;
David Beilman, University of Hawaii - Geography;
Victoria Brady, National University Ireland, Galway
- Geography, *A multi-proxy paleolimnological
assessment of mid-Holocene aridity in the Midwestern
United States.*

- 2:00** Mathew S. Boehm*, Department of Geography, University of Tennessee; Sally P. Horn, Department of Geography, University of Tennessee; David Leigh, Department of Geography, University of Georgia, *Late Pleistocene Vegetation and Fire in Western North Carolina, USA: Evidence from Whiteoak Bottoms.*

4429. Biodiversity and Food in the Context of Development and Climate Change-I (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)

Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)
ORGANIZER(S): Karl Zimmerer, Pennsylvania State University
CHAIR(S): Karl Zimmerer, Pennsylvania State University
Introducer: Karl Zimmerer
Discussant(s): George M. Woodwell, Woods Hole Research Center
Panelists: Hallie Eakin, Arizona State University; Christine Padoch, CIFOR; V Ernesto Mendez

4430. Medical Geography: Environment, and Health

Room: Mercury Rotunda, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Michael Reibel, California State University
12:40 Sara S. Metcalf*, University at Buffalo (SUNY); Michael J. Widener, University at Buffalo (SUNY); Mary E. Northridge, New York University and Columbia University; Stephen Marshall, Columbia University; Ira B. Lamster, Columbia University, *Modeling Social Dimensions of Oral Health among Older Adults in Urban Environments.*
1:00 Alejandro Cajigal*, NYC Department of Health and Mental Hygiene, *Alcohol Outlet Density and Alcohol-related Health Outcomes in New York City.*
1:20 Cem Akkus, PhD Candidate*, The University of Memphis; Esra Ozdenerol, PhD, The University of Memphis, *Spatial Analysis of Children's Blood Lead levels in Shelby County, Tennessee: A Case Study.*
1:40 Benjamin Zhan*, Texas State University-San Marcos; Jean D. Brender, Texas A&M Health Science Center, *GIS and Health: Maternal Residential Proximity to Waste Sites and Low Birth Weight in Offspring.*
2:00 Michael Reibel*, California State University, *Methodologies for County Level Disparities in Donor Organ Recovery Rates.*

4431. Geographies of Whiteness I

Room: Petit Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Laura Barraclough, Kalamazoo College
CHAIR(S): Laura Barraclough, Kalamazoo College
12:40 Tanzania Anderson*, Cornell University, *Allegories of the Four Continents: Examining the Role of Visual Culture in the (Re)Construction of Seventeenth and Eighteenth Century European Identities.*
12:55 Richard Schroeder*, Rutgers University, *White Man's Burden: South African National Identity in Post-apartheid Africa.*
1:10 Noa Leuchter*, Ben-Gurion University, *Bleaching the Citizenry: Exclusion and Resistance in an Israeli State-Bureaucracy.*
1:25 Amanda Murphy, MA*, Carleton University, *"I'm Dreaming of a White Christmas:" White, Male, Heterosexual, Christian, Benevolent Santa Claus as a Banal Symbol of Canadian Nationalism.*
1:40 Bradley Gardener*, CUNY Graduate Center; bradley

s gardener, CUNY Graduate Center, *Negotiating Racialized Meaning in Space: White Jews in Riverdale, New York.*

4432. Negotiating Community Change

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Noah Isserman, University of Cambridge
12:40 Jack B Phelps*, Texas Tech University Student, *Radical Urban Change: Urban Redevelopment of an Adjacent University Neighborhood.*
1:00 Flaminia Paddeu*, Sorbonne-Paris4, *Mapping the 2010 census in New York City: Red Hook's segregation challenge.*
1:20 Hanneke Posthumus*, Utrecht University; Gideon Bolt, Utrecht University; Ronald van Kempen, Utrecht University, *When forced relocatees move in: An assessment of the relation between inflows of forced relocatees and perceived neighbourhood change.*
1:40 Noah Isserman*, University of Cambridge; Ann Markusen, University of Minnesota and Markusen Economic Research, *Financing Civil Society: Interrogating Narratives of Capacity-Building, Engagement, and Managerialism.*

4435. Unpacking the Eco-city Phenomenon: Variations in Theory and Practice III (Sponsored by Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): I-Chun Chang; Federico Cugurullo, Kings College London
CHAIR(S): Elizabeth Rapoport
Introducer: Elizabeth Rapoport
Introducer: I-Chun Chang
Panelists: Aidan While; Erik Swyngedouw, University of Manchester; Fulong Wu, University College London; Tim Freytag, Heidelberg University; Harvey Neo, National University of Singapore; Shannon May, Bridge International Academies

4436. Ecotourism and Conservation: Examples from Central and South America (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Green Room, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Alison M Gill, Simon Fraser University
CHAIR(S): Carter Hunt, Stanford University
12:40 Laura Driscoll, M.A.*, University of California, Berkeley; Carter Hunt, Ph.D., Stanford University, *Changing Communities: The Influence of Ecotourism Profits on Cultural Identity and Space in Southeastern Peru.*
1:00 Sarah H. Fernandez*, UCLA, *Grassroots Conservation: The Role of Local Communities in the Success or Failure of Agroecological Projects in Ecuador.*
1:20 John Morrow*, United States Military Academy Department of Geography and Environmental Engineering, *Ecotourism: A Sustainable Form of Development? Costa Ricans Say Yes!.*
1:40 Carter A Hunt, Postdoctoral Fellow*, Stanford University & Woods Institute for the Environment; William H Durham, Professor, Stanford University & Center for Responsible Travel, *The Importance of Ecotourism in Osa, Costa Rica.*

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4437. Diversity, Inclusion, and Participation in Geography (Sponsored by AAG ALIGNED Diversity Project)

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

Organized by: Association of American Geographers ALIGNED Project

Chairs: Patricia Solis, AAG Director of Outreach & Strategic Initiatives; Inés Miyares, Hunter College

12:45 Richard Wright, Dartmouth College; Mark Ellis, University of Washington; Steven R. Holloway*, University of Georgia; Sandy Wong, The Ohio State University, *Patterns of Racial Diversity and Segregation in the United States: 1990-2010*.

1:05 Patricia A. Solis, PhD*, Association of American Geographers; Joy Adams, PhD, Association of American Geographers; Jean McKendry, PhD, Association of American Geographers, *The Landscape of Diversity in U.S. Higher Education Geography*.

1:25 Melissa Wicks-Asbun, M.A.*, Wayne Community College; Rebecca Torres, M.A. Ph. D, University of Texas, Austin, *Undocumented Students' Narratives of Liminal Citizenship: High Aspirations, Exclusion and "In-Between" Identities*.

1:45 Rickie Sanders*, Temple University; Audrey Kobayashi, PhD, Queen's University; Victoria Lawson, PhD, University of Washington, *The Whitening of the Public University: The Context for Diversifying Geography*.

Discussant(s): Joy K. Adams, Association of American Geographers; David A. Padgett, Tennessee State

Diversity, Inclusion, and Participation in Geography (*Paper Session 4437, 12:40 p.m.*)

The AAG ALIGNED Planning Toolkit for Enhancing Diversity in Departments (*Workshop Session 4537, 2:40 p.m.*)

Diverse Experiences in Diversity at the Geography Department Scale (*Panel Session 4637, 4:40 p.m.*)

This set of three sessions of varied formats will explore studies, demonstrate tools, and convene a discussion about efforts to enhance diversity, promote inclusion, and broaden participation in the discipline. The featured paper session is designed to provide an overview and background on national level demographics from the US Census, higher education statistics, and disciplinary data as context. The workshop will introduce the AAG's ALIGNED Toolkit developed to consolidate and develop resources that support departments in their efforts to enhance diversity. The suite of online materials includes a clearinghouse of information as well as a mechanism to query spatial data and geo-referenced demographic data on undergraduates.

Discussions with an experienced panel of ALIGNED pilot department representatives will assist users to create or improve plans for engaging a more diverse community of potential students as well as for supporting underrepresented students currently enrolled in their programs. All are welcomed to attend part or all of the three sessions, although free registration to the workshop is recommended. Presentations and discussions across the sessions will draw upon the intellectual wealth of the discipline to inform and transform ways in which departments envision and realize their own goals to enhance diversity using locationally-informed and place-specific strategies and insights. The AAG's ALIGNED project is supported by the NSF.

4439. Cultural and Historical Geographies of Intra-Urban Mass Transit III (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Transportation Geography Specialty Group)

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Richard Dennis, University College London; Samuel Merrill, University College London

CHAIR(S): Richard Dennis, University College London

12:40 Samuel O.C. Merrill*, University College London, *Transit Maps & Diagrams: Mnemonic Technologies and Landscapes*.

1:00 Edwina Attlee*, London Consortium, *London Transport's Lost Property Office - Reading between the lines of the archive*.

1:20 Kyran Joughin, Senior Lecturer in Film*, University of the Arts London, *"You Wait A Hundred and Fourteen Minutes...": Vehicles of Suspense*.

1:40 Jason Greenberg*, Sullivan University, *The New York City Subway in Film and Television: How A Public Conveyance Is Portrayed as A Cultural Icon*.

Discussant(s): John Western, Syracuse University

4440. The National Map

Room: Hudson York Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): Jeffrey Simley, United States Geological Survey

CHAIR(S): Jeffrey Simley, United States Geological Survey

Panelists: Jeffrey Simley, United States Geological Survey

4441. New Political Trends in the Western City: Predictions and Speculations (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Midtown Suite, Hilton, Fourth Floor (Panel Session)

ORGANIZER(S): David Wilson, University of Illinois

CHAIR(S): David Wilson, University of Illinois

Panelists: Thomas Doerfler, University of Goettingen; Andrew Jonas, University of Hull; Ulrike Gerhard, Ruprecht-Karls University of Heidelberg; Faranak Mirafab, University of Illinois; France Winddance Twine, University of California, Santa Barbara

4442. Contemporary Geographies of Brazilian Land Use Change (III): Causes and Consequences of Deforestation (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: New York Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Peter Richards, Michigan State University; Lisa Rausch, University of Kansas

CHAIR(S): Lisa Rausch, University of Kansas

12:40 Holly Gibbs*, University of Wisconsin-Madison, *The Potential of Demand-Side Efforts to Reduce Deforestation*.

1:00 Gillian Galford*, Woods Hole Research Center; John Mustard, PhD, Brown University; Jerry Melillo, PhD, Marine Biological Lab, *Fusing statistical data, remote sensing and ecosystem modeling to understand past and future greenhouse gas emissions from Brazil's agricultural frontiers*.

1:20 J. Christopher Brown*, University of Kansas; David S. Brown, Ph.D., University of Colorado-Boulder, *Systematic analysis of the relationship between deforestation and land occupations in the Brazilian Amazon*.

1:40 Ritaumaria Pereira*, Michigan State University; Cynthia Simmons, Michigan State University, *Cattle and Agrarian Reform in the Brazilian Amazon: A Case Study in South of Pará*.

Discussant(s): Gillian Galford, Woods Hole Research Center; Holly Gibbs, University of Wisconsin-Madison; J. Christopher Brown, University of Kansas; Ritaumaria Pereira, Michigan State University

MONDAY, FEBRUARY 27 • 12:40 PM - 2:20 PM • 4400**4444. The Housing Question Revisited II: (Un)Real Estate and the Accumulation by Dispossession of People and Place***Room:* Conference Room B, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Gordon MacLeod, University of Durham;

Henrik Gutzon Larsen, University of Aalborg

CHAIR(S): Henrik Gutzon Larsen, University of Aalborg

12:40 Edward Goetz*, University of Minnesota, *The transformation of public housing in the U.S.***1:00** Roman Matousek*, Charles University in Prague; Ludek Sýkora, Charles University in Prague, *What kind of social housing for what kind of housing question? Exclusivity of newly built social housing in Czechia.***1:20** Benjamin Smith*, Florida International University, *The Birth and Collapse of Real Estate in Dubai: A Cultural and Political Economy.***1:40** Yi-ling Chen*, University of Wyoming; Herng-Dar Bih, National Taiwan University, *Gender and the housing question in Taipei City: Low-income single mothers in Taipei's low-cost housing.***2:00** James Fraser*, Vanderbilt University; Alicia Sanchez*, Vanderbilt University, *The Paradox of Nonprofit Housing Development.***4445. Modelling Land Use and Land Cover Change in China (Sponsored by Geographic Information Science and Systems Specialty Group, China Specialty Group, Human Dimensions of Global Change Specialty Group)***Room:* Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Wei Xu, University of Lethbridge

CHAIR(S): Wei Xu, University of Lethbridge

12:40 Lei Wang*, Qing Ying, University of Maryland, *Urban expansions over the last twenty years in China.***1:00** Xue Li*, Michigan State University; Joseph Messina, Michigan State University, *Modeling urban change in Urumqi, China.***1:20** Junmei Tang*, University of Maryland, Baltimore County, *Multitemporal analysis of forest fragmentation in the upstream region of the nenjiang river basin, northeast China.***1:40** Miaoying Shi*, Michigan State University, *Land Use and Land Cover Change and Its Driving Force Analysis in Heilongjiang.***2:00** Kai Cao*, University of Illinois at Urbana and Champaign, *Parallel genetic algorithm based land use allocation optimization.***4446. Animal Geographies III: Bodies in Motion: Animality, Movement, and the Human-Animal Relationship (Sponsored by Graduate Student Affinity Group, Cultural Geography Specialty Group, Animal Geography Specialty Group)***Room:* Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Sharon Adams, University of Texas Austin

CHAIR(S): Sharon Adams, University of Texas Austin

12:40 Lauren Kelley*, Florida State University; John Anthony Stallins, Dr., University of Kentucky, *The Embeddedness of Hognose Snakes (Heterodon spp.) in the Wildlife Pet Trade and the Relevance of Assemblage Geographies for Reptile Conservation.***1:00** Gabrielle Collins*, University of Nebraska at Lincoln, *Dangerous Encounters.***1:20** Sean Santalla*, Florida State University; Jon A Stallins, University of Kentucky, *Incidental biodiversity, the middle class, and the effectual mobilities of a wildlife rehabilitation network.***1:40** Kara Wentworth*, UC San Diego, *"Good Clean Meat": Mapping the movement of animals and meat in Central Texas.***2:00** Valerie A. Benka*, University of Michigan, *Wildlife, livestock, and disease in Laikipia, Kenya: Pastoralist and herder observations.***4447. CyberGIS for Synergistically Advancing Cyberinfrastructure and GIScience: Progress and Roadmap (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Spatial Analysis and Modeling Specialty Group)***Room:* Conference Room E, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Shaowen Wang, University of Illinois at

Urbana-Champaign; Michael Goodchild, University of California - Santa Barbara

CHAIR(S): Shaowen Wang, University of Illinois at Urbana-Champaign

Discussant(s): Michael Goodchild, University of California - Santa Barbara

Panelists: Timothy Nyerges, University of Washington; Luc Anselin, Arizona State University; Budhendra Bhaduri, Oak Ridge National Laboratory

4448. Mapping Cyberspace and Social Networks III (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)*Room:* Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Ick Hoi Kim, San Diego State University;

Sarah Wandersee, SDSU Geography

CHAIR(S): Ming-Hsiang Tsou, San Diego State University

12:40 Linna Li*, University of California, Santa Barbara; Michael F Goodchild, University of California, Santa Barbara, *Spatio-temporal patterns in the use of Twitter and Flickr.***1:00** Alexander Savelyev*, The Pennsylvania State University; Anthony Robinson, The Pennsylvania State University; Alan MacEachren, The Pennsylvania State University, *Analysis of Methods for Representing and Interacting with Qualitative Geographic Information.***1:20** Xining Yang*, The Ohio State University; Daniel Sui, Ohio State University, *Can Social Media Rescue Begging Children? Using VGI to Study the Street Children Begging Phenomenon in China.***1:40** Wei Chen*, The Ohio State University, Geography; Ningchuan Xiao, The Ohio State University, Geography, *Understanding Vague Geographic Concepts by Analysing Behavioural Samples Obtained from Data Mining Online Corpus: a NLP and GIS Integrated Approach.*

Discussant(s): Monica Stephens, University of Arizona

4450. Location analysis and modelling (Sponsored by Spatial Analysis and Modeling Specialty Group)*Room:* Conference Room H, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Joni Downs, University of South Florida

CHAIR(S): Changjoo Kim, University of Cincinnati

12:40 Changjoo Kim*, University of Cincinnati; Hyun Kim, University of Tennessee; Jiyoung Lee, The University of Seoul, *Toward a realistic hub network model: Examining differences between theoretical and practical hub locations using empirical air passenger data.***1:00** Timothy F Leslie*, George Mason University; Aisling Chapin, George Mason University, *Implementing a Co-Location Model In Network Space.***1:20** Tony Grubestic*, Drexel University, *Benchmarking Alcohol-Related Violence.***1:40** James H Anderson*, University of South Florida, *Location Modeling of Wildlife Crossings: Application of MCLP for Florida Panther Conservation.***2:00** Daniel Serra*, UPF, *Locating Lottery Retail Stores in Barcelona: A Consumer Oriented Approach.*

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4451. Commodifying the Underground: The Making of Mineral and Hydrocarbon Commodities III (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Matthew Himley, Illinois State University;

Elvin Delgado, Syracuse University

CHAIR(S): Tom Perreault, Syracuse University

Introducer: Elvin Delgado

12:45 Kolson Schlosser*, Slippery Rock University, *Glittering Commodities: Constructions of Value in Gemstone Diamonds and the View from Kugluktuk, Nunavut.*

1:05 Matthew Himley*, Illinois State University, *Imagining mines: Science, representation, and the uneven development of Peruvian mining.*

1:25 Beatriz Bustos, PhD*, Universidad de Chile; Maria Cristina Fragkou, PhD, Universidad de Chile, *Exploiting the mineral south of a developing country: coal re-commodification in Chile under national energy policies in times of resource scarcity.*

1:45 Freyja Knapp*, University of California, Berkeley, *Flexible Mining: Global Electronic Waste Recycling.*

4452. Markets and Militaries III (Sponsored by Political Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University of Toronto

CHAIR(S): Philippe Le Billon, University of British Columbia

12:40 Anna Zalik, PhD*, York University, *Oil as Contraband: extractive violence at the margins of the state.*

1:00 Nik Heynen*, University of Georgia, *Welcome to the 'Sunny Side' of Hell: Tritium comes to the T.V.A. and other Atomic Adventures.*

1:20 Elizabeth Lee*, University of British Columbia, *AFRICOM and U.S. Capital.*

1:40 John Morrissey*, National University of Ireland, Galway, *The Budgetary Efficiencies of US National Security.*

Discussant(s): Philippe Le Billon, University of British Columbia

4453. Land Use Conflicts III: Urban Development Tensions (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Urban Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Donald Leffers, York University; Gerda R Wekerle, York University

CHAIR(S): Patrick Hurley, Ursinus College

12:40 Robert Smith*, University of California, Berkeley, *Movement Planning and Land Use Conflicts.*

1:00 Jane Battersby, PhD*, University of Cape Town, *For The Good of The City? Competing Visions For The Philippi Horticultural Area, Cape Town, South Africa.*

1:20 Gary Martin, PhD Candidate, Carleton University; Donald Leffers, PhD Candidate*, York University, *Power and Politics in the Residential Development Industry: Negotiating 'Appropriate' Urban Nature in Ottawa, Canada.*

1:40 Terry Van Dijk*, University of Groningen, *How plans alter power distribution - and vice versa.*

4454. Baikal issues under persistent state care (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Vera Kuklina, Institute of Geography SB RAS

CHAIR(S): Ivan Mitin, Russian Research Institute for Cultural & Natural Heritage

12:40 Natalia Luzhkovskaya*, Institute of Geography SB RAS; Leonid M Korytnyy, Doctor of Science, Professor, Institute of Geography SB RAS, *Ecotourism*

development in nature reserves of Lake Baikal.

1:00 Ivan Mitin*, Russian Research Institute for Cultural & Natural Heritage, *Place Branding In Russia: Baikal As A Palimpsest.*

1:20 Gerelma Dugarova*, V.B. Sochava Institute of Geography SB RAS, *Advantages and Disadvantages of Social Economic Development under Environmental Restrictions.*

1:40 Vera Kuklina*, V.B. Sochava Institute of Geography SB RAS, *Remoteness and roads in the North (case of Irkutsk region).*

Discussant(s): Timothy Heleniak, University of Maryland

4456. Geographies of Entrepreneurship in Local and Global Economies: Contexts, Practices, and Processes I (Sponsored by Economic Geography Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Benjamin Spigel, University of Toronto;

Hyejin Yoon, Department of Geography, University of Wisconsin-Milwaukee

CHAIR(S): Benjamin Spigel, University of Toronto

12:40 Filippo Randelli*, University of Florence, *The evolution of SMEs clusters: the case of leather products in Italy.*

12:58 Jennifer Auer*, Arizona State University, *Neighborhood entrepreneurship.*

1:16 Alan Southern*, University of Liverpool, *Enterprise in depleted communities.*

1:34 Richard T Harrison*, Queen's University Management School, *Escalators, Relay Races and the Regional Finance Gap: Institutional Responses in a Peripheral Economy.*

1:52 Helen Lawton Smith*, Birkbeck University of London, *Entrepreneurship and regional change: the case of Oxfordshire's high-tech economy.*

Discussant(s): Edward J Malecki, Ohio State University

4457. Suburbanism and the future

Room: Central Park West, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Markus Moos, University of Waterloo; Alan Walks, University of Toronto

CHAIR(S): Markus Moos, University of Waterloo

Panelists: Markus Moos, University of Waterloo; Pierre Filion, School of Planning; Byron Miller, University of Calgary; Alan Walks, University of Toronto; Dirk Heinrichs; Per G Roe, University of Oslo, Department of Sociology and Human Geography

4458. Ten Years of Global Production Networks (GPN) Research: Prospects and Future Directions 2 (Sponsored by Economic Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Martin Hess, University of Manchester; Neil M. Coe, University of Manchester

CHAIR(S): Henry Yeung, National University of Singapore

12:40 Michael Husebo*, University of Georgia, *Beyond the labor union: Positionalities in global production networks.*

1:00 Beth Gutelius*, University of Illinois at Chicago; Nik Theodore, Ph.D, University of Illinois at Chicago, *Distribution at the margins: Extending GPNs to U.S. goods-movement workers.*

1:20 Daniel You-Ren Yang*, Department of Sociology, Tunghai University, *Embedding the standard through networks? Global production networks and the limits to CSR monitor system in the anti-sweatshop campaign against Foxconn.*

1:40 Aidan M Wong*, Queen Mary, University of London, *The Political Economy of Electronic Waste Recycling in Singapore and Malaysia - (Re)Valuing 'waste' and workers in the informal economy.*

MONDAY, FEBRUARY 27 • 12:40 PM - 2:20 PM • 4400**4459. Vegetation Mapping and Classification**

Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jack Livingston, Slippery Rock University

12:40 Bruce Hoagland*, University of Oklahoma, *The International Vegetation Classification: an integrated physiognomic-floristic approach for mapping and conservation applications.*

1:00 Alexis Aguilar*, Salisbury University, *Use of a Decision Tree Classifier to Map Vegetation in a Protected Area in the Eastern Andes of Peru.*

1:20 Mark H. DeVisser*, Michigan State University; Joseph P. Messina, Ph.D., Michigan State University, *The Collection of Synthetic Aperture Radar (SAR) Ground Reference Data Based on Vegetation Structure: A Case Study of Tsetse Fly Land Cover Suitability in Kenya.*

1:40 Paul Merani*, University of Nebraska-Lincoln; Donald Rundquist, Ph.D., University of Nebraska-Lincoln; John Schalles, Ph.D., Creighton University; Deepak Mishra, Ph.D., Mississippi State University; Anatoly Gitelson, Ph.D., University of Nebraska-Lincoln, *Mapping Above-Ground Green Biomass of Gulf of Mexico Salt Marsh Vegetation Using Airborne Hyperspectral Imagery.*

2:00 Jack Livingston, PhD*, Slippery Rock University; Julie Snow, Slippery Rock University, *Reconsidering Distance and Isolation in Wind Dispersal and Colonization of Bahamian Islands.*

4460. State of the Environment: Global to Local

Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Todd Lookingbill, University of Richmond

12:40 Douglas J. Wheeler*, United States Geological Survey, *The Global Fiducials Library: Imagery to Support Global Change Research.*

1:00 Christina Callahan*, University of Delaware; Daniel J. Leathers, University of Delaware, *Establishing a Statewide Environmental Monitoring and Analysis Center.*

1:20 Nanci Fioravanti*, Montclair State University, *Climate Change Affecting Alaska's Ecosystems.*

1:40 Todd R. Lookingbill*, University of Richmond; Robert H. Hilderbrand, University of Maryland Center of Environmental Science; John Paul Schmit, National Park Service Center for Urban Ecology, *Crunch Time: Comparing Natural Resource Condition among Mid-Atlantic National Parks.*

4461. New Perspectives on Primitive Accumulation I (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Keith Lindner, Syracuse University; Elvin Delgado, Syracuse University

CHAIR(S): Keith Lindner, Syracuse University

Introducer: Keith Lindner

12:45 Emily Reid-Musson*, University of Toronto, *Geographies of Intimate Servitude: Feminization and Accumulation in 'Temporary' Migration to Canada.*

1:05 Bruno Meeus*, Hogeschool Gent, *Primitive accumulation and workers' East-West mobility in Europe.*

1:25 Laura Pitkanen*, University of Toronto, *Enclosure in the Nuclear North.*

1:45 Jason W. Moore*, Umeå University, *Productivity & Plunder in the Rise and Ongoing Demise of the Capitalist World-Ecology, 1450-2012.*

4462. Urbanization, Land Use, and Regional Development in China III (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Yehua Wei, University of Utah; Xinyue Ye, Bowling Green State University

CHAIR(S): Yingru Li

12:40 Haifeng LIAO*, University of Utah, *Distribution dynamics and the core-periphery hierarchy of regional inequality in provincial China: A case study of Guangdong.*

1:00 Zhouyang Wang*, Center for Modern Chinese City Studies, East China Normal University, Shanghai, China; Yehua Dennis Wei, Professor, Department of Geography and Institute of Public and International Affairs, University of Utah, Salt Lake City, *Spatial Evolution of Industrial Districts: A Case Study of the Electrical Equipment Industrial District in Wenzhou, China.*

1:20 Yingru Li*, University of Utah, *Core-Periphery Inequality in Provincial China: A Case Study of Henan Province.*

1:40 Hao Huang*, University of Utah, *Location Decision, Network Configuration, and Institutional Transaction Costs of FDI in Wuhan, China.*

2:00 Weihua Guan*, School of Geographical Sciences; Yehua Dennis Wei, Professor, University of Utah, *A Multiple Timescale Analysis of Regional Economic Inequality in China.*

4463. Articulating and Practicing "Place"

Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Michael Ratcliffe, U.S. Bureau of the Census; April Avnaim, U.S. Bureau of the Census

CHAIR(S): April Avnaim, U.S. Bureau of the Census

12:40 Michael Ratcliffe*, U.S. Bureau of the Census, *Towards a Typology of Census Designated Places.*

1:00 Vincent Osier*, U.S. Census Bureau, *The U.S. Census Bureau's "Place" Geography: How do we improve "place" for data users?.*

1:20 Stephan Fuchs*, University of Erlangen-Nuremberg, *The Value of Place Names as Ethnic Indicators.*

1:40 Brandon H. Haddock, M.S., A.B.D. Geography*, Kansas State University, *On the Edge of Town: Rural place identity and multi-dimensional interpretation.*

2:00 Steve Hutkins*, New York University, *The Future of the Post Office? If There Is One.*

4465. Norb Psuty Student Paper Merit Award I (Sponsored by Coastal and Marine Specialty Group)

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Karsten Shein, National Climatic Data Center

CHAIR(S): Karsten Shein, National Climatic Data Center

12:40 Nathan Kettle*, University of South Carolina, *The influence of perceived risk, uncertainty, and trust on coastal climate change adaptation planning.*

1:00 Avery Werner*, Auburn University; Philip Chaney, PhD, Auburn University - Department of Geology and Geography, *Potential for using offshore living breakwater structures in the Mid Florida Key Region.*

1:20 Kate Sherman*, College of Oceanic and Atmospheric Science, Oregon State University; Andy Lanier, Oregon Coastal Management Program, Department of Land Conservation and Development; Tanya Haddad, Oregon Coastal Management Program, Department of Land Conservation and Development; Paul Klarin, Oregon Coastal Management Program, Department of Land Conservation and Development, *Oregon's Nearshore Research Inventory.*

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- 4466. Trees in the City 1: the extent, drivers, and benefits of urban forests (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)**
Room: *Liberty 4, Sheraton, Third Floor (Paper Session)*
 ORGANIZER(S): Tenley M Conway, University of Toronto; Adam Berland, University of Minnesota
 CHAIR(S): Andrew Millward, Ryerson University
12:40 Christopher Boone*, Arizona State University; Michail Fragkias, Urbanization and Global Environmental Change Programme, *A critical examination of urban ecosystem services delivery: implications for environmental justice, vulnerability, and sustainability.*
1:00 Kirsten Schwarz*, University of California, Davis; Michail Fragkias, Arizona State University; Weiqi Zhou, University of California, Davis; Melissa McHale, North Carolina State University; J. Morgan Grove, USDA Forest Service; Jarlath O'Neil-Dunne, University of Vermont; Chris G. Boone, Arizona State University; Mary L. Cadenasso, University of California, Davis, *Urban Tree Canopy Cover and Environmental Justice: Linking Science, Practice, and Data through a comparison of Baltimore, Philadelphia, Sacramento, and Washington, D.C.*
1:20 Tooba Shakeel, Master of Science Candidate*, University of Toronto, *Residents as urban tree stewards - Examining household-level variables as predictors of urban tree cover.*
1:40 Thi-Thanh-Hiên Pham*, INRS Urbanisation Culture Société; Philippe Apparicio, INRS Urbanisation Culture Société; Ann-Marie Séguin, INRS Urbanisation Culture Société; Shawn Landry, University of South Florida; Martin Gagnon, Université de Montréal, *Disentangling street characteristics and the socioeconomic context underlying tree cover in Montreal using multilevel models.*
2:00 Shawn Landry*, University of South Florida; Jayajit Chakraborty, University of South Florida, *Street Tree Management in Urban Neighborhoods: Resident Attitudes and Drivers of Uneven Tree Distributions.*
- 4467. Environmental Change and Human Adaptation on the Tibetan Plateau: II. Earth surface processes (Sponsored by Paleoenvironmental Change Specialty Group, Cryosphere Specialty Group, Geomorphology Specialty Group)**
Room: *Liberty 5, Sheraton, Third Floor (Paper Session)*
 ORGANIZER(S): Yingkui Li, University of Tennessee; Chaolu Yi, Institute of Tibetan Plateau Research, Chinese Academy of Sciences
 CHAIR(S): Yingkui Li, University of Tennessee
12:40 Chuanchuan Li*, College of Urban and Environmental Sciences, Peking University; Mei Zhang, College of Urban and Environmental Sciences, Peking University; Yixin Chen, College of Urban and Environmental Sciences, Peking University; Gengnian Liu, College of Urban and Environmental Sciences, Peking University, *Observation and Research of Sorted Circles at the Headwaters of the Urumqi River, Tianshan Mountains, China.*
1:00 Christine M Kassab*, Purdue University; Jie Wang, Lanzhou University; Jon Harbor, Purdue University, *Glacial geomorphology of the Dalijia Mts, NE Tibetan Plateau.*
1:20 Yanan Li*, The University of Tennessee; Yingkui Li, The University of Tennessee, *Contemporary and "Little Ice Age" Glacier Extents in the Bogeda Region, Tian Shan, China.*
1:40 Mei Zhang*, Peking University; Chuanchuan Li, Peking University; Yixin Chen, Peking University; Gengnian Liu, Peking University, *Sedimentary features of Hailuoguo Glacier in Gongga Mountain, a maritime alpine glacier in Eastern Tibetan Plateau.*
- 2:00** Yingkui Li*, University of Tennessee; Jingjuan Liao, Center for Earth Observation and Digital Earth, Chinese Academic of Sciences, Beijing, 100190, China; Zewen Liu, Department of Geography, University of Tennessee, Knoxville, TN 37996; Guozhuang Shen, Center for Earth Observation and Digital Earth, Chinese Academic of Sciences, Beijing, 100190, China, *Impacts of climate change on lake-level fluctuations across the Tibetan Plateau from 1972 to 2010.*
- 4468. Study of the American South SG Plenary Panel: Sundown Towns, The Geography and History of Racial Exclusion in the South (Sponsored by Study of the American South Specialty Group)**
Room: *New York Ballroom East, Sheraton, Third Floor (Panel Session)*
 ORGANIZER(S): E Arnold Modlin Jr; G. Rebecca Dobbs, University of North Carolina at Chapel Hill
 CHAIR(S): E Arnold Modlin Jr
 Introducer: E Arnold Modlin Jr
 Introducer: James Loewen
 Discussant(s): James Loewen, Univ. of IL; Joshua Inwood, University of Tennessee
 Panelists: James Loewen, Univ. of IL; Malinda Maynor Lowery, UNC-Chapel Hill; Elizabeth Hines, University of North Carolina - Wilmington
- 4469. Feminist Politics and Practice in Economic Geography II**
Room: *New York Ballroom West, Sheraton, Third Floor (Panel Session)*
 ORGANIZER(S): Kendra Strauss, University of Glasgow; Kate Derickson, Georgia State University
 CHAIR(S): Melissa W Wright, Penn State University
 Panelists: Reecia Orzeck, University of Vermont; Kendra Strauss, University of Glasgow; Kate Derickson, Georgia State University; Marion Werner, University at Buffalo, SUNY; Brenda Parker, University of Illinois At Chicago; Anne Bonds, University of Wisconsin, Milwaukee
- 4470. Cognition, Behavior, Representation, VI: Facilitating Wayfinding (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)**
Room: *Riverside Ballroom, Sheraton, Third Floor (Paper Session)*
 ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Scott Bell, University of Saskatchewan
 CHAIR(S): Scott Bell, University of Saskatchewan
12:40 Stephen Axon*, Liverpool Hope University; Janet Speake*, Liverpool Hope University, *"At the next junction, turn left". Attitudes towards Sat Nav use.*
1:00 Wook Rak Jung*, University of Saskatchewan; Scott Bell, University of Saskatchewan, *Impact of the availability of a navigation system on human wayfinding behaviour.*
1:20 Michael Hendricks*, United States Military Academy, *GPS Based Feedback to Navigation Training.*
1:40 Michaela Skiles*, Middlebury College, *Could Incorporating Maps into Directional Signs Facilitate Mental Map Development?*
2:00 James O'Brien*, Kenneth Field, Esri; Linda Beale, Esri, *Paper maps or GPS? An examination of different wayfinding behavior & spatial knowledge acquisition techniques.*

MONDAY, FEBRUARY 27 • 12:40 PM - 2:20 PM • 4400**4471. Education in a Global Age (Sponsored by Political Geography Specialty Group, Geography Education Specialty Group)***Room:* Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Alex Standish

CHAIR(S): Alex Standish

12:40 Alun D Morgan, Dr.*, University of Exeter, *On the legitimacy of advocating global citizenship through geography education.***1:00** Erin H Foubert*, Northern State University; Janet Smith*, Shippensburg University, *Construction of Global Citizenship by Pre-Service Students.***1:20** Alex Standish*, W Connecticut State University, *Global Learning: Why Education Needs Boundaries.***1:40** William Gaudelli*, Teachers College, Columbia University; David Donaldson, Teachers College, Columbia University, *Global Citizenship Education: A curriculum of place, time and issues.***2:00** Elizabeth E Heilman, Ph.D*, Michigan State University, *How National and Economic Contexts Distinguish what Global and Multicultural Education Entail.***4472. A Perspective on the Changes in Arctic Environment: Part I (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)***Room:* Madison Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Debjani Ghatak, The Graduate Center, The City University of New York; Allan Frei, Hunter College

CHAIR(S): Debjani Ghatak, The Graduate Center, The City University of New York

12:40 James R Miller, Dr.*, Rutgers University; Yonghua Chen, Dr., Columbia University; Jennifer A. Francis, Dr., Rutgers University; Gary L. Russell, Dr., NASA/Goddard Institute for Space Studies, *Short and Long-term Variability in Arctic Cloud and Water Vapor Feedbacks.***1:00** Libo Wang*, Climate Research Division, Environment Canada; Martin Sharp, of Earth and Atmospheric Sciences, University of Alberta; Steve Howell, Climate Research Division, Environment Canada; Chris Derksen, Climate Research Division, Environment Canada; Ross brown, Climate Research Division, Environment Canada, Ouranos; Gabriel Wolken, Alaska Division of Geological & Geophysical Surveys; Thorsten Markus, Cryospheric Sciences Branch, NASA Goddard Space Flight Center, *Inter-annual variations in pan-Arctic snowmelt onset and links to atmospheric conditions.***1:20** Debjani Ghatak*, Institute of Marine and Coastal Sciences, Rutgers University; Allan Frei, Hunter College, City University of New York; Clara Deser, CGD/NCAR; Gavin Gong, Columbia University; Adam Phillips, NCAR; David Robinson, Rutgers University; Julianne Stroeve, NSIDC, *Signature of Arctic Sea Ice Forcings on the Siberian Snow.***1:40** Michael Palecki*, National Climatic Data Center, *U.S. Climate Reference Network: Observing Alaska.***2:00** David H Bromwich, Professor*, Ohio State University, *Progress and Overview of the Arctic System Reanalysis.***4473. Issues in Ethnic Geography (Sponsored by Ethnic Geography Specialty Group)***Room:* Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Stavros Constantinou, Ohio State University

CHAIR(S): Stavros Constantinou, Ohio State University

12:40 Ira Martin Sheskin, PhD*, University of Miami, *Spatial Variations in anti-Semitism in the United States.***1:00** Michael Poulsen*, Macquarie University, *Migrant Residential Assimilation in Sydney, Australia: Geographic Scale and Spatial Microsimulation.***1:20** Lawrence E Estaville*, Texas State University; Kristine Egan, City of San Antonio, *Ethnic Health Disparities in Texas: The Texas Health Atlas.***1:40** Karl Byrand, Associate Professor of Geography*, University of Wisconsin Colleges, *Hmong Health Care in the U.S. and Cultural Conflict: Changing Trends During the Last Decade.***2:00** Stavros T. Constantinou*, Ohio State University, *Enduring Themes of Contemporary Greek-American Ethnic Identity.***4474. Contested ecologies of post-industrial urban landscapes, part 3***Room:* Madison Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jennifer Foster, York University

CHAIR(S): L Anders Sandberg, York University

12:40 Jessica Miller*, CUNY Graduate Center, *"Superfund Superfund"? Urban Waterfront Redevelopment, Gentrification and Displacement on the Gowanus Canal of Brooklyn, New York.***1:00** Garrett Wolf*, Louisiana State University, *A City and its River: The Urban Political Ecology of the Loop and Bridgeport in Chicago.***1:20** Meaghan A Kenny*, Carleton University, Department of Geography and Environmental Studies; Patricia Ballamingie, Ph.D., Carleton University Department of Geography and Environmental Studies, *Exploring Karen Experiences of Urban Agriculture in Ottawa: From Food Justice to Cultural Identity.***1:40** Jennifer Liss Ohayon*, University of California, Santa Cruz, *Public participation and Superfund remediation: the influence of collaboration and contestation on scientific knowledge production.***2:00** Nancy L Wilkinson*, San Francisco State University, *Socionaturalization: San Francisco's Water Supply and the Hetch Hetchy Restoration Debate.***4475. The Experiences of Immigrants in Urban Areas in U.S. (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room:* Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Carlos Teixeira, University of British

Columbia Okanagan; Wei Li, Arizona State University
CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan**12:40** Owen J. Furuseth, Ph.D.*, University of North Carolina at Charlotte; Heather A Smith, Ph.D.*, University of North Carolina at Charlotte, *Settling in a Maturing 21st Century Immigrant Gateway: Lessons from Charlotte, North Carolina.***1:00** Sebastian Burset*, University of Illinois at Urbana-Champaign; Monika Stodolska, Associate Professor, University of Illinois at Urbana-Champaign, *Constraints on Leisure and Travel among Undocumented Latino Immigrants.***1:20** Elizabeth Chacko*, The George Washington University, *Of nomenclature and acceptance: identity formation among first and second generation Asian Indians in the United States.***1:40** Alan Marcus, Ph.D.*, Towson University, *The Brazilian Jeito and Gerson's Law as a Geographical Necessity.*

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4476. Agrarian Change III: Critical Geographies of Land, Social Mobilization, and Agrarian Political Economy (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

- Room:** Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Alejandro Camargo, Syracuse University
 CHAIR(S): Andrew Jobling, Sheffield Hallam University
12:40 Ryan Ehrhart*, CUNY Graduate Center, *The struggle against debt, land tenure instability, and proletarianization in a shifting agrarian political economy.*
1:00 Patrick F Baur*, University of California, Berkeley, *Unpacking the Soil-Hunger Problem: The Role of Cognitive Space in Forming the Ideology of Industrial Agriculture.*
1:20 Gary R Schnakenberg*, Michigan State University, *"What is a Farm?" Markets, Inputs, and Discourse in St Elizabeth, Jamaica.*
1:40 Ben Brisbois, B.Sc., MES*, University of British Columbia, *Scalar narratives of pesticide-related health risk in Ecuador's banana industry: A political ecology of health approach.*
2:00 Stian Rice*, Kent State University, *Planting for Power: How the Dutch Cultivated Control in East Sumatra.*

4477. Deaf Geographies I - Foundations for Deaf Geographies (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

- Room:** Park Suite 1, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Austin Kocher, The Ohio State University, Department of Geography; Cynthia Benoit
 CHAIR(S): Cynthia Benoit
12:40 Austin Kocher*, The Ohio State University, Department of Geography, *What is Deaf Geography?: An Interpreter Steps Out of Role.*
1:00 Emily Fekete*, University of Kansas, *Geography and American Sign Language: Rethinking Language and Space.*
1:20 Mike Gulliver*, University of Bristol, *Deaf Geographies - pasts, presents, futures.*
1:40 Pierre Schmitt*, Center for Language, Interaction and Culture (CLIC), UCLA, *International Deaf Geographies : Toward a Global Community ?.*

4478. Watershed Response to Environmental Change: Special Session in Honor of Jim Knox I (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group)

- Room:** Park Suite 2, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Francis Magilligan, Dartmouth College; Patricia McDowell, University of Oregon
 CHAIR(S): J. Michael Daniels, University of Denver
12:40 Patrick J Bartlein*, University of Oregon, *Hydroclimatology of the Upper Mississippi Valley.*
1:00 Katherine K Hirschboeck*, University of Arizona, *Over Three Decades of Probing the Disconnect between Floods, Climate Change and Flood Frequency Analysis.*
1:20 Richard Marston*, Kansas State University and U.S. Department of State, *Integrative Concepts in Understanding Human Impacts in Riverscapes.*
1:40 Robert T Pavlowsky*, Missouri State University; Marc R Owen, Missouri State University; Scott A Lecce, East Carolina University; Lindsay M Olson, Missouri State University, *Historical Disturbance and Recovery in an Ozarks River, Southeast Missouri.*
2:00 Scott A. Lecce*, East Carolina University; Robert T. Pavlowsky, Missouri State University, *Floodplain Storage of Sediment Contaminated by Mercury and Copper from Historic Gold Mining at Gold Hill, North Carolina.*

4479. Author Meets Interlocutors: Karen Tongson's Relocations: Queer Suburban Imaginaries (Sponsored by Sexuality and Space Specialty Group)

- Room:** Park Suite 3, Sheraton, Fifth Floor (Panel Session)
 ORGANIZER(S): Jasbir Puar, Rutgers University
 CHAIR(S): Jasbir Puar, Rutgers University
 Discussant(s): Karen Tongson, University of Southern California
 Panelists: Lorena Muñoz, University of Minnesota; Jose E. Munoz, NYU; Meredith Raimondo, Oberlin College; Laura Pulido, University of Southern California

4480. Measuring Accessibility (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

- Room:** Park Suite 4, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Antonio Paez
 CHAIR(S): Antonio Paez
12:40 Mario F. Reyes*, McMaster University; Antonio Paez, McMaster University; Catherine Morency, Ecole Polytechnique Montreal, *Accessibility to Urban Parks in Montreal from the Perspective of Children.*
1:00 Florence Huguenin-Richard, Université de Paris IV ? Sorbonne; Marie-Soleil Cloutier*, Institut National de Recherche Scientifique-Centre Urbanisation Culture et Société; Marie-Axelle Granié, Institut Français des Sciences et Technologies des Transports, de l'Aménagement et des Réseaux, *Elderly Pedestrians: Walking the City Differently to Understand their Daily Geography.*
1:20 Pamela Dalal*, University of California, Santa Barbara; Konstadinos G Goulias, University of California, Santa Barbara, *Measuring the Evolution of Accessibility in a Dynamic Urban Landscape.*
1:40 Donald W. Buckwalter*, Indiana University of Pennsylvania, *Multi-Centric Pittsburgh: Changing Nodal Accessibility, 1980-2012.*
2:00 Fredrik Andersson, Office of the Comptroller of the Currency; Sheharyar Bokhari, Massachusetts Institute of Technology; John C. Haltiwanger, University of Maryland; Mark J. Kutzbach, U.S. Bureau of the Census; Henry O. Pollakowski, Harvard University; Daniel Weinberg*, U.S. Bureau of the Census, *The Measurement of Job Accessibility.*

4481. Energy Geographies: what, how and where do we teach energy issues? (Sponsored by Energy and Environment Specialty Group)

- Room:** Park Suite 5, Sheraton, Fifth Floor (Panel Session)
 ORGANIZER(S): Gavin Bridge, University of Manchester; Matthew Huber, Syracuse University
 CHAIR(S): Matthew Huber, Syracuse University
 Introducer: Gavin Bridge
 Panelists: Johanna Haas, Illinois State University; Janelle Knox-Hayes, Georgia Institute of Technology; Scott Justo, Worcester Polytechnic Institute; Michael Heiman, Dickinson College

MONDAY, FEBRUARY 27 • 2:40 PM - 4:20 PM • 4500**2:40 p.m. - 4:20 p.m.****4501. Spacing the Arts II: Exploring Geographies of Public Art from Within**

Room: Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

CHAIR(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

2:40 Andrew Hewitt*, University of Wolverhampton, *Public Art and the Public Sphere: Can Art Be Public? Publicly Funded Art in Culture-Led Regeneration.***3:00** Eje Kim*, Gyeongin National University of Education, *Public Art and Urban Regeneration in Korea: Critical Reflections on Anyang Public Art Projects.***3:20** Suwathna Reel*, Brock University, *Re-Painting and Re-Shaping Space: Art, Space and Memory in Toronto.***3:40** Marielle P Barrow, BSc., PgD, Mphil*, George Mason University, *Performance, Monument and Spectacle: Spatial Recalculations and the Blurring of Boundaries in Public Art.*

Discussant(s): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

4502. Mediterraneans: The Making and Unmaking of the Spatial Imagination of the Middle Seas: Part III – Mediterranean Metaphors (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, European Specialty Group)

Room: Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Philip Steinberg, Florida State University; Paolo Giaccaria, University of Torino

CHAIR(S): Claudio Minca, Wageningen University

2:40 Philip Steinberg*, Florida State University, *Putting Mediterranean Metaphors to Work: The Politics of Mediterraneanization in the Arctic Ocean and the Caribbean/Gulf of Mexico.***3:00** Julia Verne*, Goethe University of Frankfurt, *'Regionalising paradigms': Culture and Space in Constructions of the Indian Ocean.*

Discussant(s): Katherine Fleming, Remarque Institute; Paolo Giaccaria, University of Torino; Claudio Minca, Wageningen University

4503. Contemporary Nomads: Artists and the Deterritorializing of Place (Sponsored by Cultural Geography Specialty Group)

Room: Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Rene Marquez, Department of Art, University of Delaware; Lance Winn, department of art

CHAIR(S): Lance Winn, department of art

2:40 Alberto Vanolo*, Dipartimento Interateneo Territorio, Politecnico e Università di Torino, *Contemporary art, electronic music and urban cultural branding: the case of 'Club to Club' 2011 event, Turin (Italy).***3:00** Robert Douglas Lemon, MCRP, MLARCH, PhD Student*, Department of Geography- University of Texas @ Austin., *Taco Trucks in Virtual Places.***3:20** Heather Whipple*, Brock University, *The Curious Place of Outer Space.***3:40** Marian Mustoe*, Eastern Oregon University, *The National Test of the Emergency Alert System.*

Discussant(s): Lance Winn, department of art

4504. Social Justice on the Move: Transportation, Equity, and Environment (Part of the Social Justice, Media, and Human Rights Special Session Track, Urban Geography Specialty Group, Transportation Geography Specialty Group)

Room: Concourse D, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Jeffrey Zimmerman

2:40 Tor H Oiamo, PhD Candidate*, The University of WesternOntario; Isaac N Luginaah, PhD, The University of Western Ontario; Joy Parr, PhD, The University of Western Ontario, *Social sustainability in borderland environments of mobility: a case study in Windsor, Ontario, Canada.***3:00** Rosibel Roman*, Florida International University, *An Urban Socio-ecological Inquiry into South Florida's Socio-spatial Marginalization of Elderly Pedestrians.***3:20** Sara E Grineski*, University of Texas at El Paso; Jayajit Chakraborty*, University of South Florida; Timothy William Collins, PhD, University of Texas at El Paso, *Hispanic heterogeneity and environmental injustice: Intra-ethnic patterns of exposure to vehicular air pollution in Miami.***3:40** Laure Charleux*, University of Minnesota-Duluth; Isabelle André-Poyaud, CNRS - UMR PACTE; Sonia Chardonnel, CNRS - UMR PACTE; Fabien Del Olmo, *An Applied Study on Social Equity Related Impacts of a Projected LEZ (Low Emission Zone) in the French City of Grenoble.***4:00** Jeffrey Zimmerman*, University of Wisconsin-Whitewater; jeffrey a zimmerman, PhD, University of Wisconsin-Whitewater, *Reclaiming urban space though "bicycle spectacle": bike culture, the politics of movement and the Underwear Bicycle Ride in Milwaukee.***4505. Violence in Our City: The Geography of Violence and Its Spatial Influences (Part 2) (Part of the Social Justice, Media, and Human Rights Special Session Track, Military Geography Specialty Group, Health and Medical Geography Specialty Group)**

Room: Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Melissa J. Rura; Robert Lipton, Beth Israel Deaconess Medical Center

CHAIR(S): Melissa J. Rura

2:40 Xue Luo*, Department of Geography, Faculty of Environment, University of Waterloo; Su-Yin Tan, Department of Geography, Faculty of Environment, University of Waterloo, *Spatial Analysis of Violent and Property Crime and Related Neighbourhood Characteristics in the City of Toronto.***3:00** Xiaowen Yang*, MIT; Anthony Braga, Harvard Kennedy School; Nina Joyce, Brown University; Robert Lipton, University of Michigan, *Neighborhood Accessibility, Collective Efficacy and Urban Crime.***3:20** Jamison Conley*, West Virginia University; Rachel Stein, West Virginia University; Clinton Davis, West Virginia University, *Contrasting Physical Disorder and Collective Efficacy Theories of Crime Using Geographically Weighted Regression.***3:40** Robert Lipton*, Emergency Medicine, University of Michigan Medical School; Xiaowen Yang, Ph.D., MIT; Melissa Rura, Ph.D., Emergency Medicine, University of Michigan Medical School; Anthony Braga, Ph.D., Rutgers University, Dept. of Criminal Justice, *Violent hot spot geography in Boston.***4507. Challenges in Dendrochronology I**

Room: Concourse G, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Scott St. George, University of Minnesota; Neil Pederson, Columbia University

CHAIR(S): Scott St. George, University of Minnesota

2:40 Kurt Kipfmüller*, University of Minnesota, *Does proxy uncertainty affect the relations inferred between the Pacific Decadal Oscillation and wildfire activity in the western United States?.***3:00** Daniel L Druckenbrod*, Rider University; Neil Pederson, Lamont-Doherty Earth Observatory; Edward R. Cook, Lamont-Doherty Earth Observatory; James S. Rentch, West Virginia University, *A comparison of times series approaches for identifying past canopy disturbance*

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events from tree-ring widths.

3:20 Gerd Helle*, Helmholtz Centre Potsdam German Centre for Geosciences GFZ; Ingo Heinrich, Helmholtz Centre Potsdam German Centre for Geosciences GFZ, *Stable Isotope dendrochronology - State-of-the-Art, Prospects and Challenges.*

3:40 Laia Andreu Hayles*, TRL, LDEO, Columbia University; Rosanne D'Arrigo, TRL, LDEO, Columbia University; Kevin J Anchukaitis, TRL, LDEO, Columbia University; Pieter S A Beck, Woods Hole Research Center; David Frank, Swiss Federal Research Institute WSL; Scott Goetz, Woods Hole Research Center, *Varying boreal forest response to Arctic environmental change.*

4:00 Erika Wise*, University of North Carolina at Chapel Hill, *The Challenge of Reconstructing Shifting Ocean-Atmosphere Systems from Stationary Tree-Ring Recorders in Dendroclimatology.*

4508. Planetary Urbanization (part 2)

Room: *Beekman Parlor, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): David Wachsmuth, New York University; Stuart Schrader

CHAIR(S): Christian Schmid, ETH Zurich

2:40 Monika Streule*, D-ARCH, ETH Zurich, Switzerland, *Following the urbanization processes in the metropolitan area of Mexico City.*

3:00 Daniel Aldana Cohen*, NYU, *São Paulo's Politics of Climate Change: Whose Green World City?*

3:20 Ozan Karaman*, ETH Singapore, *Disciplining the gecekondu: new spatial configurations in Istanbul.*

3:40 Christian Schmid*, ETH Zurich, *Patterns and Pathways of Planetary Urbanization.*

4510. Invasive Species: Spatial Distributions, Interactions and Impacts (Sponsored by Biogeography Specialty Group)

Room: *Clinton Suite, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Jennifer Weaver

CHAIR(S): Jennifer Weaver

2:40 Jennifer Weaver*, University of Toronto; Tenley Conway, University of Toronto Mississauga; Marie-Josée Fortin, University of Toronto, *Factors Explaining An Invasive Species' Distribution in Both its Native and Non-Native Ranges.*

3:00 John Rodgers*, Mississippi State University, *Resiliency of the invasive Australian pine to disturbance: a case study on San Salvador Island, The Bahamas.*

3:20 Jim Kernan, PhD*, SUNY Geneseo, *Assessing Vulnerability to Emerald Ash Borer in Western New York State.*

3:40 Annika Björklund, PhD*, Department of Human Geography, Stockholm University; Camilla Årlin, PhD, Department of Human Geography, Stockholm University, *Defining invasive species? Transformative man-boar relationships and inverted Swedish landscapes.*

4:00 George Roderick*, University of California, Berkeley; Neil Davies, UC, Berkeley, Gump Station, Moorea; Rosemary Gillespie, University of California, Berkeley, *Biological collections, databases, DNA, and unique identifiers: Opportunities for the study of invasive species.*

4511. (Im)Mobilities of Dwelling: Places and Practices 4 (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: *Gibson Suite, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich; Sybille Frank, Technical University Darmstadt

CHAIR(S): Silke Steets, Darmstadt University of Technology

2:40 Eveline Althaus*, ETH CASE, Faculty of Architecture;

Marie A. Glaser*, ETH Wohnforum - ETH CASE, *In between the Built and the Experienced Space: Researching Permanence and Change by Means of a House-Biography.*

3:00 Pascal De Decker, Dr.*, University College Ghent and Sint-Lucas School of Architecture Ghent/Brussels, *Practices that sustain a stable suburban life in Belgium: renovation over the life course and playing taxi.*

3:20 Jerome Krase, Ph.D.*, Brooklyn College, *Seeing Residential Im/mobilities in New York City.*

3:40 Anita Aigner*, TU Vienna, *Living in heritage-protected Modern Movement estates: taste, social inequality and cultural conflicts.*

4512. Food in the City 2: Exploring Space, Place and Taste

Room: *Gramercy Suite A, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Lenore L. Newman, University of the Fraser Valley

CHAIR(S): Pablo Bose, University of Vermont

2:40 Tenley M Conway*, University of Toronto, Mississauga; Tooba Shakeel, University of Toronto, Mississauga, *Tomatoes or Trees: Meeting urban agriculture and urban forestry goals in the same backyard.*

3:00 Sarah A. Moore*, University of Arizona, *Growing Connections: School Gardens and Youth Cultural Identity In Tucson, Arizona.*

3:20 Marla R. Emery, Ph.D.*, USDA Forest Service; Patrick T. Hurley, Ph.D., Ursinus College; Rebecca McLain, Ph.D., Institute for Culture and Ecology; Melissa Poe, Ph.D., Institute for Culture and Ecology; Lindsay Campbell, USDA Forest Service; Erika Svendsen, Ph.D., USDA Forest Service, *Wild Food Spaces: Celebration and Anxiety in New York City.*

3:40 Susan Buhler, PhD(c), RD*, University of Alberta; Kim D Raine, PhD, RD, University of Alberta, *"Even if it was a block away I wouldn't go to that grocery store": A qualitative examination of the factors influencing grocery store choice.*

4:00 Pablo S Bose*, University of Vermont; Alisha N Laramée, Vermont Migrant Education Program, *The Taste of Home: Migration, Food and Belonging in a Changing Vermont.*

4513. Economic Geography of Carbon and Industry

Room: *Gramercy Suite B, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Taner Osman, University of California, Los Angeles

2:40 Namji Jung*, Cornell University, *The worker-firm-region nexus: how real people and real work shape regional innovative capacity in a highly transitional industry sector.*

3:00 Karen M King, PhD*, University of Toronto; Kevin Stolarick, PhD, University of Toronto, *Comparing the Occupation-Industry Mix in Canada Between 1996 and 2006.*

3:20 Dörner Matthias*, Institute for Employment Research (IAB); Uwe Blien, Institute for Employment Research (IAB), *From crisis to prosperity - the development of a monostructured German regional labor market.*

3:40 Taner Osman*, University of California, Los Angeles, *The Shadow of Silicon Valley: The Dispersion of the IT Industry in the San Francisco Bay Area.*

4:00 Dongsuk Huh*, Seoul National University, *Evolution of the IT Service industry in Fairfax County, US.*

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Room: *Lincoln Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Jay T Johnson, University of Kansas
 CHAIR(S): Sarah De Leeuw, University of Northern British Columbia

2:40 Gretchen Hernandez, MA*, Simon Fraser University, *Taking Back Development: Indigenous Communities, Social and Community Economy in the Bolivian Highlands.*

3:00 Eric Samson*, Mayan Esteem Project; Central Connecticut State University, *The Current State of the Zapatista Rebellion.*

3:20 Jen McCormack, PhD Candidate*, University of Arizona, *The Gwich'in Nation and Co-Existing Sovereignities.*

3:40 Jane M. Read*, Syracuse University; Anthony R. Cummings, Syracuse University, *Changing Land Tenure and its Influence on Land Use in the Rupununi, Guyana.*

4515. Getting Your First Academic Job (Sponsored by Graduate Student Affinity Group, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: *Madison Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): David A. Parr, Texas State University, San Marcos; Joy K. Adams, Association of American Geographers
 CHAIR(S): David A. Parr, Texas State University, San Marcos
 Panelists: Andrew Day, University of Louisville; Stephen Aldrich; Keith Bremer, Texas State University - San Marcos; Zoë A Meletis, University of Northern British Columbia; Theresa Wong, Carleton University; Yongmei Lu, Texas State University - San Marcos

4516. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies V (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Elizabeth Mack, Arizona State University; Kevin Stolarick, University of Toronto
 CHAIR(S): Kevin Stolarick, University of Toronto
2:40 Sven Conventz*, Munich Technical University; Ashraf M. Salama, Qatar University; Florian Wiedmann, Qatar University; Nina N. Alailly-Mattar, Munich Technical University; Alain Thierstein, Munich Technical University, *Investigating Urban Qualities in Emerging Knowledge Economies: The Case of Doha.*
3:00 Johan Jansson*, Uppsala University; Anders Waxell, Uppsala University, *Towards a quality-based regional competitiveness.*
3:20 Stephen Buckman*, Arizona State University, *Canal Oriented Development: Developers Perspective.*
3:40 Karl-Johan Lundquist*, Department of Human Geography, Lund University, Sweden; Lars-Olof Olander, Department of Human Geography, Lund University, Sweden, *Decomposing long term regional growth - generalized endemic, systemic and unique determinants of regional growth.*
4:00 Luke Binns*, D.I.T., *Wither the 'Creative City'? The Rise and Demise of a Creative City Exemplar.*

4517. Dendrochronology IV: North American Dendroecological Fieldweek (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; James Speer, Indiana State University
 CHAIR(S): Christine Rollinson, Penn State University
2:40 Michael Pisarcic*, Carleton University; Trevor J Porter, Carleton University; Peter deMontigny, Carleton University; Melissa Dick, Carleton University; Joelle T Perrault, Carleton University; Kerry-Lynn Robillard, Carleton University; Ève Wertheimer, National Capital Commission, *Development of a multicentennial eastern white pine tree ring chronology from salvaged river logs and its utility for dendroarcheological dating in eastern Ontario, Canada.*
3:00 Justin T. Maxwell*, UNC at Greensboro; Grant L. Harley, University of Tennessee; David H. Holt, Ph.D., University of Southern Mississippi; Carl Apsher, Board Certified Master Arborist; Niki A. Garland, University of Tennessee; B. Jacob Beale, Virginia Polytechnic Institute and State University; Mathew S. Boehm, University of Tennessee; Alex W. Dye, University of Tennessee; Kristen A. de Graauw, Indiana State University; Anna-Maria Rautio, Swedish University of Agricultural Sciences; Henri D. Grissino-Mayer, University of Tennessee, *Techniques of dendroarchaeology elucidate the construction history of an early 19th century settlement compound, southwestern Virginia, USA.*
3:20 Christine Rollinson*, Penn State University; Grant Harley, University of Tennessee, Knoxville; John Peterson, Virginia Tech; Peter Brown, PhD, Rocky Mountain Tree Ring Research; Nathan Beane, PhD, US Army Corps of Engineers; Jim Buck, PhD, US Department of Agriculture; Alex Collins, Michigan Tech University; Steven Hughes, US Forest Service; Sam Jackson, US Army Corps of Engineers; Rebecca Kidd, Virginia Tech; Derek Luchik, Purdue University; Alexander Stewart, PhD, Saint Lawrence University; Jane Wolken, PhD, University of Alaska Fairbanks, *Comparing two different forest succession pathways in an abandoned homestead in southwest Virginia using dendrochronology.*
3:40 Emily J. Silver*, University of Minnesota; Nicholas J. Reo, Ph.D., University of Michigan; Samuel Wood, Ph.D., University of Tasmania; Lauren F. Howard, Ph.D., Arcadia University; Alexander K. Anning, Ohio University; Henry M. Wilbur, Ph.D., University of Virginia; James H. Speer, Ph.D., Indiana State University; Margot Kaye, Ph.D., The Pennsylvania State University, *Fire History and Age Structure of an Oak-Pine Forest on Price Mountain, Virginia.*
4:00 James Speer*, Indiana State University; Chris Gentry, Austin Peay State University; Henri Grissino-Mayer, University of Tennessee; Peter Brown, Rocky Mountain Tree-Ring Research, *The North American Dendroecological Fieldweek (NADEF): 20 Years of a Professional Development Workshops.*

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- 4518. Reflections on Geographic Information Science: Paper Session in Honor of Michael Goodchild (Sponsored by Geographic Information Science and Systems Specialty Group, Esri, Spatial Analysis and Modeling Specialty Group)**

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Karen Kemp; Nina Lam, Louisiana State University

CHAIR(S): Karen Kemp

Introducer: Karen Kemp

2:45 Paul A Longley, B.Sc., Ph.D., D.Sc.*, University College London, *People, places, and the practice of geographic information science.*

2:58 Luc Anselin*, Arizona State University; Sergio J Rey, Arizona State University, *Spatial Econometrics in an Age of CyberGIScience.*

3:11 Shashi Shekhar, Ph.D.*, University of Minnesota, *Evacuation Route Planning for Mega-disasters Emergency Response.*

3:24 Donald G Janelle*, University of California, Santa Barbara, *Space-adjusting Technologies and the Social Ecologies of Place.*

3:37 May Yuan*, Univ of Oklahoma, *Representation Research in Geographical Information Science and Spatial Sciences.*

3:50 Werner Kuhn*, Institute for Geoinformatics, University of Muenster, *The sciences behind the systems: toward a transdisciplinary role for spatial information.*

Discussant(s): Nina Lam, Louisiana State University

- 4519. New perspectives on the geographies of religion and faith (Sponsored by Geography of Religions and Belief Systems Specialty Group)**

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Eoin O'Mahony; David J. Butler, University of Limerick (UL), Ireland

CHAIR(S): Eoin O'Mahony

2:40 Eoin O'Mahony*, National University of Ireland, Maynooth, *Journey geographies: a week's walking and a year's worth of data.*

3:00 David J. Butler*, Academic Director (IARC), University of Limerick (UL), Ireland, *"Getting the word out": The culture of deaths and obituaries in nineteenth century Ireland.*

3:20 Jeff Garmany*, King's College London, *Slums, space, and spirituality: Practicing religious diversity in contemporary urban Brazil.*

3:40 Adrian Ivakhiv*, University of Vermont, *Green Pilgrimage: The Affective Geographies of Ecospirituality.*

Discussant(s): Stanley Brunn, University of Kentucky

- 4520. Urban Citizenships and Counter-Citizenships II (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)**

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Ted Rutland, University of British Columbia; Jacob Remes, SUNY Empire State College

CHAIR(S): Ted Rutland, University of British Columbia

2:40 Lisa Krissoff Boehm*, Worcester State University, *"A Little Heaven Here": 1940s Detroit and the Quest for Social Justice.*

3:00 Peter Pihos*, Department of History, University of Pennsylvania, *'Black Power' and Black Police in 1970s Chicago.*

3:20 Jay W Driskell*, Hood College, *"First-Class Citizens": Atlanta's Neighborhood Union and the Politicians of Respectability.*

3:40 Donna Murch*, Rutgers University

- 4521. From supercells to water quality: modeling atmospheric and oceanographic processes**

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Haydee Salmun, Hunter College - City University

CHAIR(S): Frank Buonaiuto, Hunter College

2:40 Catherine King, MS*, Earth and Environmental Sciences Doctoral Program, The Graduate Center at the City University of New York, Laboratory of Atmospheric and Marine Research, Department of Geography, Hunter College, *Teaching about Human Rights and the Environment: Perspectives from Earth Science and Geography.*

3:00 Kamila Wisniewska*, EES GC and Geography Department, Hunter College, *Using the Regional Ocean Modeling System (ROMS) to Study Water Quality in the Long Island Sound.*

3:20 Aline Gjellaj*, *Notes from the Field - Forecasting Instability in a Dynamic Atmosphere: from Blue Skies to Supercell.*

3:40 Mark Dempsey, BA Environmental Earth Science*, Hunter College, CUNY, *Mapping the Atmospheric Boundary Layer from Operational Wind Profilers Data.*

4:00 Tracy Tran*, Environmental and Earth Science, The Catalyst Program, Department of Geography, Hunter College, CUNY The Catalyst Scholarship Program, Hunter College, CUNY, *The Power of Tides.*

- 4522. Physical Geography II**

Room: Rhinelander Gallery, Hilton, Second Floor (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S): Xulin Guo, University of Saskatchewan

Seth Gorelik*, University of California, Santa Barbara; Mark O'Connor, University of California, Santa Barbara; Bryan Karaffa, University of California, Santa Barbara; Stephen Alex Gee, University of California, Santa Barbara, *Modeling the Sea Cliff Retreat in Isla Vista, California.*

Beth Stein*, Virginia Tech; Valerie A Thomas, Virginia Tech; Dean Stauffer, Virginia Tech, *Assessing the Relationship Between Landscape Fragmentation Metrics and Wildlife Biodiversity Across Virginia's Ecoregions.*

Samuel Jantz*, University of Maryland, College Park; Brian Barker, University of Maryland, College Park; Rachel Moore, University of Maryland, College Park; Jacob Noel, University of Maryland, College Park; Qiongyu Huang, University of Maryland, College Park, *Projected Land Cover/Land-Use Change and Hotspot Biodiversity.*

Danxia Song*, Global Land Cover Facility, Department of Geography, University of Maryland; Chengquan Huang, Global Land Cover Facility, Department of Geography, University of Maryland; Joseph Sexton, Global Land Cover Facility, Department of Geography, University of Maryland; Saurabh Channan, Global Land Cover Facility, Department of Geography, University of Maryland; John Townshend, Global Land Cover Facility, Department of Geography, University of Maryland, *Monitoring Forest Change Using Declassified Corona Data.*

Charlotte P. Buehler*, Mississippi State University; John Rodgers, Ph.D., Mississippi State University, *An investigation for potential allelopathy and modification of the environment through the presence of Casuarina equisetifolia (Australian pine) on San Salvador Island, The Bahamas.*

Erika Chin*, Binghamton University, *Patterns of Plant Species Richness in the Contiguous United States.*

Michael A Henkin*, *Invasibility of Non-native Lonicera Maackii over 18 Years of Change in a Southwestern Ohio*

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- Forest Stand.*
- Michaela Friedrichova*, NIU; David Goldblum; Lesley Rigg, *Effects of Experimental Removal of Coexisting Sugar Maple (Acer saccharum) and Trout Lily (Erythronium americanum) on the Overall Plant Growth and Survival.*
- Justin Hart*, University of Alabama; Megan Buchanan, University of Minnesota; Stacy Clark, USDA Forest Service; Scott Torreano, University of the South, *Patterns of canopy recruitment and climate-growth relationships in red maple.*
- Peter T. Soule*, Appalachian State University; Paul A. Knapp, The University of North Carolina at Greensboro, *Radial Growth Comparisons of co-Occurring Healthy versus Mountain Pine Beetle-Killed Ponderosa Pine Trees in Montana.*
- Ian A. Slayton*, University of Denver; Donald G. Sullivan, University of Denver; Nicolas Benedict, Escience Labs, Sheridan, CO, *Results of A Multi-Proxy Analysis of a Holocene Peat Core from Smuggler Mountain, Pitkin County, Colorado.*
- Gang Hu*, Institute of Tibetan Plateau Research, Chinese Academy of Sciences, *OSL dating on morainic sediments from Qilian Mountain since Neoglaciation and their implications for climatic change.*
- Kathryn Prociw*, Virginia Tech Department of Geography, *The Effects of the Terrain of the Southern Appalachian Mountains on Rotational Low-Level Wind Fields of Supercell Thunderstorms.*
- Kyle K. Kosovich, Graduate Student*, Missouri State University; Robert T. Pavlowsky, Ph.D., Missouri State University, *Gravel sediment sources and bar distribution within the channel network of upper Bull Creek, southwest Missouri.*
- John Andrew Jolly-Ballantine, Ph.D.*, University of Connecticut; James Stephen King, Ph.D., University of Oxford, UK, *Meteorological and surficial influences on dust mobilization observed at Mesquite Playa, Mojave Desert.*
- Jaimen Waha*, Michigan State University; Alan F. Arbogast, PhD, Michigan State University, *The Geomorphology of Coastal Dune Systems on the Islands of Northern Lake Michigan.*
- Luis Angel Angel Rodriguez Sedano, MC*, Centro de Geociencias, Universidad Nacional Autónoma de México; Damiano Sarocchi, PhD, Instituto de Geología de San Luis Potosí, Universidad Autónoma de San Luis Potosí; Anibal Montenegro, M.I., Doctorado Institucional en ingeniería y ciencias de los materiales, Universidad Autónoma de San Luis Potosí; Roberto Bartali, Doctorado Institucional en ingeniería y ciencias de los materiales, Universidad Autónoma de San Luis Potosí, *Lahar deposits successive to the 1913 Plinian eruption, in "La Lumbre" ravine, Colima volcano, México.*
- Belayet Khan*, Eastern Illinois University, *Temporal and Spatial Distribution Patterns of Meteorological Indicators and Recent Weather Anomalies in Bangladesh.*
- Alan F. Arbogast*, Michigan State University; Michael D. Luehmann, Michigan State University; Bradley A. Miller, Michigan State University; Jaimen D. Waha, Michigan State University; Phillippe A. Wernette, Michigan State University; Kristin M. Adams, Michigan State University; Glenn A. Oneil, Michigan State University; Jeremy J. Boothroyd, Michigan State University; Ying Tang, Michigan State University; Chad R. Babcock, Michigan State University, *Late-Pleistocene Wind-Flow Patterns and Dune Formation in North-Central Lower Michigan.*
- Patricia Lawston*, University of Delaware; Brian Hanson, Ph.D., University of Delaware; Daniel Leathers, Ph.D., University of Delaware, *Simulating the Effects of the St. Louis Urban Center on Mesoscale Convective Systems using WRF.*
- Joshua R White, Arizona State University; Randall Cervený*, Arizona State University; Robert C. Balling, Arizona State University, *Seasonality and Trends in European Red Dust/ "Blood" Rain Events.*
- Dustin W. Pollard*, University of North Carolina Wilmington; Jessica S. Patrick, University of North Carolina Wilmington; Joey H Jazwinski, University of North Carolina Wilmington; Tanya J Klinefelter, University of North Carolina Wilmington; Brooks B. Ellwood, Louisiana State University; Jonathan A. Haws, University of Louisville; Michael M Benedetti, University of North Carolina Wilmington, *Quaternary Stratigraphy, Mineralogy, and Geoarchaeology of Lapa do Picareiro, Portugal.*
- Colin S Belby, PhD*, University of Wisconsin - La Crosse; Ryan Perroy, PhD, University of Wisconsin-La Crosse; Nicole Feldmeier, University of Wisconsin-La Crosse, *Mapping the spatial distribution of lead shot in the La Crosse River Marsh using X-ray image analysis.*
- Rocky Graziano Bilotta*, STG, Inc., NOAA contractor, *Calculation of Frost Depth using the Air-freezing Index.*
- Nobuto Takahashi*, *Characteristics of summer frontal zone around Japan during 1951 to 2010.*
- Cary Lynch*, University of Connecticut, *Past and Projected NE US Summer Climate.*
- Tynan C Granberg, Texas A & M University; David M Cairns*, Texas A&M University; Charles W Lafon, Texas A & M University; Jon Moen, Umeå University, *Variation in treeline seedling establishment in response to herbivore density.*
- Jihoon Jung*, Ohio State University; Jason Eric Box, Ohio State University, *Empirical Orthogonal Function (EOF) reconstruction of Greenland ice sheet accumulation rates.*
- Manuel Hernandez*, Texas A&M University; Joe Tribbia, NCAR; Julie Caron, NCAR, *Analysis of Present Day and Future Precipitation in the Southwestern United States.*
- Carly Phelps*, University of Delaware; Brian Hanson, PhD, University of Delaware; Michael O'Neal, PhD, University of Delaware, *Effects of PDO Regime on Summer Melt of Glaciers in the Cascades.*
- Josh Durkee*, Western Kentucky University, *A climatology of subtropical South American persistent elongated convective systems.*
- Chad S Lane*, University of North Carolina - Wilmington; Jeffrey J Clark, Lawrence University; Andrew Knudsen, Lawrence University, *A Paleolimnological Record of Environmental Change and Bioluminescence from Laguna Grande, Puerto Rico.*
- Ben Prince*, Texas State University, *Land Transformations in the Bastrop County Colorado River Corridor.*
- Timothy Hawkins*, Shippensburg University; Olivia A. Braun, Shippensburg University, *Assessing the Influence of Weather Type and Rural Land Cover on a Small Urban Heat Island.*
- Rachel T Baxter, Graduate Student*, Lehigh University; Frank J Pazzaglia, Professor of Geology, Lehigh University, *Sediment provenance and transport in a mixed use, mid-sized, impaired mid-Atlantic watershed, Saucon Creek, Pennsylvania.*
- Nicholas Flinner*, UW-Platteville; Thomas Wilding; Evan R. Larson, UW-Platteville; Tom Mirti, St. Johns River Water Management District, *Developing a deeper knowledge of subtropical streamflow through ring width patterns in old growth longleaf pine (Pinus palustris) from the St. John's Watershed Management District, Florida, USA.*

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Brody Knaak*, University of Wisconsin - Platteville; Sara Allen, University of Wisconsin - Platteville; Leon Fowler, College of the Menominee Nation; Henry Dodge, College of the Menominee Nation; Steven G LaBarge, University of Wisconsin - Platteville; Evan R Larson, University of Wisconsin - Platteville, *Exploring the Potential Effects of Invasive Earthworms on growth Rates in Sugar Maple (Acer saccharum) Trees in the Menominee Forest of Northern Wisconsin.*

Frances Benitez*, University of Denver, *Examination of the Effects of Land Coverage Change on Sedimentary Deposition into a Coastal Lagoon on St. Croix, USVI.*

Michael Edwards*, University of West Georgia; Georgina G DeWeese, University of West Georgia; Erin L Casey, University of West Georgia, *Dendroarchaeological Dating of the Historic Green Hotel in Cave Springs, Georgia, USA.*

Li Shen, University of Saskatchewan; Huiping Xu, Tongji University; Xulin Guo*, University of Saskatchewan; Meng Li, University of Saskatchewan, *Characteristics of Large-scale Harmful Algal Blooms (HABs) in the Yangtze River Estuary and the Adjacent East China Sea (ECS) from 2000 to 2010.*

4523. Critical Geographies

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Chris Collinge, Birmingham University

2:40 Hosuk Lee*, North Georgia College & State University; Toralf Zschau, North Georgia College & State University, *Interdisciplinary Reconciliation between Political Ecology and Environmental Justice.*

3:00 Chris Van Dyke*, University of Kentucky, *Radicle Pebble Counting? A Place for Critical Physical Geography.*

3:20 Miguel D De Oliver, PhD*, University of Texas at San Antonio, *The Resurrection of the Historical Metanarrative: A case study of postmodernism's 'history' as an axis for progress.*

3:40 Chris Collinge*, Birmingham University, *Innovation: the social construction of novelty.*

4524. Perceptions of Climate Change

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Emma H DeVries, Calvin College

CHAIR(S): Emma H DeVries, Calvin College

2:40 James (Jim) Norwine*, Texas A&M - Kingsville, *Climate Change, Culture-Shift and "True Belief": Toward a Green, Religious (or Secular), and Self-Referential Worldview?*

3:00 Koon Kwai Kenneth Wong*, Hong Kong Baptist University, *Climate change and low-carbon living: Perceptions of secondary school students in Hong Kong.*

3:20 Zhongwei Liu*, University of Nevada, Las Vegas; William J. Smith Jr., Ph.D., University of Nevada, Las Vegas, *Climate change belief and perception of Nevada residents.*

3:40 Emma H DeVries*, Calvin College; Janel Curry, Ph.D., Calvin College; Thomas Ackerman, Ph.D., University of Washington, *Evangelicals and Global Warming: The Underlying Postulates of Competing Positions.*

4525. Place and Stigma: Coping, resistance and belonging(s)

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Paul Kirkness, University of Edinburgh

CHAIR(S): Paul Kirkness, University of Edinburgh

Introducer: Paul Kirkness

2:50 Alexandre Tavin*, Ecole Normale Supérieure (Lyon), *"Squatting, claiming, struggling, fearing": faces of violence and spaces of resistance in Cape Town squatters camps.*

3:06 Julien Migozzi*, Ecole Normale Supérieure de Lyon, *More than just a game : South African school rugby reshaping patterns of segregation and stigmatization in post-apartheid Cape Town.*

3:22 Andreas Tijé-Dra*, Friedrich-Alexander-University Erlangen-Nuremberg, *Counter-hegemonic Space-Discourses : the Example of French Rap Music.*

3:38 Wilson Sherwin*, Graduate Center CUNY, *Holding the Center: at risk spaces of debrouillardism in contemporary Marseille.*

3:54 João Queirós*, Institute of Sociology - University of Porto | Portugal, *Social transformations, policy shifts and the changing ways of dealing with stigma: explorations on Porto's case.*

4528. Reconstructing Paleoenvironments since the Last Glacial Maximum: II (Sponsored by Paleoenvironmental Change Specialty Group, Biogeography Specialty Group, Geomorphology Specialty Group)

Room: Grand Ballroom West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Michelle Goman, Sonoma State University

CHAIR(S): Michelle Goman, Sonoma State University

2:40 Carl Reese, Ph.D*, University of Southern Mississippi; Michael Ewing, University of Southern Mississippi, *A preliminary pollen record from the McCall Glacier, Brooks Range, Alaska.*

3:00 Nadia Jones*, Portland State University, *Investigating the Holocene History of Eliot Glacier, Mount Hood, Oregon.*

3:20 Jiaying Wu*, The University of Georgia; David F. Porinchu, The University of Georgia; Sally P. Horn, The University of Tennessee; Kurt A. Haberyan, Northwest Missouri State University, *Development of a Midge-Based Inference Model to Assess late Holocene Climate Change in Costa Rica.*

3:40 Philip Van Beynen*, University of South Florida; Anna Pollock, University of South Florida, *Cyclicity of mid-Holocene Paleoprecipitation in Belize.*

4:00 Michelle Goman*, Sonoma State University; Arthur Joyce, University of Colorado, Boulder; Farah Malik, Cornell University; William Middleton, Rochester Institute of Technology; Raymond Mueller, Richard Stockton College of New Jersey; Jeremy Sims, Rochester Institute of Technology; Brian Todt, Rochester Institute of Technology; Stefanie Carey, Rochester Institute of Technology; Elizabeth Marchiondo, Rochester Institute of Technology, *Expanding our understanding of Prehistoric Landuse in the Lower Río Verde Valley, Oaxaca; the site of Charco Lavado.*

4529. Biodiversity and Food in the Context of Development and Climate Change-II (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Development Geographies Specialty Group)

Room: Mercury Ballroom, Hilton, Third Floor (Panel Session)

ORGANIZER(S): Karl Zimmerer, Pennsylvania State University

CHAIR(S): Thomas Rudel, Rutgers University

Introducer: Karl Zimmerer

Discussant(s): Thomas Rudel, Rutgers University

Panelists: Laurajean Lewis, Washington State University; Miguel Pinedo-Vasquez, Center for Environmental Research and Conservation, Columbia University; Amy M. Lerner, Rutgers University

MONDAY, FEBRUARY 27 • 2:40 PM - 4:20 PM • 4500**4530. Intervention and Embeddedness, Art Practice and Environmental Discourse (Sponsored by Cultural Geography Specialty Group)***Room:* Mercury Rotunda, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Simon A Read, Middlesex University

CHAIR(S): Karen E. Till, NUI Maynooth

2:40 David Haley*, Manchester Metro University, *Ecology In Practice: the Art of Transdisciplinarity*.**3:00** Christine Baeumler*, University of Minnesota, *The Resident Artist: An Embedded Approach to Ecological and Community-Based Practice*.**3:20** Simon A Read*, Middlesex University, *Art by Stealth*.**3:40** Timothy m Collins, Prof*, glasgow school of art; Reiko Goto Collins, Robert Gordon University, *Freedom and Empathy in Practice*.

Discussant(s): Suzaan Boettger, Bergen Community College

4531. Geographies of Whiteness II*Room:* Petit Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Laura Barraclough, Kalamazoo College

CHAIR(S): Rachel Brahinsky, University of California - Berkeley

2:40 Jennifer Clark*, Fordham University, *"Good (White) Girl Gone Bad: Patty Hearst, California Geographies, and 'Liberated' Womanhood"*.**3:00** Michael J. Boyle*, Department of Anthropology, Graduate Center, CUNY, *Faith-Based Inequality: Christian Charity, Uneven Development, and the Reproduction of White Privilege in Postindustrial America*.**3:20** Abby Hickcox*, University of Colorado, *Hispanics don't hike or recycle and other exclusionary myths of white subject formation*.**3:40** Cecilia Cissell Lucas, PhD Candidate*, UC Berkeley, *The Spatial Imaginations of "White Anti-Racists"*.**4532. Mining and its Impacts***Room:* Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Karen Heisler, Simon Fraser University

2:40 Thomas M. Hanlon, Instructor of Geography*, United States Military Academy, *The Impacts of the Mining Legacy in a Water-Scarce South Africa*.**3:00** Andrew Boni Noguez*, Centro de Investigaciones en Geografía Ambiental, UNAM, Mexico; Pedro Urquijo Torres, Centro de Investigaciones en Geografía Ambiental, UNAM, Mexico; Claudio Garibay Orozco, Centro de Investigaciones en Geografía Ambiental, UNAM, Mexico, *Mining and Place-Making in Mazapil, Mexico - An Historical Account, 1890's to Present*.**3:20** Tuija Mononen*, University of Eastern Finland, *Finnish Mining Communities: Capacities of Local Responses?*.**3:40** Isabel H McLoughlin*, USGS, *Trafficability Modeling of Artisanal Miners in Western Mali*.**4:00** Karen G Heisler*, Simon Fraser University, *Scales of Benefit: Political leverage in the negotiation of corporate social responsibility in mineral exploration and mining in rural British Columbia, Canada*.**4533. The Challenges of Integration: Community Networks and Civic Engagement***Room:* Trianon Ballroom, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Kay-Ann Williams

CHAIR(S): Beverley Mullings, Queen's University

2:40 Tatiana Matejskova*, Central European University, *Between Mixity and Enhoming? Practices of Immigrant Integration Projects in Eastern Berlin*.**2:53** Janine Rose*, York University, *Identity and Community and Civic Engagement: Caribbean Immigrant Organizations in the Greater Toronto Area (GTA)*.**3:13** Kay-Ann Williams*, Queen's University, *Immigrant**Integration through Social Networks- Jamaican Immigrants in Canada*.**3:33** Mariama Zaami*, University of Western Ontario; Joseph Mensah, Professor, York University; Godwin Arku, Professor, University of Western Ontario, *Gender and Socio-Spatial Exclusion among Blacks in Canada- A Case Study of Ghanaian Youth in Toronto*.**3:46** Joseph Mensah, Professor*, York University, *Seeing/Being Double: How African Immigrants in Canada Balance their Ethnoracial and National Identities*.

Discussant(s): Beverley Mullings, Queen's University

4535. Historical Landscapes and Cultural Transformation*Room:* East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Markus Vogl, Academy of Fine Arts Vienna

2:40 Liang Li*, Ritsumeikan Global Innovation Research Organization, Ritsumeikan University, Japan; Keiji Yano, Geography Department and Art Research Center, Ritsumeikan University, Japan; Woong Choi, Gunma National College of Technology, Japan; Kozaburo Hachimura, College of Information Science and Engineering, Ritsumeikan University, Japan; Takano Nishiura, College of Information Science and Engineering, Ritsumeikan University, Japan, *The Digital Museum of Gion Festival using Virtual Kyoto*.**3:00** Mac Blewer*, University of Wyoming; John M Blewer, Graduate Student, University of Wyoming, *The Barracks of Heart Mountain: Vanishing Structures of a Contested Landscape*.**3:20** Markus Vogl*, Academy of Fine Arts Vienna, *The undetermined space: on the ability of urban overall concepts - manifestos of architectural modernism - to transform*.**3:40** Hua Zhu*, *The Socio-cultural Impact of Tourist Activities on the Heritage Community --A Case Study of Mt. Emei, a World Heritage Site in China*.**4:00** Tadesse Kidane-Mariam*, Edinboro University of Pennsylvania, *Ethiopia's Ancient Material Iconographies: Some Notes on the Obelisks of Axum and the Rock-hewn Churches of Lalibela*.**4536. Researching and Improving Geography Graduate Education for STEM Careers (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))***Room:* Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Michael N. Solem, Association of American Geographers

CHAIR(S): Michael N. Solem, Association of American Geographers

2:40 Beth Schlemper*, University of Toledo, *Workplace Climate and Professional Identity among Geographers in Business, Government, and Non-Profit Organizations*.**2:55** Joy K. Adams*, Association of American Geographers, *Workplace obstacles and opportunities for BGN geographers*.**3:10** Jean E. McKendry*, Association of American Geographers, *Perspectives of Employers on the Value of Geographic Expertise, Skills, and Technologies*.**3:25** Michael N. Solem*, Association of American Geographers, *Assessing the Employability of Geography Graduate Students*.

Discussant(s): Marina Islas, University of Texas at Austin; Jesse Sayles, School of Geographical Sciences and Urban Studies, Arizona State University

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Room: *Harlem Suite, Hilton, Fourth Floor* (Workshop Session)
 ORGANIZER(S): Patricia A. Solis, Association of American Geographers; Joy K. Adams, Association of American Geographers
 CHAIR(S): Patricia A. Solis, Association of American Geographers
2:40 Patricia A. Solis, Association of American Geographers
 Discussant(s): Astrid Nicole Ng, AAG

4539. Cultural and Historical Geographies of Intra-Urban Mass Transit IV (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Transportation Geography Specialty Group)

Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Richard Dennis, University College London; Samuel Merrill, University College London
 CHAIR(S): Richard Dennis, University College London
2:40 Sarah Frohardt-Lane*, Birmingham-Southern College, *Buses as the means of last resort: Interracial Contact and the Stigmatization of Public Transit in the United States.*
3:00 Jay Young*, York University, *Safety, Aesthetics, and Civic Identity in Toronto's Subway, 1954-1978.*
3:20 Christian Mettke*, Darmstadt University of Technology, *"It's time to stop the war on cars" - Public Transit in Toronto.*
3:40 John Western*, Syracuse University, *A transport of delight? Strasburgers' reactions to their revived tram system.*
 Discussant(s): Owen Gutfreund, Hunter College

4540. Supporting qualitative research and research instruction in Geography departments (Sponsored by Qualitative Research Specialty Group)

Room: *Hudson Suite, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Hilda Kurtz, University of Georgia
 CHAIR(S): Hilda Kurtz, University of Georgia
 Introducer: Hilda Kurtz
 Panelists: Stuart C. Aitken, San Diego State University; Jamie Baxter, University of Western Ontario; Katherine Hankins, Georgia State University; Deborah G. Martin, Clark University

4541. Integrating Remote Sensing and GIS for Scientific Data I: Biosphere Applications (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, Remote Sensing Specialty Group)

Room: *Midtown Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Robert Raskin, Jet Propulsion Lab
 CHAIR(S): Robert Raskin, Jet Propulsion Lab
2:40 Prasanna Man Shrestha, MSC/MGIS, GISP*, TERA Environmental Consultants, Calgary, Canada; Greg McDermid, PhD, University of Calgary, Calgary, Canada, *Modeling spatial variability of forest structural attributes using a Geographical Information System (GIS)/Remote Sensing (RS) Approach.*
3:00 Manqi Li*, SUNY College of Environmental Science and Forestry; Jungbo Im, SUNY College of Environmental Science and Forestry, *Estimation of Forest Parameters Using Full Waveform LiDAR data: a Case Study over Huntington Wildlife Forest in the Adirondack Park.*
3:20 Harrison Bloom*, SUNY ESF; Giorgos Mountrakis, Ph.D., SUNY ESF, *Assessing vegetation dynamics under observed climatic events from volcanic activity.*
3:40 Geoffrey Fouad*, Department of Geography, San Diego State University; André Skupin, Ph.D., Department of Geography, San Diego State University; Allen S Hope, Ph.D., Department of Geography, San Diego State

University, *Environmental Controls of Watershed-scale Vegetation Phenology in Water-limited Ecosystems.*

4542. Contemporary Geographies of Brazilian Land Use Change (IV): Institutions and Governance (Sponsored by Latin America Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *New York Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Peter Richards, Michigan State University; Avery Cohn
 CHAIR(S): Avery Cohn
2:40 Gustavo Oliveira*, University of California at Berkeley, *Towards a Political Ecology of Agribusiness(es) in the Cerrado.*
3:00 Lisa Rausch*, University of Kansas, *Difficult in the best of circumstances: Industrial agriculture and environmental management in northern Mato Grosso.*
3:20 Michael Klingler*, Institute of Geography, University of Innsbruck, Austria, *From heroes to villains. The frontier of southwestern Pará struggles between strategies of modernization and public policies for sustainable regional development.*
3:40 Christian Brannstrom*, Texas A&M University, *The Institutional Scramble for the 20 Percent: Governance and Institutions in Brazil's Cerrado.*
 Discussant(s): Gustavo Oliveira, University of California at Berkeley; Lisa Rausch, University of Kansas; Michael Klingler, Institute of Geography; Christian Brannstrom, Texas A&M University

4544. The Housing Question Revisited III: 'Bourgeois Socialism'? Or the Freight of Community, Cooperation, Sustainability

Room: *Conference Room B, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Gordon MacLeod, University of Durham; Henrik Gutzon Larsen, University of Aalborg
 CHAIR(S): Anders Lund Hansen, Lund University
2:40 Gareth A. S. Edwards, PhD*, Durham University; Harriet A. Bulkeley, PhD, Durham University, *Climate justice and the housing question: Retrofitting, Philadelphia and the 'Coolest Block' Contest.*
3:00 Udi Engelsman*, University of Liverpool Management School; Alan Southern, Dr., University of Liverpool, *Contested space: community land trusts and the struggle for sustainable housing in inner city neighbourhoods.*
3:20 Sheryl-Ann Simpson*, Cornell University, *Comparative Possibilities in Housing and Immigration: state programs and local action in North American and Nordic countries.*
3:40 Sophie E Hochhaeusl, PhD student*, Cornell, *Assisted Autonomy: The Emergence and active Development of the Austrian Settlement and Allotment Garden Association.*
4:00 Henrik Gutzon Larsen*, Aalborg University, *Cooperative housing: a failure of 'bourgeois socialism' foretold?.*

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- 4545. Infrastructures of theory: rethinking 'megacity' 1**
Room: *Conference Room C, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Colin McFarlane, Durham University; Jennifer Robinson, University College London
 CHAIR(S): Ananya Roy
2:40 Ananya Roy*, University of California, Berkeley, *Reforming the Megacity: Postcoloniality and Infrastructures of Self-Government.*
3:00 Sylvia Nam*, University of California, Berkeley, *Speculation as Infrastructure: Circulations of the Future in Phnom Penh.*
3:20 Colin McFarlane*, Durham University, *Working infrastructure: making urban collectives.*
3:40 Susan Parnell*, University of Cape Town, *Origins of the infrastructure-institution disconnect in megacities of the global South.*
 Discussant(s): Matthew Gandy, University College London
- 4546. Animal Geographies IV: Bodies in Motion: Animality, Movement, and the Human-Animal Relationship (Sponsored by Graduate Student Affinity Group, Cultural Geography Specialty Group, Animal Geography Specialty Group)**
Room: *Conference Room D, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Sharon Adams, University of Texas Austin
 CHAIR(S): Sharon Adams, University of Texas Austin
2:40 Maan Barua*, University of Oxford, *Circulating Elephants: Unpacking the Geographies of a Cosmopolitan Animal.*
3:00 Richard Sambrook*, Eastern Michigan University; Rosanne Lorden, Ph.D., Eastern Kentucky University; Robert Mitchell, Ph.D., Eastern Kentucky University, *Ecotourism and knowledge of sea lions: Visitors vs. Residents.*
3:20 Yuki Hamada, Ph.D.*, Argonne National Laboratory; Kirk E. LaGory, Ph.D., Argonne National Laboratory; Paul F. Tarpey, Argonne National Laboratory; Cory C. Weber, Argonne National Laboratory, *Assessing the Cumulative Impacts of Wind Energy Development on Greater Sage-Grouse in Albany County, Wyoming Using an Individual-Based Model.*
3:40 Jennifer Blecha*, San Francisco State University, *Capturing the Swarm, Rescuing the Hive: Honeybee Collection in a Time of Collapse and Renewal.*
- 4547. European Urban Geography**
Room: *Conference Room E, Sheraton, Lower Level* (Paper Session)
 This session is a continuation of the previous timeslot, 4116.
- 4548. Electoral Geography (Sponsored by Political Geography Specialty Group)**
Room: *Conference Room F, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Christopher McGinn, University of North Carolina at Greensboro
 CHAIR(S): Christopher McGinn, University of North Carolina at Greensboro
2:40 Giorgi Gogsadze*, Tbilisi State University; Rutgers University, *General Characteristics and Regional Patterns of Electoral Behavior in Georgia (Case of 2008 Presidential and Parliamentary Elections).*
3:00 Angela Gray Subulwa*, University of Wisconsin Oshkosh, *Political geographies of Zambia's 2011 Presidential Election.*
3:20 Ina Castro, Geographer; PhD, Political Science*, Universidade Federal do Rio de Janeiro, *Democracy as a problem of geography: the territorial foundations of politics.*
3:40 Christopher McGinn*, University of North Carolina at Greensboro, *Electoral Geography Provisional Ballots in North Carolina: an Analysis of the 2008 U.S. Presidential Election.*
- 4550. Monitoring and Forecasting Urban Growth: Lessons Learned and Moving Forward From Two Workshops (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Spatial Analysis and Modeling Specialty Group)**
Room: *Conference Room H, Sheraton, Lower Level* (Panel Session)
 ORGANIZER(S): Karen C. Seto, Yale University
 CHAIR(S): William Solecki, Hunter College
 Panelists: Claire Jantz, Shippensburg University; Darla Munroe, Ohio State University; Subhro Guhathakurta, Georgia Institute of Technology; Victor Mesev, Florida State University; Michail Fragkias, Arizona State University; Dale Quattrochi, NASA MSFC
- 4551. Second home ownership: Challenges and contested landscapes (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: *Conference Room I, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Alison M Gill, Simon Fraser University
 CHAIR(S): Huili Hao
2:40 Kati Pitkänen*, University of Eastern Finland, *Contested cottage landscapes: Host perspective to the increase of foreign second home ownership.*
3:00 Antti Honkanen*, University of Eastern Finland, Centre for Tourism Studies, *Economic Opportunities and Local Resistance towards Cross-Border Second Home Tourism. Case: Russian summer cottage buyers in Eastern Finland.*
3:20 Olga Lipkina*, University of Eastern Finland, *Trans-border second home tourism: background, motives and impact.*
3:40 Ulrika Åkerlund*, Social and Economic Geography, Umeå University, Sweden, *Routes to Malta: Strategies of Property Acquisition.*
4:00 Huili Hao*, East Carolina University; Patrick Long, East Carolina University, *Homeowners' Attitudes toward Tourism: Comparing Seasonal and Permanent Property Owners in Mountain and Coastal Resort Communities.*
- 4552. Markets And Militaries IV (Sponsored by Political Geography Specialty Group, Economic Geography Specialty Group)**
Room: *Conference Room J, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University of Toronto
 CHAIR(S): Shiloh Krupar, Georgetown University
2:40 Ju Hui Han*, University of British Columbia, *Markets, Militaries, and Missionaries: the neoliberal Protestant order in South Korea.*
3:00 Melissa W Wright*, Penn State University, *Wars of Interpretation: Or what can a leftist scholar offer to Ciudad Juárez.*
3:20 Mathew Coleman*, The Ohio State University, *Race, place and the re-militarization of US immigration enforcement.*
3:40 Tina Chen*, University of Manitoba, *Wartime Migration and the Markets of Repatriation in 1940s Asia.*
 Discussant(s): Deborah Cowen, University of Toronto
- 4553. Land Use Conflicts IV: Natural Systems and Land (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Urban Geography Specialty Group)**
Room: *Conference Room K, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Donald Leffers, York University; Gerda R Wekerle, York University
 CHAIR(S): Gerda R Wekerle, York University
2:40 Patrick Hurley, Ph.D.*, Ursinus College; Martina Dzuna, Institut for Landscape Management, Freiburg Universität; Laura Brody, Environmental Studies, University of Pennsylvania; Marla Emery, Ph.D., U.S.

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Forest Service, Northern Research Station; Melissa Poe, Ph.D., Institute for Culture and Ecology; Rebecca McLain, Ph.D., Institute for Culture and Ecology, *Hidden NTFP Practices: "Conservation as it is" in the protected areas of Philadelphia's rural-urban periphery.*

- 3:00** L Anders Sandberg*, York University; Jelena Vesic, York University, *The Absent Land Use Conflict: White-tailed Deer and Land Use Planners in Exurbia.*
- 3:20** Laura Taylor*, York University, *Exurbanites: nature/culture politics, social movements, environmental management, and big paradoxes.*
- 3:40** Michael Finewood*, Chatham University, *Remembering BASF: Memory, Race, and the Environment Along the South Carolina coast.*
- 4:00** Bettina Engels*, FU Berlin; Kristina Dietz, FU Berlin, *On the Political Ecology of Land Use Conflicts.*

4554. Environmental Issues in Eurasia: Energy Development, Resource Extraction, Transboundary, and Urban Dimensions (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Nathaniel Trumbull, University of Connecticut
 CHAIR(S): Mikhail Blinnikov, St. Cloud State University

2:40 Craig ZumBrunnen*, University of Washington, *Evidence and Implications of Climate Change for Russia.*

2:55 Julie Minde*, GMU, *Asymmetric Identity Politics and Conflict in the Aral Sea Environmental Situation in Uzbekistan.*

3:10 Nathaniel Trumbull*, University of Connecticut, *Public hearings and environmental impact assessments in Russia.*

3:25 David V Fazzino, PhD, JD*, University of Alaska Fairbanks, *Chernobyl's Fallout: Reconciling the Disaster(s) & Contemporary Energy Policy in Ukraine.*

3:40 Yuri Medvedkov*, Ohio State University, *Paradoxes in Russia's post-Soviet shifts in the deployment of natural and human resources.*

Discussant(s): Mikhail Blinnikov, St. Cloud State University

4556. Geographies of Entrepreneurship in Local and Global Economies: Contexts, Practices, and Processes II (Sponsored by Economic Geography Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Benjamin Spigel, University of Toronto; Hyejin Yoon, Department of Geography, University of Wisconsin-Milwaukee
 CHAIR(S): Benjamin Spigel, University of Toronto

2:40 Hyejin Yoon*, Department of Geography, University of Wisconsin-Milwaukee, *Easy strategy to survive? : Entrepreneurship and Korean immigrants in Winnipeg, Canada.*

3:00 Sebastian S. Henn*, University of Toronto, *Joint families and the evolution of transnational entrepreneurial networks.*

3:20 Benjamin Spigel*, University of Toronto, *The creation of entrepreneurial habitus and the field of software entrepreneurship.*

3:40 Nadine Wenzel*, University of Fribourg, *Competition and Cooperation. Do South African Entrepreneurs profit from a Gateway for BRIC+S to Africa?.*

Discussant(s): Yuko Aoyama, Clark University

4557. Urban Design / Landscapes - Theoretical Perspectives

Room: Central Park West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Juan Declet-Barreto, Arizona State University

2:40 Cathy A Martin, B.A., M.E.D.es Candidate*, University of Calgary, Faculty of Environmental Design, *But We've Always Done it This Way! Using Design Thinking to*

Re-imagine Calgary's Surplus Schools.

- 3:00** Lisa Brawley, Ph.D.*, Vassar College, *Seeing the Street: the 1969 Plan for New York City.*
- 3:20** Greet De Block*, University of Leuven, *A question of scale? From engineering the territory to designing surfaces.*
- 3:40** Aseem Inam, Ph.D.*, The New School, *Rural Habitat, Pragmatism, and Urban Transformation: Discovering the Surprising Nexus.*
- 4:00** Juan Declet-Barreto*, Arizona State University, *The historical-geographical production of the urban heatscape of Phoenix, Arizona.*

4558. Ten Years of Global Production Networks (GPN) Research: Prospects and Future Directions 3 (Sponsored by Economic Geography Specialty Group)

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Martin Hess, University of Manchester; Henry Yeung, National University of Singapore
 CHAIR(S): Neil M. Coe, University of Manchester

2:40 Hug March*, Thomas Purcell, Internet Interdisciplinary Institute, Universitat Oberta de Catalunya; Ramon Ribera-Fumaz, Internet Interdisciplinary Institute, Universitat Oberta de Catalunya; Greig Charnock, School of Social Sciences, the University of Manchester, *From Global Production Networks to Global Rent Networks: The Internationalisation of Spanish Water Companies.*

3:00 Ben Taylor*, University of East Anglia, *GPN Analysis: Explanatory Power within a Flexible Framework.*

3:20 Eunjung Hwang*, Korea University; Yong-Sook Lee*, Korea University, *The role of inter-scalar mediators in the Tongyeong International Music Festival : From the global production networks perspective.*

3:40 Inge Ivarsson, Professor*, Department of Human and Economic Geography, School of Economics, Business and Law, Gothenburg university, Sweden; Claes Göran Alvstam, Professor, Department of Human and Economic Geography, School of Economics, Business and Law, Gothenburg university, Sweden, *Follow-Source Suppliers in the New GeographyY of Global Production Networks: A study of investment motives and strategies of small Swedish manufacturing companies in China.*

4:00 Glen Norcliffe*, York University, *Global Sloanism.*

4559. Taking Control of Space

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Chen Misgav

2:40 Jesse Proudfoot*, DePaul University, *The Space of the Hustle: Panhandling, Ethnography, and Psychoanalysis.*

3:00 Rain Nox*, Texas State University-San Marcos, *Geographic accessibility of community gardens to low-income apartment dwellers in Austin, TX.*

3:20 Krista Craven*, Vanderbilt University; Joanna Geller, Vanderbilt University; Bernadette Doykos, Vanderbilt University; Brendan O'Connor, Vanderbilt University; Lauren Brinkley-Rubinstein, Vanderbilt University; Kimberly Bess, PhD, Vanderbilt University, *Contextual barriers to collective action and community organizing in a high poverty, high crime neighborhood.*

3:40 Chen Misgav*, *Sexuality and Gendered Activism: The Reconstruction of Spaces in "Trans in the Center" group.*

MONDAY, FEBRUARY 27 • 2:40 PM - 4:20 PM • 4500**4560. Water and Environmental Pollution**

Room: *Lenox Ballroom, Sheraton, Second Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Fernando Rios

2:40 Robert P Blauvelt, CHMM, GEI Consultants, Inc.; Erin Regan, PE*, GEI Consultants, Inc., *An Overview and Status Check of Brownfield Programs in the Mid-Atlantic States.*

3:00 Christelle R. Gramaglia, Dr.*, Cemagref, *Sentinel organisms and the mapping of river pollution.*

3:20 Sonja Hausmann, Dr.*, Geosciences/University of Arkansas, *Sediment mercury from Beaver Reservoir, South Central US, related to ENSO.*

3:40 J. Fernando Rios*, University at Buffalo; Ming Ye, Florida State University; Liying Wang, Florida State University; Paul Z. Lee, Florida Department of Environmental Protection, *ArcNLET: ArcGIS-based Nitrate Load Estimation Toolkit.*

4561. New Perspectives on Primitive Accumulation II (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Keith Lindner, Syracuse University; Elvin

Delgado, Syracuse University

CHAIR(S): Elvin Delgado, Syracuse University

2:40 Keith Lindner*, Syracuse University, *Primitive Accumulation and the Diagram: Political Ecologies of Struggle in San Luis, CO.*

3:00 Alice B. Kelly*, University of California, Berkeley, *Conservation as Primitive Accumulation.*

3:20 Sinan Erensu*, University of Minnesota, *Accumulation by Greening: Small Hydropower Plant Developments (SHPs) and Environmental Activism in Turkey.*

3:40 Dinesh Paudel*, University of Minnesota, *Commercializing Community Forestry - a 'Permanent' Primitive Accumulation.*

4:00 Ritika Shrimali*, York University, *Accumulation by any means, Dispossession or No Dispossession: Case of Contract-Farming in India.*

4562. Gender, Development and Transnationalism I (Sponsored by Geographic Perspectives on Women Specialty Group, Africa Specialty Group, Development Geographies Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Ibipo Johnston-Anumonwo, SUNY Cortland;

Ann M Oberhauser, West Virginia University

CHAIR(S): Ibipo Johnston-Anumonwo, SUNY Cortland

2:40 Deborah Naybor*, University of Buffalo; Ram A. Alagan, Alabama State University, *Gender, Development and Geospatial Technology: GIS and GPS in Participatory Poverty Studies.*

3:00 Jeremia Njeru*, West Virginia University; Ibipo Johnston-Anumonwo, SUNY Cortland, *Commercialization of Toilets in Nairobi: Gender Equity and Provision of Public Sanitation Services.*

3:20 Muriel Yeboah*, Virginia Union University; Muriel A Yeboah, PhD, Virginia Union University, *Examining Sex Preference among Patrilineal and Matrilineal Societies in 21st Century Ghana.*

3:40 Urmilla Bob, University of KwaZulu-Natal; Krista L. Jacobs, International Center for Research on Women; Ibipo Johnston-Anumonwo*, SUNY Cortland, *Methodological Issues and Lessons from the Implementation of Gender and Land Surveys in Sub-Saharan Africa.*

Discussant(s): Ann M Oberhauser, West Virginia University

4563. Defining and Mapping Communities and Neighborhoods

Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Michael Ratcliffe, U.S. Bureau of the Census

CHAIR(S): Joshua Coutts, U.S. Bureau of the Census

2:40 Lindsey Kurtz*, Vanderbilt University; James Fraser, Vanderbilt University, *Narrating the Neighborhood for Development: a story of locality in Nashville.*

3:00 Eric Glass*, Columbia University, *Using GIS to Model Urban Neighborhoods as a type of Vernacular Region.*

3:20 Mary Fargher*, Institute of Education, University of London, *Towards richer imaginations of place through GIS.*

3:40 Elyzabeth Gaumer*, NYC Dept of Housing Preservation and Development, *Mapping Community Boundaries: A Pilot Study of How Survey Respondents Define their Neighborhoods.*

4:00 Joshua Coutts*, U.S. Bureau of the Census, *Automated identification of Census Designated Places (CDPs).*

4564. World Bank & Foundation Center: A New Era of Open Data

Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Jacob Garcia

CHAIR(S): Charles R Brigham, World Bank

2:40 Jacob Garcia*, The Foundation Center, *The Geography of Philanthropy.*

3:00 Charles R Brigham*, World Bank; Bjorn Soren Gigler, World Bank; Johannes Sebastian Kiess, World Bank; Kaushal Jhalla, World Bank; Hanif Anilmohamed Rahemtulla, World Bank; Nagat Dawaji, World Bank, *Facilitating the Geoenabling of World Bank Projects: Scaling and Exploring Collaborative Methods to Manage & Communicate Projects, Address Accountability and Governance.*

3:20 Jeff Falkenstein*, The Foundation Center, *Collecting Data on International Philanthropy.*

3:40 Soren Gigler*, World Bank Institute; Hanif A Rahemtulla, World Bank Institute; Aleem Walji, World Bank Institute; Charles Brigham, World Bank Institute; Kaushal Jhalla, World Bank Institute; Nagat Dawaji, World Bank Institute, *Kenya Open Data: First Steps and the Road Ahead.*

Discussant(s): Jacob Garcia; Charles R Brigham, World Bank; Soren Gigler, World Bank Institute

4565. Norb Psuty Student Paper Merit Award II (Sponsored by Coastal and Marine Specialty Group)

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Karsten Shein, National Climatic Data Center

CHAIR(S): Karsten Shein, National Climatic Data Center

2:40 Patrick Barrineau*, University of South Carolina Department of Geography; Jean Ellis, University of South Carolina Department of Geography and Marine Science Program, *Sediment Transport and Wind Flow Around Hummocks.*

3:00 Eugene J Farrell*, Texas A&M University; Douglas J Sherman, The University of Alabama, *Mass flux profiles of wind blown sand: a review of laboratory, field and numerical studies.*

3:20 ByungYun Yang*, University of Georgia; Marguerite Madden, University of Georgia, *Use of LIDAR Shoreline Simulation for Analyzing Revetment Rock Beach Protection: A Case Study of Jekyll Island State Park.*

3:40 Wansang Ryu*, Texas A&M University; Douglas Sherman, Dr., University of Alabama, *The Classification of Sand Patches in Coastal Sand Dunes and Their Relationship to Climate.*

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- 4566. Trees in the City 2: the extent, drivers, and benefits of urban forests (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)**
Room: *Liberty 4, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Tenley M Conway, University of Toronto; Adam Berland, University of Minnesota
 CHAIR(S): Andrew Millward, Ryerson University
2:40 Christopher S Greene, Ph.D. (ABD)*, Ryerson University; Andrew A Millward, Ph.D., Ryerson University, *A Tale of Proximity: Socio-Demographic Determinants of Dwelling Exposure to Urban Trees and Pavement.*
3:00 Adam Berland*, Miami University, *How does urban forest structure vary along an urbanization gradient?.*
3:20 Adriano Nicolucci*, Ryerson University; Andrew A Millward, Ph.D., Ryerson University, *Tracking The Invasive Path of a Backyard Escapee: Spatio-Temporal Movement of Norway Maple Into a Forested Urban Ravine.*
3:40 Andrew A Millward, Ph.D.*, Ryerson University; Michelle Sawka, MASC, Ryerson University, *Growing Energy Conservation Through Residential Tree Planting.*
4:00 Georgia Silvera Seamans, PhD*, localecology.org, *Localizing ecosystem services in Northern California cities.*
- 4567. China Specialty Group: How to get an academic job (Sponsored by China Specialty Group)**
Room: *Liberty 5, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Piper Gaubatz, University of Massachusetts
 CHAIR(S): Piper Gaubatz, University of Massachusetts
 Introducer: Piper Gaubatz
 Panelists: Shuguang Wang, Ryerson University; Xiaoping Shen, Central Connecticut State University; Xiaodong Chen, University of North Carolina at Chapel Hill
- 4568. Sustainable Agriculture, Farming, and Forestry (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)**
Room: *New York Ballroom East, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Yanli Zhang
2:40 Sean Field*, Queen's University, *Assessing the Impact of Interventions on Smallholder Participation in Ghana's Asian Vegetable Export Sector.*
3:00 Aijuan Chen*, University of Waterloo; Steffanie Scott, University of Waterloo, *Scaling Up Ecological Farming in China through establishing Farmers' Professional Associations.*
3:20 Eszter K Kovacs*, University of Cambridge, *Lived Experiences and Realities of Agricultural Auditing in the EU.*
3:40 Richard A. Russo*, Frostburg State University, *Using the Census of Agriculture to Chart & Map Our Changing Food System.*
4:00 Yanli Zhang*, Stephen F. Austin State University; Matthew McBroom, Stephen F. Austin State University; Daniel Unger, Stephen F. Austin State University; Alex M Brown, Stephen F. Austin State University, *A spatial analysis of the forestry industries in East Texas.*
- 4569. The Economics of Urban Sustainability (Sponsored by Cultural and Political Ecology Specialty Group, Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)**
Room: *New York Ballroom West, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Norma Rantisi, Concordia University; Kris Olds, University of Wisconsin-Madison
 CHAIR(S): Susan Parnell, University of Cape Town
 Panelists: Andrew Ross, NYU
- 4570. Cognition, Behavior, Representation, VII: Sketching Research Challenges (Sponsored by Geographic Information Science and Systems Specialty Group, Environmental Perception and Behavioral Geography Specialty Group, Cartography Specialty Group)**
Room: *Riverside Ballroom, Sheraton, Third Floor* (Interactive Short Paper Session)
 ORGANIZER(S): Amy L. Griffin, University of New South Wales-ADFA; Sara Irina Fabrikant, University of Zurich
 CHAIR(S): Sara Irina Fabrikant, University of Zurich
 Introducer: Sara Irina Fabrikant
2:45 Rob Sullivan*, UCLA Geography Department, *Geography and the Brain.*
2:50 Daniel R Hirmas*, University of Kansas; Terry Slocum, University of Kansas; Alan Halfen, University of Kansas; Travis White, University of Kansas; Paul Atchley, University of Kansas; Stephen Egbert, University of Kansas; Dave McDermott, Haskell Indian Nations University; William Johnson, University of Kansas; Aaron Gilbreath, University of Kansas, *Mapping the Effects of Seating Location and Stereoscopic Displays on Learner Outcomes in an Introductory Physical Geography Class.*
2:55 Stephen Benzek*, US Army Geospatial Center; Lillian Larsen, Ph.D., University of Redlands, *Re-mapping Texts and Contexts / Refracting Another Place and Time.*
3:00 Amy L. Griffin*, University of New South Wales-ADFA, *Changing Cartographies, Changing Cognition?.*
3:05 Scott Bell*, University of Saskatchewan; Pamela Berry, University of Saskatchewan; Craig Siemens, University of Saskatchewan, *Pointing Inside, Outside, Near, and Far: Using an iPad/iPhone to Study Our Cognitive Map.*
3:10 Matthew Tenney*, University of Arkansas, *Which Way Did He Go, George, Which Way Did He Go?: Wayfinding Heuristics Inside the Built Form.*
3:15 Hengshan Li*, School of Computing and Information Science, University of Maine; Nicholas A. Giudice, School of Computing and Information Science, University of Maine, *Assessing the Optimal Visual Granularity Level for Assisting Indoor Navigation.*
3:20 Alexander Klippel*, The Pennsylvania State University, *Deep Semantics for the Dynamic Earth.*
3:25 Sara Irina Fabrikant*, University of Zurich, *Animated Visual Analytics of Movement.*
3:30 Jeff Howarth*, Middlebury College, *If GIS is a metonym for spatial thinking, then how should we teach it?.*
3:35 Alan Frederick Halfen*, University of Kansas; Terry Slocum, University of Kansas; Travis White, University of Kansas; Daniel Hirmas, University of Kansas; Aaron Gilbreath, University of Kansas; Dave McDermott, Haskell Indian Nations University; Paul Atchley, University of Kansas; Stephen Egbert, University of Kansas; William Johnson, University of Kansas, *Assessing the impact of stereoscopic displays in introductory physical geography courses.*

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- 4571. Wilderness Search & Rescue and GIScience (Sponsored by Geographic Information Science and Systems Specialty Group, Applied Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)**

Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Paul J Doherty, University of California, Merced

CHAIR(S): Paul J Doherty, University of California, Merced

Introducer: Paul J Doherty

2:45 Don Ferguson*, Appalachian Search and Rescue Conference, *Optimization of Wilderness Search and Rescue Operations Through the Application of GISystems*.

3:05 Michael A Goodrich, Ph.D.*, Computer Science, Brigham Young University; Bryan S Morse, Ph.D., Computer Science Department, Brigham Young University; Charles R Twardy, Ph.D., George Mason University, *Using Unmanned Aerial Vehicles in Wilderness Search and Rescue: The Role of GIS*.

3:25 Robert J Koester*, dbS Productions, *temp*.

3:45 Jared Duke*, University of Kansas, *Lost Person Behavior in Yosemite National Park*.

Discussant(s): Paul J Doherty, University of California, Merced

- 4572. A Perspective on the Changes in Arctic Environment: Part II (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)**

Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Debjani Ghatak, The Graduate Center, The City University of New York; Allan Frei, Hunter College

CHAIR(S): Debjani Ghatak, The Graduate Center, The City University of New York

2:40 Vena Chu*, UCLA; Laurence C. Smith, UCLA; Asa K. Rennermalm, Rutgers, The State University of New Jersey; Richard R. Forster, University of Utah; Jason Box, The Ohio State University; Byrd Polar Research Center, *Hydrologic controls on coastal suspended sediment plumes around the Greenland Ice Sheet*.

3:00 Asa Rennermalm*, Rutgers, The State University of New Jersey; Laurence C Smith, University of California Los Angeles; Vena C Chu, University of California Los Angeles; Jason E Box, Ohio State University; Richard R Forster, university of Utah; Michiel van den Broeke, Utrecht University, *Controls on Greenland ice sheet runoff to the ocean*.

3:20 Dorothy Hall*, NASA Goddard Space Flight Center; Josefino C. Comiso, NASA / Goddard Space Flight Center; Christopher A. Shuman, UMBC - JCET; Lora S. Koenig, NASA / Goddard Space Flight Center; Nicolo E. DiGirolamo, SSAI, *Variability of surface temperature and melt on the Greenland Ice Sheet, 2000 - 2011*.

3:40 Marco Tedesco*, CUNY; Nicholas Steiner, CUNY; Patrick Alexander, CUNY; Xavier Fettweis, University of Liege, *Mapping Melting over the Greenland and Antarctica ice sheets from microwave spaceborne observations and model outputs (1958 - 2011)*.

- 4573. Issues in Ethnic Geography II (Sponsored by Ethnic Geography Specialty Group)**

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Stavros Constantinou, Ohio State University
CHAIR(S): Lance Freeman

2:40 Aafke Heringa*, URU (Urban And Regional Research Center Utrecht) Utrecht University, *Time-space trajectories, the residential neighborhood, and inter-ethnic contact and attitudes*.

3:00 Andrew Gaber*, SUNY- University at Buffalo, *Remembering/Contesting the Old/New Neighborhood: Jewish Suburbanization and the Memory of Place in Buffalo, NY*.

3:20 Rye Tracker Carlson*, Macalester College, *The Frogtown Hmong Farmers' Market of Saint Paul: Boon for Community-Wide Food Security and Food Justice, or Exclusive Coping Strategy?*.

3:40 David Dorrell*, Georgia Gwinnett College, *Ethnic mining communities of the Choctaw Nation in Oklahoma*.

4:00 Lance Freeman*, Columbia University, *Neighborhood Racial and Ethnic Transition across US Cities, 1970-2010*.

- 4574. Capitals, Conflicts, and Connections: Social Forces and the Making of Southeast Asian Places (Sponsored by Asian Geography Specialty Group)**

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): John Bowen, Central Washington University
CHAIR(S): Christian Lentz, UNC Department of Geography

2:40 Azmi Baharom*, Student; Fauziah CheLeh, Universiti Pendidikan Sultan Idris; Khairy Ariffin, Universiti Pendidikan Sultan Idris, *Should Kuala Lumpur be Returned to Selangor, Malaysia*.

3:00 Teuku Arckyansyah Meraxa*, University at Buffalo, *Working, Playing, & Networking in the Young Entrepreneurs Association "HIPMI" in Indonesia*.

3:20 Chad Emmett*, Brigham Young University, *Merchants as Missionaries in Indonesia: From Hindus to Mormons*.

3:40 Andrew S Roberts, PhD*, City University of New York, *Long Eels to Cook: Natural Resource-Based Livelihood Diversity and Landscape Heterogeneity in a Village on the Tonle Sap Floodplain, Cambodia*.

4:00 Christian C. Lentz*, UNC Department of Geography, *Someone to Watch Over Me: Food, Labor, and Statemaking in Revolutionary Vietnam*.

- 4575. The Experiences of Immigrants in Urban Areas in U.S. and Canada (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan; Wei Li, Arizona State University
CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan

2:40 Min-Jung Kwak*, Innis College Urban Studies Program, University of Toronto; Ann Kim, Department of Sociology, York University, *Patterns and Implications of Citizenship among the Highly Mobile*.

3:00 Sandy Wong*, The Ohio State University; Richard Wright, Dartmouth, *Enclave evolution? Contemporary Asian residential concentration patterns in the US*.

3:20 Richard N Gioioso, Ph.D.*, SUNY-Purchase, *Identity, Trust, and Assimilation: The Case of Latinos in Little Havana*.

3:40 John W Frazier, PhD*, Binghamton University; Norah F. Henry, PhD, Binghamton University; Brendan McGovern, MA, Binghamton University, *"Ice Cream and Ethnic Tensions in Queens, New York"*.

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- 4576. Agrarian Change IV: Critical Geographies of Land, Social Mobilization, and Agrarian Political Economy (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Alejandro Camargo, Syracuse University

CHAIR(S): Laura-Anne Minkoff-Zern, UC Berkeley, Department of Geography

2:40 Hanson Nyantakyi-Frimpong*, The University of Western Ontario, *A Political Ecology of "Land Grabbing" and its Implications on Food Sovereignty in Ghana.*

3:00 Adrienne Johnson*, Clark University, *The Biopolitics of Global Palm Oil Traders.*

3:20 Marla Torrado*, The University of Texas-Austin, *(Re) producing agricultural landscapes in Argentina through soybean expansion.*

3:40 Leif Brottem*, University of Wisconsin- Madison, *The curious case of Soribougou: cotton production and the twisted geographies of land possession in western Mali.*

4:00 Pryor Aldous Arquiza Placino*, Department of Geography, College of Social Sciences and Philosophy, University of the Philippines Diliman, *Deshusking Cocon't: Agricultural Spaces and Farmers' Livelihoods in the Philippines.*

- 4577. Deaf Geographies II - Analyzing Deaf Geographies (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)**

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Austin Kocher, The Ohio State University,

Department of Geography; Cynthia Benoit

CHAIR(S): Austin Kocher, The Ohio State University, Department of Geography

2:40 Jordan Eickman, Ph.D.*, California State University, Northridge, *Tracing Deafhood: Exploring the origins and spread of Deaf cultural identity.*

3:00 Cynthia Benoit*, INRS Urbanisation Culture Société; Alain Turpin, SIVET, *Urban d/Deaf population and services: Using GIS to explore Deaf geography and geographical accessibility.*

3:20 Paula Bath*, University of Ottawa, *Discourse, Power and the Representations of Sign Language.*

3:40 Dai O'brien*, School for Policy Studies, Briston University, *Using visual research to explore the space of young d/Deaf people.*

- 4578. Watershed Response to Environmental Change: Special Session in Honor of Jim Knox II (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group)**

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Francis Magilligan, Dartmouth College;

Patricia McDowell, University of Oregon

CHAIR(S): Allan James, University of South Carolina

2:40 Joseph R Desloges*, University of Toronto; Roger T Phillips, University of Toronto, *Holocene floodplain genesis in watersheds of peninsular southern Ontario.*

3:00 Jeanne E Godaire, M.S.*, US Bureau of Reclamation; Travis R Bauer, M.S., US Bureau of Reclamation; Ralph E Klinger, Ph.D., US Bureau of Reclamation, *Holocene incision and paleofloods on the lower Blue River, Colorado.*

3:20 Michael M. Benedetti*, University of North Carolina Wilmington; Jonathan A. Haws, University of Louisville; J. Michael Daniels, University of Denver, *The Biogeomorphic Response Model and Quaternary Landscape Evolution in Central Portugal.*

3:40 Joseph A Mason*, University of Wisconsin - Madison; Peter M Jacobs, University of Wisconsin-Whitewater; Kristine E Stanley, University of Wisconsin-Madison; Paul R Hanson, University of Nebraska-Lincoln, *Soil Carbon Storage on Hillslopes of Southeastern Minnesota: Importance of the Late Quaternary Legacy.*

4:00 Timothy Beach*, Georgetown University, *Human impacts on geomorphology in the two Corn Belts: Midwest and Maya Lowlands.*

- 4579. Nayan Shah's Stranger Intimacy: Author Meets Interlocutors (Sponsored by Sexuality and Space Specialty Group)**

Room: Park Suite 3, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Jasbir Puar, Rutgers University

CHAIR(S): Jasbir Puar, Rutgers University

Discussant(s): Nayan Shah, UC San Diego

Panelists: Kandice Chuh, CUNY/The Graduate Center; Clement Lai, California State University, Northridge; Molly McGarry, Department of History; Gayatri Gopinath, NYU

- 4581. Constructing Sustainable Biofuels (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track, Energy and Environment Specialty Group)**

Room: Park Suite 5, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Robert Bailis, Yale University; Jennifer Baka, Yale

CHAIR(S): Robert Bailis, Yale University

Discussant(s): Jennifer Baka, Yale

Panelists: Robert Bailis, Yale University; Adrian Ghilardi, Universidad Nacional Autonoma de Mexico - UNAM; Barry D Solomon, Michigan Technological University

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4601. Spacing the Arts III: Wrapping Up Geographies of Public Art
Room: Concourse A, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands
 CHAIR(S): Martin Zebracki, Utrecht University & Wageningen University, The Netherlands
 Introducer: Martin Zebracki
 Panelists: Joni m palmer, University of Colorado at Boulder; Candice Boyd, University of Melbourne; Andrew Hewitt, University of Wolverhampton; Emma Arnold, University of Edinburgh; Marielle Barrow, George Mason University; Martin Zebracki, Utrecht University & Wageningen University, The Netherlands

4602. Atlantropa: Science Fact and Science Fiction (Sponsored by Political Geography Specialty Group, History of Geography Specialty Group, European Specialty Group)
Room: Concourse B, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): Philip Steinberg, Florida State University; Claudio Minca, Wageningen University
 CHAIR(S): Paolo Giaccaria, University of Torino
 Introducer: Paolo Giaccaria
 Panelists: Ricarda Vidal, Institute of Germanic & Romance Studies

4603. Contributions of Coastal and Marine Physical Geography to Sustainable Development (Sponsored by Coastal and Marine Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)
Room: Concourse C, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Thomas Allen, East Carolina University; Thomas Crawford, East Carolina University
 CHAIR(S): Thomas Allen, East Carolina University
4:40 Philippe Deboudt*, University of Lille 1, *Coastal risk management in France*.
5:00 Mayra A. Roman Rivera*, University of Puerto Rico Rio Piedras Campus; Abiezer Pagan Flores, University of Puerto Rico Rio Piedras Campus, *Study of the variability of storm surges and swells causing flooding event on the Northern Coast of Puerto Rico (1991 to 2011): Case Study Puerto Nuevo, Vega Baja*.
5:20 Alana K Joseph*, Geography Unit, The University of the West Indies, St. Augustine; Paul Shaw, Professor, Geography Unit, The University of the West Indies, St. Augustine; Matthew Wilson, Dr, Geography Unit, The University of the West Indies, St. Augustine, *Beach morphology as a key element in understanding the dynamics of vulnerable species and sustainable ecotourism development: The case of Leatherback turtles at Grande Rivière, Trinidad*.
5:40 Thomas Crawford*, East Carolina University; Andrew Bennett, East Carolina University, *Shoreline Erosion Hazard Vulnerability of US Atlantic Barrier Islands*.

4604. Social Justice and Media: The Role of Information Technologies in Mediterranean Democratic Movements (Part of the Social Justice, Media, and Human Rights Special Session Track, IGU Mediterranean Renaissance Program, IGU Commission on Global Information, Communication Geography Specialty Group)
Room: Concourse D, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Mark Wilson, Michigan State University; Maria Paradiso, Università Del Sannio, Faculty SEA, Italy
 CHAIR(S): Maria Paradiso, Università Del Sannio, Faculty SEA, Italy
 Introducer: Maria Paradiso
4:45 Randal W Richardson*, Newcastle University; Graeme W Mearns, Dr., Newcastle University, *ICT and Changing*

Notions of Community in the Global Information Society.

5:02 Liz Robson*, University of Newcastle upon Tyne; Randal Richardson, Newcastle University; Leon Mexter, Regional Youth Work Unit North East, *Net Assets: A critical exploration of the potential of digitally supported youth engagement in disadvantaged areas*.
5:19 Timothy P Shannon*, Ohio State University, *We are Anonymous? Expect us': The political geography of internet centric activism*.
5:36 Mark Wilson*, Michigan State University; Kenneth E Corey, Michigan State University, *Contested ICT Terrain: Social Movements vs the State*.
5:53 Maria Paradiso, Professor*, University of Sannio, Dept. SEGIS, Italy, *Social justice and media: The role of ICT in recent Mediterranean democratic movements. A field work with Tunisian migrants in Lampedusa island, March 2011*.

4605. Violence in Our City: The Geography of Violence and Its Spatial Influences (Part 3) (Part of the Social Justice, Media, and Human Rights Special Session Track, Military Geography Specialty Group, Health and Medical Geography Specialty Group)
Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Melissa J. Rura; Robert Lipton, Beth Israel Deaconess Medical Center
 CHAIR(S): Melissa J. Rura

4:40 Peter Congdon, MSc, PhD*, QMUL, *A model for spatially varying crime rates in English districts: the effects of social capital, fragmentation, deprivation and urbanicity*.
5:00 Tatiane Menezes*, Federal University of Pernambuco-Brazil; Antônio Paez, McMaster University; Raul da Mota Silveira-Neto, Federal University of Pernambuco-Brazil; Circe Monteiro, Federal University of Pernambuco-Brazil; Jose Luiz Ratton, Federal University of Pernambuco-Brazil, *A comparison of day and night crime patterns in Recife, Brazil*.
5:20 Kirsten M. M. Beyer, PhD, MPH*, Medical College of Wisconsin; Peter M. Layde, MD, MSc, Medical College of Wisconsin; L. Kevin Hamberger, PhD, Medical College of Wisconsin, *Neighborhood Environment and Risk of Intimate Partner Femicide in Wisconsin, USA*.
5:40 Yasmin Turk*, Texas State University, *Mapping Ethnic-Specific Programs for Survivors of Sexual and Domestic Violence*.

4607. Challenges in Dendrochronology II
Room: Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Scott St. George, University of Minnesota; Kurt Kipfmüller, University of Minnesota
 CHAIR(S): Kurt Kipfmüller, University of Minnesota
4:40 David Stahle*, University of Arkansas, *Dendrochronology in Tropical Forests*.
5:00 Neil Pederson*, Columbia University; Kacie Tackett, Eastern Kentucky University; Edward R. Cook, Columbia University; Brendan M. Buckley, Columbia University; Inga Labuhn, Institut Pierre Simon Laplace; Paul J. Krusic, Stockholm University; Javier Martin-Fernandez, Lamont-Doherty Earth Observatory; Caroline Leland, Lamont-Doherty Earth Observatory, *On the necessity of cross-dating tree-ring records: the scared-straight edition*.
5:20 Daniel Griffin*, The University of Arizona; Connie A Woodhouse, PhD, The University of Arizona; David M Meko, PhD, The University of Arizona; David W Stahle, PhD, The University of Arkansas; Holly L Faultsch, The University of Arizona, *Earlywood*

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and latewood: new insight on the tree growth-climate response in the U.S. Southwest with emphasis on the summer monsoon.

5:40 Kevin J Anchukaitis*, Columbia University, *Low frequency standardization bias in tree-ring paleoclimate reconstructions.*

6:00 David M. Meko*, University of Arizona; Ramzi Touchan, University of Arizona; Jonathan Friedman, USGS; Jesse Edmondson, University of Arkansas; Julian Scott, USGS; Ellie Griffin, USGS, *Deciphering the Seasonal Climate Signal in Tree Rings.*

4610. Invasive Species: Spatial Distributions, Interactions and Impacts II (Sponsored by Biogeography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Jennifer Weaver

CHAIR(S): Jennifer Weaver

4:40 Alex Smith*, ENVIRON; Bobby Radakovich, ENVIRON Denver; Jon Ipock, ENVIRON Tampa; Kym Rouse Campbell, ENVIRON Tampa, *Under Pressure: Ecological Stressors in South Florida and Their Future Impact on American Crocodile (*Crocodylus acutus*) Populations.*

5:00 Simon Fonji*, University of Memphis, *Using Remote Sensing and GIS to assess the effects of land use/cover changes on the occurrence of Giant Hogweed in Latvia.*

5:20 Peter Klepeis*, Colgate University; Dara E Seidl, Abt SRBI, *Human Dimensions of Earthworm Invasion in the Adirondack State Park.*

5:40 Esra Ozdenerol, Associate Professor, PhD*, University of Memphis; Rodney Quarles, Graduate Assistant, University of Memphis; Gregory Taff, Assistant Professor, University of Memphis, *The accuracy of detection of Chinese privet in Shelby Farms Park using the Worldview-2 Imagery.*

6:00 Susan Morrell*, Georgia State University, *Urban floodplain recovery after removal of Chinese privet (*Ligustrum sinense*).*

4611. Urbanization and Climate Change: A Challenge to Urban Sustainability (Sponsored by Regional Development and Planning Specialty Group, Climate Specialty Group, Urban Geography Specialty Group, Contributions of Physical Geography to Sustainable Development Special Session Track)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Sonal Gangawala, University of Kota, Kota (Rajasthan) India

CHAIR(S): Sonal Gangawala, University of Kota, Kota (Rajasthan) India

4:40 Tanya L Gallagher*, University of West Florida; Jason Ortegren, PhD, University of West Florida, *Spatial Variability of Multi-Decadal Temperature Trends in Urbanized and Urbanizing Areas of the Southeastern United States.*

5:00 Annika Salingré*, University of Cologne, *Climate Change and Social Adaptation in Dhaka - How to Find Common Ground Between Scientific Research and Local Perspectives.*

5:20 Jessica Finlay*, University of Minnesota; Jennifer Massey, PhD, Queen's University, *Eco-campus: Applying the Ecocity Model to Develop Green University and College Campuses.*

5:40 Timmy Huynh, MA*, University of Chicago, *Spatial Demographic Shifts and Urban Decline: Geographic Changes in the Urban-Suburban Populations of Large U.S. Metropolitans from 1970-2010.*

4612. Food in the City 3: Exposing Space, Place and Taste

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Lenore L. Newman, University of the Fraser Valley

CHAIR(S): Alison Blay-Palmer, Wilfrid Laurier University

4:40 Michael MG Classens*, York University, *Food, city and country: An urban political ecological framework for community gardens.*

5:00 Paul J Scanlon, PhD*, U.S. Census Bureau, *Comfortable Otherness: Establishing Spaces of Inter-ethnic Contact in Mexican Restaurants.*

5:20 Megan K Blake*, University of Sheffield, *Everyday acts of belonging in Hong Kong's Wet Markets.*

5:40 Christine C Caruso, MA, MPH, MPhil*, The Graduate Center CUNY, *A Qualitative Research Study Examining Food Practices and Perceptions in Queensbridge, NYC.*

6:00 Elizabeth A Vasile, Ph.D.*, Genius Loci, *Coffee and the City: A San Francisco Romance.*

4613. HDGC PLENARY: Synergies and Divergences between Land Change Science and Political Ecology (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Gramercy Suite B, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Jacqueline Vadjunec, Oklahoma State University; Christian Brannstrom, Texas A&M University

CHAIR(S): Jacqueline Vadjunec, Oklahoma State University

Introducer: Paul Robbins

Discussant(s): Emilio Moran, Indiana University; Joel

Wainwright, The Ohio State University

Panelists: Rinku Roy Chowdhury, Indiana University; Claudia Radel, Utah State University; Dianne E. Rocheleau, Clark University; Brent McCusker, West Virginia University; David Salisbury, University of Richmond; Brian King, The Pennsylvania State University; B. L. Turner II, Arizona State University

4614. Indigenous Place: Mapping and Naming (Sponsored by Indigenous Peoples Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Jay T Johnson, University of Kansas

CHAIR(S): Kenneth D Madsen, Ohio State University

4:40 Gwilym L Eades, PhD*, Carleton University, *Toponymy: Capacities, Discourses and Limits.*

5:00 Shana Siegel, Doctoral Candidate, Sociology*, CUNY Graduate Center, *GIS Mapping and Human Rights Violations in Southern Ontario.*

5:20 Joshua K Tobias*, The University of Western Ontario; Chantelle AM Richmond, The University of Western Ontario, *It's about balance: Doing collaborative health research with Anishinabe communities.*

5:40 Frank Hutchins*, Bellarmine University, *Exchanging Blows and Bowls: Multiple Claims on Space During the Inti Raymi Festival in Northern Ecuador.*

6:00 Kelsey M Carlson*, Saint Cloud State University, *The American Wilderness vs. the Dakota Homeland.*

4615. The Academic Job Market for Geographers (Sponsored by Graduate Student Affinity Group, Geography Faculty Development Alliance (GFDA), Enhancing Departments and Graduate Education project (EDGE))

Room: Madison Suite, Hilton, Second Floor (Panel Session)

ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers

CHAIR(S): Joy K. Adams, Association of American Geographers

Panelists: Paul C. Adams, University of Texas at Austin; Brian E Johnson, Auburn University Montgomery; Mark Barnes, Rutgers, The State University of New Jersey;

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Wei Li, Arizona State University; Lee Lines, Rollins College; Trushna Parekh, University of Kentucky; Eike Reichardt, Lehigh Carbon Community College

4616. Entrepreneurship, Innovation, and Regional Prosperity: Creating Competitive Economies VI (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Elizabeth Mack, Arizona State University; Kevin Stolarick, University of Toronto

CHAIR(S): Kevin Stolarick, University of Toronto

4:40 Sebastien Breau*, McGill University; Dieter F Kogler, University College Dublin, *Cities, innovation and inequality*.

5:00 Alper Arisoy, Assistant Professor; Mehmet Aldonat Beyzatlar*, Research Assistant; Yesim Rabia Kustepeli, Associate Professor, *The Rise and Fall of Europe: 1950-1973 versus 1973-1982*.

5:20 Heidi W Aslesen*, BI - Norwegian business school; Eric Iversen, NIFU, *Sectoral dynamics and global innovation networks in a North South perspective*.

5:40 Arne Isaksen, University of Agder, Department of working life and innovation; Magnus Nilsson*, Circle, Lund University, *Combined innovation policy: Linking scientific and practical knowledge in innovation systems*.

6:00 Naji P. Makarem*, UCLA, *The role of institutions in the divergent economic trajectories of the Bay Area and Southern California between 1980 and 2010*.

4618. Reflections on Geographic Information Science: Panel Session in Honor of Michael Goodchild (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, Esri, Spatial Analysis and Modeling Specialty Group)

Room: *Murray Hill Suite B, Hilton, Second Floor* (Panel Session)
ORGANIZER(S): May Yuan, University of Oklahoma; Tom Cova, University of Utah

CHAIR(S): Mark Kumler, University of Redlands

Opening Remarks: Douglas Richardson, AAG Executive Director
Speakers:

Dawn Wright, Esri

Nina Lam, Louisiana State University

Jay Lee, Kent State University

Karen Kemp, University of Southern California

Alan Glennon, University of California, Santa Barbara

Donald G. Janelle, University of California, Santa Barbara

Nigel Waters, George Mason University

Mei-Po Kwan, Ohio State University

David M. Mark, University at Buffalo

Keith C. Clarke, University of California, Santa Barbara

The panel session celebrates the scholarship and contributions of Dr. Michael Goodchild to GIScience and Geography by his students, colleagues, and friends upon his retirement.

4619. Religion, Society and Space: An Institutional Perspective (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: *Nassau A, Hilton, Second Floor* (Paper Session)
ORGANIZER(S): Karen Morin, Bucknell University; Lily Kong, National University of Singapore

CHAIR(S): Lily Kong, National University of Singapore

4:40 Olaf Kuhlke*, University of Minnesota - Duluth, *From Institutionalized Slander to Contested Space: Anti-Masonry, Massachusetts State Law and the Building of the Boston Masonic Temple, 1830-32*.

5:00 Claire Dwyer, Dr*, University College, London, *Planning for religious worship: the creation of the 'Assembly District' in Richmond, Vancouver*.

5:20 Itamar Katz, Dr*, Abt Associates; Ruth Kark, Prof., Department of Geography, Faculty of Social Sciences, The Hebrew University of Jerusalem, *The Greek-Orthodox Patriarchate of Jerusalem in Dissent with its Community: Entrepreneurship and Politics within a Greek, Israeli and Palestinian Context*.

5:40 Liz Bondi*, University of Edinburgh, *Counselling, psychotherapy, secularism and Christianity in Scotland: reclaiming forgotten histories; making new meanings*.

6:00 Katherine E Akin*, UNC Chapel Hill, *Creating meaning through contested practice: The Santo Daime Church in the US*.

4620. Urban Citizenships and Counter-Citizenships III (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)

Room: *Nassau B, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Ted Rutland, University of British Columbia; Jacob Remes, SUNY Empire State College

CHAIR(S): Ted Rutland, University of British Columbia

4:40 Beverley Mullings*, Queen's University, *'Out on the Streets they call it Murder': Gendered Citizenship and the Right to the City in Jamaica's Garrison Communities*.

5:00 Brett Story*, University of Toronto, *Civil Death and Surplus Life: Prisoners and Citizenship in the age of incarceration*.

5:20 Ted Rutland*, University of British Columbia, *The Black United Front and Participatory Anti-Citizenship in 1970s Halifax, Nova Scotia*.

4636. Climate Specialty Group Student Paper Competition (Sponsored by Climate Specialty Group)

Room: *Green Room, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Corene J Matyas, University of Florida

CHAIR(S): Corene J Matyas, University of Florida

4:40 Trenton Ford*, Texas A&M University; David Gay, PhD, National Atmospheric Deposition Program, Illinois State Water Survey, Prairie Research Institute, University of Illinois; Christopher M.B. Lehmann, PhD, National Atmospheric Deposition Program, Illinois State Water Survey, Prairie Research Institute, University of Illinois, *Modeling Asian Soybean Rust Urediniospore Movement Into and Amid the Contiguous United States*.

5:00 Margaret Kovach*, University of North Carolina at Chapel Hill; Charles E Konrad, University of North Carolina at Chapel Hill, *The Spatial Patterns of Impacts Associated With Inland-Moving Tropical Cyclones*.

5:20 David R. Perkins*, UNC-Chapel Hill, *Forecasting tourist decisions with weather and climate references*.

5:40 Timothy Andrew Joyner*, Louisiana State University, Baton Rouge, Louisiana; Anna M Treviño, Louisiana State University, Baton Rouge, Louisiana; Carol J Friedland, Louisiana State University, Baton Rouge, Louisiana; Mark Weatherhead, Guy Carpenter, London, United Kingdom; Charles Huyck, ImageCat Inc., Long Beach, California; Shubharoop Ghosh, ImageCat Inc., Long Beach, California, *Interpolating Peak Gust and Maximum Sustained Wind Speeds for European Storms*.

6:00 Elsa Nickl*, University of Delaware; Cort J. Willmott, University of Delaware, *Land-surface precipitation variability and change since 1900, especially over mountainous regions*.

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- 4637. Diverse Experiences in Diversity at the Geography Department Scale (Sponsored by AAG ALIGNED Diversity Project)**

Room: Harlem Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Patricia A. Solis, Association of American Geographers; Ines Miyares, Hunter College
 CHAIR(S): Ines Miyares, Hunter College
 Introducer: Ines Miyares
 Panelists: Lisa Marshall; Christine M Rodrigue, California State University - Long Beach; Raymond M. Coveney, UMKC Geosciences; Pranoti Asher

- 4639. Cultural and Historical Geographies of Intra-Urban Mass Transit V (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Transportation Geography Specialty Group)**

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Richard Dennis, University College London; Carlos Lopez Galviz, University of London
 CHAIR(S): Richard Dennis, University College London
4:40 Hyun Kim*, University of Tennessee; Yena Song, University of Southampton, *Evolution of an Urban Massive Transit System: Seoul's Experience.*
5:00 Damien Masson*, University of Cergy-Pontoise. MRTE Laboratory, *Embarked Perceptions: Viewing and Sensing the City through the Daily Experience of Transit.*
5:20 Massimo Moraglio*, Center for Technology and Society Berlin Institute of Technology TU-Berlin, *Framing Public and Private Spheres in Transit. Mass Transport between Mobility and Sociability.*
5:40 Martin Schiefelbusch*, ZTG TU Berlin, *The Travel Experience - a New Dimension for Public Transport Planning?*
 Discussant(s): Carlos Lopez Galviz, University of London

- 4641. Integrating Remote Sensing and GIS for Scientific Data II: Hydrologic and Hazards Applications (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, Remote Sensing Specialty Group)**

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Robert Raskin, Jet Propulsion Lab
 CHAIR(S): Robert Raskin, Jet Propulsion Lab
4:40 Shufan Liu*, University of South Carolina, Department of Geography, *Spatial Optimization of Satellite Remote Sensing Image Coverage Allocation for the Hazard Response Phase.*
5:00 Nicole Samu, Master's Student*, The University of Tennessee, *Spatial Discrepancies between Stream Network Datasets and their Effects on Hydrologic Applications: A Comparative Analysis between NHDPlus and LIDAR-Derived Networks.*
5:20 Shai Kaplan*, ASU; Soe W Myint, Dr., ASU, *Estimating agricultural water consumption over an arid region using remote sensing.*
5:40 Andrew J Miller, Ph.D.*, Miami University, *Landslide Susceptibility Mapping Utilizing Visible Spectrum Band Ratios.*
6:00 Siripon Kamontum*, Geo-informatics and Space Technology Development Agency of Thailand, *Application of Hydraulics Model and Remotely Sensed Data for Flood Response Planning: A Case Study of Lower Yom River Basin, Thailand.*

- 4642. The Social Factory Revisited (Sponsored by Economic Geography Specialty Group)**

Room: New York Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Norma Rantisi, Concordia University
 CHAIR(S): Norma Rantisi, Concordia University
 Panelists: Susan M. Christopherson, Cornell University; Andrew Ross, NYU; Gernot Grabher, HafenCity University; Wendy Lamer, University of Bristol; Deborah Leslie, University Of Toronto

- 4644. The Housing Question Revisited IV: Land, Property, Capitalism, Socialism**

Room: Conference Room B, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Gordon MacLeod, University of Durham; Henrik Gutzon Larsen, University of Aalborg
 CHAIR(S): Gordon MacLeod, University of Durham
 Discussant(s): Peter Marcuse
 Panelists: Ute Lehrer, York University; Kate Shaw, University of Melbourne; Tom Slater, University of Edinburgh; Neil Smith, City University of New York

- 4645. Infrastructures of theory: rethinking 'megacity' 2**

Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Colin Mcfarlane, Durham University; Jennifer Robinson, University College London
 CHAIR(S): Ananya Roy
4:40 Jennifer Robinson*, University College London, *Capitalism's urban future and the remaking of urban theory.*
5:00 Jacob Doherty*, Stanford University, *Infrastructures of Responsibility: Formality, Morality, and Garbage in Kampala.*
5:20 Ola Söderström*, Institute of Geography, University of Neuchâtel, *Making Public Space Infrastructures in a Booming City.*
5:40 Sian C. Butcher*, University of Minnesota, *Infrastructures of Debt and Property in the Post-Apartheid Suburb: Remaking Race and Class in South Africa.*
 Discussant(s): Matthew Gandy, University College London

- 4646. Animal Geographies V: Animating Studies: Qualitative Methodologies and the Question of the Animal (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Animal Geography Specialty Group)**

Room: Conference Room D, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Sharon Adams, University of Texas Austin
 CHAIR(S): Sharon Adams, University of Texas Austin
 Introducer: Sharon Adams
 Panelists: Bilal Butt, University of Michigan; Adam Keul; Radhika Govindran, Yale University; Maan Barua, University of Oxford

- 4647. Court Geographies (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Joaquin Villanueva
 CHAIR(S): Joaquin Villanueva
4:40 Marie-Eve Sylvestre*, Faculty of Law, University of Ottawa; Céline Bellot, Social Work, Université de Montréal; Dominique Bernier, Faculty of Law, University of Ottawa, *Judicial control of public spaces in Canada: the case of zone restriction orders.*
5:00 Andrea McArdle*, City University of New York School of Law, *Rescaling Justice.*
5:20 Joaquin Villanueva*, Syracuse University, *'Street corner' judges: policing through the courts in the Parisian banlieue.*
5:40 Lisa M Freeman*, University of Toronto, *The Territoriality of Administrative Law: Untangling the Web of Municipal Governance.*
 Discussant(s): Reecia Orzeck, University of Vermont

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- 4648. Critics Meet Translator/Translation: Pierre Machery's 'Hegel or Spinoza', translated by Susan M. Ruddick (Sponsored by Political Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: *Conference Room F, Sheraton, Lower Level* (Panel Session)
ORGANIZER(S): Keith Woodward, University of Wisconsin-Madison
CHAIR(S): Keith Woodward, University of Wisconsin-Madison
Introducer: Keith Woodward
Panelists: Vinay Gidwani, University of Minnesota; Anna Secor, University of Kentucky; Stuart Elden, University of Durham; Susan Ruddick, University of Toronto; Warren Montag, Occidental College

- 4651. Constructing tourism destinations (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: *Conference Room I, Sheraton, Lower Level* (Paper Session)
ORGANIZER(S): Anne-Marie D'Hauteserre, University of Waikato
CHAIR(S): James Keese, California Poly State University
4:40 Foster Frempong*, Kwame Nkrumah University of Science and Technology; Candice Delassie Kpanga, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, *Public sector workers participation in domestic tourism: A case of Osu Klottey Sub Metropolitan District.*
5:00 Mami Futagami*, Nagoya University of Commerce and Business Administration, *Multi-step Reconstruction of Tourism from Natural Disaster: Case Study of Great East Japan Earthquake.*
5:20 Werner U. Schade*, Pädagogische Hochschule, *I'm off Then: The Old European Pilgrims Way to Santiago de Compostella.*
5:40 James R. Keese*, Cal Poly State University, *The Geography of Volunteer Tourism: Place Matters.*

- 4652. Reflective and Refractive Archives: Co-constructing memory and place (Sponsored by Qualitative Research Specialty Group)**

Room: *Conference Room J, Sheraton, Lower Level* (Paper Session)
ORGANIZER(S): Gentry Hanks, Louisiana State University; Annemarie Galeucia, Louisiana State University
CHAIR(S): Gentry Hanks, Louisiana State University
4:40 Jenny Hay*, LSU; John Anderson, LSU Cartographic Information Center, *What Kind of Library: Questions of Access, Use, and Preservation in the Archive.*
5:00 Paul Watts*, Nicholls State University, *Photographs and sharing meanings of place.*
5:20 Gentry Hanks, MA*, Queen's University, *Making not-my-family's scrapbook: A qualitative, archival exercise.*
5:40 Annemarie Galeucia*, Louisiana State University, *Communication and Commemoration in the Digital Age: Public Photos, Material Culture, and American Civil Religion.*

- 4653. Religion, Politics, and the Public Sphere (Sponsored by Sexuality and Space Specialty Group)**

Room: *Conference Room K, Sheraton, Lower Level* (Panel Session)
ORGANIZER(S): Robert Vanderbeck, University of Leeds
CHAIR(S): Robert Vanderbeck, University of Leeds
Panelists: Peter Hopkins, Newcastle University, UK; Jo Sadgrove, School of Geography; Robert Vanderbeck, University of Leeds; Justin Wilford, University of California Los Angeles; Tristan Sturm, UCLA; Elizabeth Olson, University of Edinburgh

- 4654. Environmental Issues in Eurasia: Energy Development, Resource Extraction, Transboundary, and Urban Dimensions - 2 (Sponsored by Russian, Central Eurasian, and East European Specialty Group)**

Room: *Conference Room L, Sheraton, Lower Level* (Paper Session)
ORGANIZER(S): Nathaniel Trumbull, University of Connecticut; Jessica Graybill, Colgate University
CHAIR(S): Jessica Graybill, Colgate University
4:40 Elena Lioubimtseva, Ph.D.*, Grand Valley State University; Geoffrey M. Henebry, Ph.D., South Dakota State University, *Grain production trends in Russia, Ukraine and Kazakhstan: new opportunities in increasingly unstable world?*
5:00 Galina Yamskikh*, Siberian Federal University, *Methods of climate and vegetation palynological reconstructions in the intracontinental depressions (Yenisei river basin, Siberia).*
5:20 Matthias Schmidt*, Freie Universität Berlin, *Post-socialist Political Ecology in Central Asia - Challenges and Particularities.*
5:40 Shimrit Maman*, Dan G. Blumberg, Prof.; Haim Tsoar, Prof., *Evidence for climate change in Central Asia; an OSL and remote sensing study of the sand seas.*

- 4656. Geographies of Entrepreneurship in Local and Global Economies: Contexts, Practices, and Processes III (Sponsored by Economic Geography Specialty Group)**

Room: *Central Park East, Sheraton, Second Floor* (Paper Session)
ORGANIZER(S): Benjamin Spigel, University of Toronto; Hyejin Yoon, Department of Geography, University of Wisconsin-Milwaukee
CHAIR(S): Hyejin Yoon, Department of Geography, University of Wisconsin-Milwaukee
4:40 Michiel Van Meeteren*, *Learning by bumping: SME transnationalization as a sociological-organizational innovation process.*
5:00 Evangelia Petridou*, Mid Sweden University; Evangelia Petridou, PhD Student, Mid-Sweden University, *Political entrepreneurship and the periphery.*
5:20 Anne Risselada*, Utrecht University; Veronique Schutjens, Dr., Utrecht University, *The Behavioral Perspective Revisited: Understanding firm relocation decisions in urban residential neighborhoods.*
5:40 Paul Richter, Newcastle University; Simon Down, Dr*, Newcastle University; Jane Pollard, Prof, Newcastle University, *Socio-economic contexts of SME's entrepreneurialism: the performativity of regulation.*
6:00 Aviad Pe'er*, Rutgers Business School; Yuval Deutsch, Schulich School of Business; Sabrina Deutsch Salamon, Atkinson Business School, *Dancing with Wolves: A Signaling Model of Capability Based Location Choices of De Novo Entrants.*

- 4657. Urban Gentrification and Scale, Suburbs and Social Movement**

Room: *Central Park West, Sheraton, Second Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Michael D Webb, The Ohio State University
4:40 Suzanne Lanyi Charles*, University of Michigan, *Suburban Gentrification: Understanding the Changing Spatial Pattern of Residential Redevelopment in the Inner-ring Suburbs of Chicago, 2000-2010.*
5:00 Andrejs Skaburskis, PhD*, Queen's University; Emily McGirr, Ms, Queen's University, *Resident Reactions to Their Gentrifying Toronto Neighborhood.*
5:20 Charlotte Recoquillon, PhD*, French Institute of Geopolitics, *Harlem's gentrification: conflicts and resistance.*
5:40 Michael D Webb*, The Ohio State University, *Urban Revitalization, Regimes, and Contemporary Gentrification Processes.*

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6:00 Matthias Bernt*, Institute for Regional Development and Structural Planning, *The "double movements" of neighbourhood upgrading. Gentrification in Prenzlauer Berg and Harlem.*

4658. Ten Years of Global Production Networks (GPN) Research: Prospects and Future Directions Panel (Sponsored by Economic Geography Specialty Group)

Room: *Empire Ballroom East, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Martin Hess, University of Manchester; Neil M. Coe, University of Manchester
 CHAIR(S): Henry Yeung, National University of Singapore
 Panelists: Jennifer Bair, Sociology, CU Boulder; Neil M. Coe, University of Manchester; Martin Hess, University of Manchester; Alex Hughes, Newcastle University; James Murphy, Clark University

4659. Paleoenvironmental Change SG Plenary Session (Sponsored by Paleoenvironmental Change Specialty Group)

Room: *Empire Ballroom West, Sheraton, Second Floor* (Paper Session)
 ORGANIZER(S): Michelle Goman, Sonoma State University; Samantha Kaplan, University of Wisconsin - Stevens Point
 CHAIR(S): Michelle Goman, Sonoma State University
 Introducer: Michelle Goman
4:45 Dorothy M. Peteet, Ph.D*, NASA/Goddard Institute for Space Studies and Columbia University; Steve Frolking, Ph.D, University of New Hampshire; Jonathon Nichols, Ph.D, NASA/Goddard Institute for Space Studies and LDEO; Miriam Jones, Ph.D, University of Alaska, *Muskeg Archives of Carbon Storage - Shifts with Vegetational and Climatic Change.*

4661. New Perspectives on Primitive Accumulation (Sponsored by Socialist and Critical Geography Specialty Group, Economic Geography Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor* (Panel Session)
 ORGANIZER(S): Keith Lindner, Syracuse University; Elvin Delgado, Syracuse University
 CHAIR(S): Keith Lindner, Syracuse University
 Introducer: Elvin Delgado
 Panelists: Wendy Wolford, Cornell University; Tom Perreault, Syracuse University; Marion Werner, University at Buffalo, SUNY; Derek Hall, Wilfrid Laurier University

4662. Gender, Development and Transnationalism 2 (Sponsored by Geographic Perspectives on Women Specialty Group, Asian Geography Specialty Group, Development Geographies Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Ibipo Johnston-Anumonwo, SUNY Cortland; Ann M Oberhauser, West Virginia University
 CHAIR(S): Ann M Oberhauser, West Virginia University
4:40 Vidyamali Samarasinghe*, American University, *"Stuck in a Groove"? examining global anti- sex trafficking initiatives.*
5:00 Ann M Oberhauser*, West Virginia University; Seela Aladuwa, Alabama State University, *"Out of the Kitchen": Gender, Empowerment, and Microfinance Programs in the Global South.*
5:20 Ramakrishnan Alagan*, Alabama State University; Seela Aladuwa, Alabama State University, *Gender mapping in post-disaster relief and recovery following Sri Lanka's 2004 Tsunami.*
5:40 Joyce Wairimu Muthoni*, Ohio University, *Gender and Climate Change: Women's Adaptive Capacity to Climate Change in Mwanza District, Tanzania.*
 Discussant(s): Ibipo Johnston-Anumonwo, SUNY Cortland

4663. Perspectives on Biofuels (Sponsored by Energy and Environment Specialty Group)

Room: *Liberty 1, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Thomas Loder, University of Kentucky
 CHAIR(S): Benjamin M Munro, Kansas State University
4:40 Thomas Loder*, University of Kentucky, *"Obsolete archaism, utopian dreams and manure": Biogas and dairy livelihoods in Vermont.*
5:00 Jarmo Kortelainen*, University of Eastern Finland; Moritz Albrecht, University of Eastern Finland, *Translation loops of bioenergy governance: shifting rationalities of forest utilization.*
5:20 Wei Zhang*, *Biomass assessment in the U.S. Midwest using MODIS time-series imagery.*
5:40 Sinead K Earley, PhD Candidate*, Queen's University; Warren Mabey, Assistant Professor, Queen's University, *The Impact of Bioenergy and Biofuel Policies on Employment in Canada.*
6:00 Benjamin M Munro*, Kansas State University, *Biofuels: Perceptions, Discourse, and Policy Issues.*

4664. Uncertainty - Visualization, Application

Room: *Liberty 2, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Ola Ahlqvist, The Ohio State University
 CHAIR(S): Stephanie Deitrick, Arizona State University
4:40 Edward Park*, University of Texas Austin, *Assessing the errors generated from classification of remotely sensed data using spatial autocorrelation analysis and generalization of relevant classification for certain land cover type.*
5:00 Ruojing Wang*, Texas State University - San Marcos; Yongmei Lu, Texas State University - San Marcos, *Visualization of Uncertainty: Perception and Decision Making.*
5:20 Stephanie Deitrick*, Arizona State University, *Continuous Visualization of Uncertainty.*

4665. Remote sensing based research and applications in watershed, coastal and marine studies (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group, Coastal and Marine Specialty Group)

Room: *Liberty 3, Sheraton, Third Floor* (Paper Session)
 ORGANIZER(S): Jun Zhu, UC Santa Barbara; Helenmary Hotz, University of Massachusetts Boston
 CHAIR(S): Jun Zhu, UC Santa Barbara
4:40 Chang Yi*, University of South Carolina; John R Jensen, University of South Carolina; Michael E Hodgson, University of South Carolina; Daniel R Morgan, GIS Department of Beaufort County, SC, *Synergy of LiDAR and Color-infrared Aerial Photography for Enhanced Salt Marsh Mapping in A Complex Coastal Ecosystem.*
4:54 Wan-Ru Yang*, Zuya, *Mapping impervious surface with high spatial resolution satellite images: NEMDC watershed case study.*
5:08 Alice R. Orlich*, Graduate Student, *See Ice? Satellite Image Validation while Observing Summer Sea Ice Change in the Beaufort Sea and Canada Basin, 2006-2011.*
5:22 Bing Lu*, State Key Laboratory of Estuarine and Coastal Research, East China Normal University, Department of Geography, University of Toronto Mississauga; Xuezhong Jiang, State Key Laboratory of Estuarine and Coastal Research, East China Normal University; Yuhong He, Department of Geography, University of Toronto Mississauga, *The impacts of human activities on tidal flat evolution on the eastern beach of Chongming Island in the Yangtze estuary, China.*

MONDAY, FEBRUARY 27 • 4:40 PM - 6:20 PM • 4600**4666. Trees in the City 3: the extent, drivers, and benefits of urban forests (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Biogeography Specialty Group)****Room:** *Liberty 4, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Tenley M Conway, University of Toronto; Adam Berland, University of Minnesota

CHAIR(S): Andrew Millward, Ryerson University

4:40 Vadim Sabetski*, Ryerson University; Andrew A Millward, Ph.D., Ryerson University, *Ultra High-Resolution Imagery for Evaluation of Urban Tree Canopy Condition.***5:00** Mike Alonzo*, UCSB Geography; Dar Roberts, UCSB Geography, *Fusing imaging spectroscopy and lidar for urban forest inventory.***5:20** Tine Ningal*, University College Dublin (UCD); Gerald Mills, Dr., University College Dublin, *Methodology in capturing data on urban trees and updating the database to assess its environmental role in climate change mitigation - A case for Dublin City, Ireland.***5:40** Joanna DEAN*, Carleton University, *Historical Dimensions of Canopy Cover: Ottawa, 1928-2005.***6:00** Nora Dougherty*, West Chester University of Pennsylvania; Joy Fritschle, West Chester University of Pennsylvania, *A Multi-Method Approach to Determining Preferable Tree Planting Sites in Philadelphia's Urban Forest.***4667. Sustainable Forest Management (Sponsored by Contributions of Physical Geography to Sustainable Development Special Session Track)****Room:** *Liberty 5, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ingrid Nelson, University of Oregon

4:40 Moritz Albrecht*, University of Eastern Finland, *Unfolding relational spaces of environmental governance: aspects of sustainable forest management from core markets to resource peripheries.***5:00** Ashley Marie Enrici, M.A.*, University of Maryland - Department of Geography; Deidre Zoll, WWF-US; Sharon Pailler, WWF-US, *Investigating Biodiversity Conservation through FSC Certification.***5:20** Robin A. Lewis, PhD*, Hobart and William Smith Colleges, *Chaos in the forest? Negotiated meaning, fluid expertise and the ad hoc performance of forest management certification in Malaysia.***5:40** Ingrid Lauren Nelson*, University of Oregon, *One Leader, One Forest: Conflicts and Contradictions in Mozambique's Forest Landscapes.***6:00** Jeff Ueland*, Bemidji State University; Mark Sommer, Hubbard County SWCD / Chippewa National Forest, *Mutually shared objectives: A method for identifying potential blueberry habitat on the Chippewa National Forest.***4670. Historical Social Geographies****Room:** *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Barbara J Eckstein, University of Iowa

4:40 Nicolas Ortega*, Universidad Autónoma de Madrid, *Landscape and Excursions: Experience and Rhetoric of the Excursion in the View of the Landscape from the Modern Geography.***5:00** Manuel Molla*, Universidad Autonoma De Madrid, *Eduardo Hernandez-Pacheco and the Geographic Landscape in Spain. First Half of the 20th Century.***5:20** Sarah K Danielsson, Associate Professor of History*, City University of New York, *Reexamining Darwinian Science and its Relationship to the History of Genocide and Genocidal Events, 1850-1918.***5:40** Peter Meusburger, distinguished senior professor*, Univ of Heidelberg; Peter Meusburger, distinguished seniorprofessor, Department of Geography, Heidelberg University, *Heidelberg University in 19th and early 20th century. A "citadel of knowledge" for US American students.***6:00** Barbara J Eckstein*, University of Iowa, *History of the Dividing Line between Iowa and Minnesota.***4672. Contexts of Development****Room:** *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Habans A Habans

4:40 Katherine M Johnson, Associate Prof*, University of Northern Colorado, *The 1920s housing boom.***5:00** Nick Rose*, Oklahoma State University, *Determining Coal's Place in the Appalachian Regional Commission.***5:20** James Mizes*, Temple University, *Towards an Ethnography of Economic Diversity: Community Land Trusts as Urban Policy.***5:40** Tobias Mettenberger*, Humboldt-University Berlin, *Approaching Everyday Practices as a Crystallization Point for Socio-Spatial Marginalization - Epistemological and Methodological Implications.***6:00** Robert A Habans*, University of Illinois at Chicago; Sara O'Neill-Kohl, University of Illinois at Chicago, *Urban Employment after the Great Recession: A Methodological Dialogue with "Neighborhood Effects" Studies.***4673. Issues in Ethnic Geography III (Sponsored by Ethnic Geography Specialty Group)****Room:** *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Stavros Constantinou, Ohio State University

CHAIR(S): Sarah Moser, Center for Urban and Global Studies, Trinity College

4:40 Reuben Allen*, Indiana State University, *Problematic Issues of Data on Race in Puerto Rico.***5:00** John Adebayo Oyedepo, PhD*, University of Agriculture,; John Adebayo Oyedepo, MSc.GIS; M.E.M.P.; PhD, University of Agriculture, Abeokuta; Omolola Elizabeth Oyedepo, M.Agric., University of Agriculture, Abeokuta; Adedamola Abideen Ogunesan, MScGeography; MSc. GIS, Nigerian Conservation Foundation, Lekki Lagos, *Ethnicity, Natural Resources and Cultural Diversity for National Development.***5:20** Jong-Seo Won*, Kyung Hee University; Chang-Hyeon Joh, Kyung Hee University, *Korean-Chinese ethnic enclave in Seoul.***5:40** Juan Herrera*, UC Berkeley, *Consolidating Movements, Spatializing Presence: How Private Foundations Transformed Oakland Nonprofit Organizations.***6:00** Sarah Moser*, University of Massachusetts Lowell, *The spatiality of supranational Chinese identity in Indonesia.***4674. Transportation and Regions: Governance, Policy, and Equity (Sponsored by Transportation Geography Specialty Group)****Room:** *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Yves Boquet, Université De Bourgogne

4:40 Daniel Rogers*, Hunter College, *The Limits of Authority: The New York Region, The Port Authority, and Metropolitan Governance.***5:00** Marcos Luna, Ph.D.*, Salem State University, *Making MPOs mind their Ps and Qs: A challenge to social and environmental equity in metropolitan transportation planning.***5:20** Laetitia Dablanc*, IFSTTAR; Catherine Ross, Georgia Institute of Technology, *Atlanta as a mega distribution center: Freight and logistics facilities in the Piedmont Atlantic Megaregion.*

MONDAY, FEBRUARY 27 • 4:40 PM - 6:20 PM • 4600

5:40 Annya Chanda Shimi, PhD Candidate*, Department of Geography, University of Toronto, Canada; Ron Buliung, Associate Professor, Department of Geography, University of Toronto, Canada, *The Role of Non-motorized Transport (NMT) in Dhaka's Transport System*.

6:00 Yves Boquet*, Université De Bourgogne, *Moving around the Philippines*.

4675. The Housing Experiences of Immigrants in North American and Australian Cities (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): Stavros Constantinou, Ohio State University

4:40 Nausheen H. Anwar, Dr.*, Independent Scholar, *Geographies of Insurgent Citizenship: Mapping Karachi's Ethnic Politics in its Periphery*.

5:00 Carlos Teixeira*, University of British Columbia Okanagan, *The Housing Experiences and Coping Strategies of Recent Immigrants in the Suburbs of Vancouver*.

5:20 James Forrest*, Macquarie University, *The Housing Resettlement Experience of Recent Refugee Immigrants to Australia*.

5:40 Filip Stabrowski*, UC Berkeley.

4676. Agrarian Change V: Critical Geographies of Land, Social Mobilization, and Agrarian Political Economy (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Alejandro Camargo, Syracuse University

CHAIR(S): Ben Brisbois, University of British Columbia

4:40 Andrew Jobling, Dr*, Sheffield Hallam University, *A Critical Geography of the Agrarian Transition Envisaged by Peru's Olmos Project*.

5:00 Nicolás Frank*, Universidad de la República - Uruguay, *A place for place on territory's territory: understanding Uruguayan agrarian question*.

5:20 Laura-Anne Minkoff-Zern*, UC Berkeley, Department of Geography, *The Agrarian Question in California: Migration and the "New" Peasantry*.

5:40 Vincent Zubedaar Kuire*, University of Western Ontario; Isaac Luginaah, PhD, University of Western Ontario; Godwin Arku, PhD, University of Western Ontario, *"Farming in a strange land" - Migrant farmers in the BAR and their struggles for sustainable livelihood*.

6:00 Rie Makita*, Rikkyo University, *A paradox of organic and Fair Trade initiatives under the prevalence of Bt cotton in India*.

4677. Deaf Geographies III -The Future of Deaf Geographies (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Austin Kocher, The Ohio State University, Department of Geography; Cynthia Benoit

CHAIR(S): Jordan Eickman

4:40 Jeffrey Mansfield*, Harvard University Graduate School of Design, *The Genius of the Deaf Experience: Designing Spaces and Infrastructures of Communication*.

5:00 Hansel Bauman*, Gallaudet University, *The DeafSpace Project: Communicating Through Space, Light, Form and Material*.

5:20 Russell Rosen*, Teachers College, Columbia University, *Sensescapes in the American Deaf Community*.

5:40 Deniz Ilkbasaran*, UC, San Diego, *Late Modernity Mobilities and the Future of Deaf Geographies*.

6:00 Robert Sirvge*, Gallaudet University; Robert T. Sirvage,

Gallaudet University, *Peripatetic Spaces in the Making: New Methodologies for Deaf Epistemologies*.

4678. Watershed Response to Environmental Change: Special Session in Honor of Jim Knox III (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Francis Magilligan, Dartmouth College;

Patricia McDowell, University of Oregon

CHAIR(S): Robert Pavlowsky, Missouri State University

4:40 J. Michael Daniels*, University of Denver; James H Mayer, Western GeoArch Research, *Fluvial responses to environmental change in Middle Park, Colorado*.

5:00 David S. Leigh*, University of Georgia; Genevieve H. Holdridge, University of Georgia; Stephen A. Kowalewski, University of Georgia (Anthropology), *Millennial-Scale Human Influence On Erosion, Sediment Yield, And Stratigraphy In The Mixteca Alta, Oaxaca, Mexico*.

5:20 David W. May*, University of Northern Iowa; Matthew G. Hill, Iowa State University; David J. Rapson, University of Wyoming, *Responses of an Ephemeral Stream Channel in Western Nebraska to Environmental Changes and Concomitant Preservation of Early Holocene Archaeological Sites*.

5:40 Allan James*, University of South Carolina; Subhajit Ghoshal, University of South Carolina, *Geomorphic Change Detection: 150 Years of Floodplain Morphogenesis on the Lower Yuba and Feather Rivers*.

6:00 Patricia McDowell*, University of Oregon, *Methods for Reconstructing River History from the Early Land Survey Records of the U.S.*

4680. Crime and Crime Modeling

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bryan Chastain, University of Texas at Dallas

4:40 Michael Gaffney*, *The Relationship Between Crime And Census Demographics*.

5:00 Charisma S. Acey, PhD*, The Ohio State University; Yumi Choi, The Ohio State University, *How Crime Impacts Resident Perceptions of Neighborhood Boundaries*.

5:20 Charlie Zhang*, University of Louisville, *Diagnosis of the Impact of Foreclosures on Burglary Crime Using Spatial Statistical Methods*.

5:40 Michael Leitner*, Louisiana State University, *Examples of Innovative Crime Modeling and Mapping Research*.

6:00 Bryan Chastain*, University of Texas at Dallas; Fang Qiu, University of Texas at Dallas, *A Residential Burglary Simulation Model Calibrated using Hierarchical Genetic Algorithms*.

MONDAY, FEBRUARY 27**6:30 PM**6:30 p.m. - 7:30 p.m.

- 4713. Human Dimensions of Global Change Specialty Group Business Meeting**

Room: *Gramercy Suite B, Hilton, Second Floor*

- 4740. Title: Generation Gap**

Room: *Hudson York Suite, Hilton, Fourth Floor* (Panel Session)

ORGANIZER(S): Alex Standish

CHAIR(S): Alex Standish

- 4768 Building the National 9/11 Memorial: A Site of Memory and Remembrance**

Room: *New York Ballroom, Sheraton, Third Floor*

Organized by: Association of American Geographers

Introduction: **Kenneth E. Foote**, AAG Past President, University of Colorado

Speaker: **Michael Arad**, Architect and Designer of the National 9/11 Memorial in NYC

Michael Arad is an architect and the winner of the international competition held in 2003 to design the 9/11 Memorial at the World Trade Center site. His design, "Reflecting Absence," was selected from more than 5,000 entries.

On selecting the design, the Memorial Jury stated, "Of all the designs submitted, we have found that 'Reflecting Absence' by Michael Arad, in concert with landscape architect Peter Walker, fulfills most eloquently the daunting but absolutely necessary demands of this memorial. In its powerful, yet simple articulation of the footprints of the Twin Towers, 'Reflecting Absence' has made the voids left by the destruction the primary symbols of our loss."

The American Institute of Architects named Arad one of six recipients of the Young Architects Award in 2006. Arad, a native of Israel, has lived in Israel, the U.K., the United States, and Mexico. He earned a Bachelor's degree from Dartmouth College in 1994 and a Master of Architecture in 1999 from the Georgia Institute of Technology.

- 4780. American Geographical Society Meeting and Reception**

Room: *Park Suite 4, Sheraton, Fifth Floor* (Panel Session)

ORGANIZER(S): Joseph Wood, University of Baltimore

CHAIR(S): Jerome E. Dobson, University of Kansas

6:30 p.m. - 8:00 p.m.

Memorial Reception for Wes Dow

Room: *East Suite, Hilton, Fourth Floor*

7:00 PM - 8:00 PM • 48007:00 p.m. - 8:00 p.m.

- 4836. Ethnic Geography Specialty Group Business Meeting**

Room: *Green Room, Hilton, Fourth Floor*

- 4837. Cartography Specialty Group Business Meeting**

Room: *Harlem Suite, Hilton, Fourth Floor*

- 4839. Stand-Alone Geographers Affinity Group Business Meeting**

Room: *Holland Suite, Hilton, Fourth Floor*

- 4841. Geomorphology Specialty Group Business Meeting**

Room: *Midtown Suite, Hilton, Fourth Floor*

- 4846. Animal Geography Specialty Group Business Meeting**

Room: *Conference Room D, Sheraton, Lower Level*

- 4856. Socialist and Critical Geography Specialty Group Business Meeting**

Room: *Central Park East, Sheraton, Second Floor*

- 4870. Geographic Information Science and Systems Specialty Group Business Meeting**

Room: *Riverside Ballroom, Sheraton, Third Floor*

7:00 PM - 10:30 PM

World Geography Bowl

Room: *Beekman Parlor, Regent Parlor, Sutton Parlor South, Sutton Parlor Center, Sutton Parlor North, Hilton, Second Floor*

See full description on page 30.

8:00 PM - 9:00 PM • 49008:00 p.m. - 9:00 p.m.

- 4936. European Specialty Group Business Meeting**

Room: *Green Room, Hilton, Fourth Floor*

- 4946. Biogeography Specialty Group Business Meeting**

Room: *Conference Room D, Sheraton, Lower Level*

- 4947. Energy and Environment Specialty Group Business Meeting**

Room: *Conference Room E, Sheraton, Lower Level*

- 4950. Political Geography Specialty Group Business Meeting**

Room: *Conference Room H, Sheraton, Lower Level*

- 4956. Urban Geography Specialty Group Business Meeting**

Room: *Central Park East, Sheraton, Second Floor*

- 4967. Recreation, Tourism, and Sport Specialty Group Business Meeting**

Room: *Liberty 5, Sheraton, Third Floor*

- 4970. Transportation Geography Specialty Group Business Meeting**

Room: *Riverside Ballroom, Sheraton, Third Floor*

Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

TUESDAY, FEBRUARY 28 • 8:00 AM - 9:40 AM • 5100**8:00 a.m. - 9:40 a.m.****5101. Geographies of the 'Good Life': Consumption, Marketing and Changing Identities in New Market Economies of Post-Socialist Europe (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Economic Geography Specialty Group)****Room:** Concourse A, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Ulrich Ermann, Institute for Regional Geography, Leipzig; Asta Vonderau, University Mainz, Germany

CHAIR(S): Ulrich Ermann, Institute for Regional Geography, Leipzig

8:00 Ruzica Butigan, University of Zagreb; Jelena Filipovic, University of Belgrade; Matthew Gorton*, Newcastle University; Galjina Ognjanov, University of Belgrade; ?aklina Stojanovic, University of Belgrade; John White, University of Plymouth, *Exploring the Appeal of Socialist Era Brands in Post-Socialist Central and Eastern Europe*.**8:20** Christian Geiselmann*, Leibniz Institute for Regional Geography; Ulrich Ermann*, Leibniz Institute for Regional Geography, Leipzig, *Brand slaves are everywhere - brand slaves are nowhere: Fashion marketing and shopping in the view of Bulgarian consumers*.**8:40** Ksenija Vidmar Horvat*, Faculty of Arts, University of Ljubljana, *Europe Consumed: Memory, Border Imaginaries and Consumer Culture in Slovenia Post-1991*.**9:00** Asta Vonderau, Ass. Prof.*, University Mainz, Germany, *The Making of 'Homo Europaeus': Consumption and Body Techniques in the 'New Europe'*.

Discussant(s): Ulrich Ermann, Institute for Regional Geography, Leipzig

5102. Border Matters! (1) (Sponsored by Cultural Geography Specialty Group)**Room:** Concourse B, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): J J Zhang, Durham University

CHAIR(S): J J Zhang, Durham University

8:00 R. Tina Catania*, Syracuse University, *Building Bridges? Constructing the Nation on Bodies and Borders*.**8:20** Kathy Burrell, Dr*, De Montfort University, *Feeling and Furnishing the Border: The Corporeal and Material Travel Encounters of Post-Socialist Polish Migrants*.**8:40** Tanja Löytynoja*, University of Oulu, *Material and symbolic border-making in tourism: the Finnish-Russian border as tourism space*.**9:00** J J Zhang*, Durham University, *Bordering materialities: A case of cross-strait tourism between China and Taiwan*.

Discussant(s): Anssi Paasi, University of Oulu

5103. Social Geographies of Islam and Muslims I (Sponsored by Geography of Religions and Belief Systems Specialty Group)**Room:** Concourse C, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Peter Hopkins, Newcastle University, UK; Kevin M Dunn, University of Western Sydney

CHAIR(S): Kevin M Dunn, University of Western Sydney

8:00 Kristin Sziarto*, University of Wisconsin-Milwaukee; Anna Mansson McGinty, University of Wisconsin - Milwaukee; Caroline Seymour-Jorn, University of Wisconsin - Milwaukee, *The Muslim Milwaukee Project: Preliminary findings on diversity, racism, and integration*.**8:20** Anna Mansson McGinty*, University of Wisconsin-Milwaukee; Kristin Sziarto, University of Wisconsin-Milwaukee; Caroline Seymour-Jorn, University of Wisconsin-Milwaukee, *Collaboration Across Differences. A Partnership between Scholars and Muslim Community Leaders*.**8:40** Molly R Kraft*, UBC Geography, *Becomings and Belongings in an Apprehensive State: The Integration of Muslim Immigrant Women in Canada*.**9:00** Murat Es*, University of North Carolina, *Western Mosques between Universalism and Particularism*.**5105. Modelling and Visualizing Travel Behavior I (Sponsored by Transportation Geography Specialty Group)****Room:** Concourse E, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso

CHAIR(S): Michalowski Timothy

8:00 Xiaoguang Wang*, Central Michigan University; Joe Grengs, University of Michigan; Lidia Kostyniuk, University of Michigan Transportation Research Institute, *Visualization of non-work activities and its implications in transportation research*.**8:20** Carson J. Q. Farmer*, National University of Ireland, Maynooth, *Choice set generation for spatial interaction models*.**8:40** Weifeng Li*, MIT, *Planning for Land-Use and Transportation Alternatives: Towards Household Activity-Based Urban Modeling for Metro Lisbon*.**9:00** Michalowski Timothy, MUPP*, Abt SRBI Inc., *GPS Travel Behavior Data Spatial Analysis in the Greater Cincinnati, Ohio Region*.**5107. Crime Modeling and Mapping (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)****Room:** Concourse G, Hilton, Concourse Level (Paper Session)

ORGANIZER(S): Michael Leitner, Louisiana State University

CHAIR(S): Jerry Ratcliffe, Temple University

8:00 Harry J. Wilson*, none; Jayce Born, ONU, *Building a Geography-GIS curriculum for Criminal Justice majors in a small private university*.**8:20** Derek Congram, PhD*, Joint POW/MIA Accounting Command, Central Identification Laboratory; Arthur Green*, Okanagan College, *Space and place in forensic anthropology*.**8:40** Nicklas Guldäker*, Department of Human Geography; Per-Olof Hallin, Malmö University, *Spatial analysis of School fires in Malmö, Sweden*.**9:00** Elizabeth Groff*, Temple University-Department of Criminal Justice; Jerry H. Ratcliffe, Temple University; Aaron Fingerhut, Temple University, *Geographies of Surveillance*.**9:20** Jerry Ratcliffe*, Temple University; Elizabeth Groff, Temple University, *Crime reduction effects of the Philadelphia CCTV camera program*.**5108. Constructs of City Imagery****Room:** Beekman Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Hummer, University of Kansas

8:00 Marielle Wastable*, UMR 85014 Géographie-Cités, Université de Versailles Saint-Quentin en Yvelines, *American cities in French geography textbooks, 1905-2004*.**8:20** David P. Fox*, Park University, *"A Bridge Too Far" and Other Myths Concerning the Historical Geography of St. Joseph, Missouri*.**8:40** Matthew D Bissen*, The Graduate Center (CUNY), *The Production of Nature along 'The Great White Way'*.**9:00** David Neal Miller*, Ohio State University, *Brooklyn Crossings: "a simple, compact, well-join'd scheme"*.**9:20** Mark Hummer*, University of Kansas, *Discourse, Popular Images, and History in Salt Lake City, Utah*.

TUESDAY, FEBRUARY 28 • 8:00 AM - 9:40 AM • 5100

5110. Accessing Health and Social Services: New Challenges to Old Problems (1) (Sponsored by Health and Medical Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Mark W Rosenberg, Queen's University; Sara McLafferty, University of Illinois

CHAIR(S): Sara McLafferty, University of Illinois

8:00 Mark W Rosenberg*, Queen's University; Kathi Wilson, University of Toronto Mississauga; Lauren Gurland, Queen's University, *Examining Contact with General Practitioners: Have the Determinants of Access Changed over Time?*

8:20 Kathi Wilson*, University of Toronto Mississauga; Dana Wilson, PhD, University of Toronto Mississauga, *Newcomers and Social Inclusion: Examining the Importance of Settlement Centres.*

8:40 Lu Wang*, Ryerson University, *"Healthy Integration": Accessing culturally-appropriate health services among immigrant populations in Toronto, Canada.*

9:00 Jie Yu*, Queens University; Mark Warren Rosenberg, Queen's University, *Accessing Home Care in Ontario, Canada: the complexity of social determinants and geography.*

9:20 Magali Coldefy*, IRDES; Véronique Lucas-Gabrielli, IRDES, *How to improve measures of spatial accessibility to primary care in France?*

5111. Geographies of Family (Sponsored by Geographic Perspectives on Women Specialty Group, Disability Specialty Group, Economic Geography Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Deborah S Metzel, University of Massachusetts Boston

CHAIR(S): Deborah S Metzel, University of Massachusetts Boston

Introducer: Deborah S Metzel

8:10 Paul B. Frederic*, University of Maine, *Turn the Yellow Bus Around: Reorganizing Rural Education in Maine.*

8:30 Evangeline O. Katigbak*, National University of Singapore, *Bridging Filipino and Italian Connections: Transnational Families in 'Little Italy'.*

8:50 Magdalena Ornstein-Sloan, MA, MPH*, CUNY Graduate Center, *Re-constructing Caregiving.*

9:10 Jeanette Weaver*, Oak Ridge National Laboratory, *Rural Housing in Yemen: Distribution, Composition and Structural Patterns.*

5112. From the Bottom to the Top and vice versa: Market-Based and Planning Instruments for the delivery of environmental services across-scales (Part 1/2)

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Luz Maria Lozada, The James Hutton Institute; Jose Munoz-Rojas, James Hutton Institute

CHAIR(S): Alessandro Gimona, James Hutton Institute

Introducer: Alessandro Gimona

8:05 Mark Tewdwr-Jones*, University College London, *Land Use Futures: Planning and Governance in an Uncertain Age.*

8:22 Henrik Vejre*, University of Copenhagen, *Top down versus bottom up approaches in the management of environmental services.*

8:39 Emily Boyd*, University of Reading (UoR), *Environmentality and forestry offsets: Reconciling emissions trading and local livelihoods in Sirsa-Haryana, India.*

8:56 Jorgen Primdahl*, Forest & Landscape, University of Copenhagen; Simon Swaffield, Centre for Land, Environment and People, Lincoln University, New Zealand, *Spatial strategy making at the landscapes level - between local community actions, municipal planning and globalised driving forces.*

9:13 Roger Owen*, Scottish Environment Protection Agency, *Better regulation and environmental risk management through an ecosystem services approach.*

Discussant(s): Mikitaro Shobayashi, Gakushuin Women's College; Gerald Schwarz, Johann Heinrich von Thuenen Institute; Teresa Pinto-Correia, ICAAM, University of Evora; Alessandro Gimona, James Hutton Institute

5113. Sailing the flagship: mobilizing wildlife in geographies of conservation (Part 1)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Leo Douglas, Columbia University; Meredith Root-Bernstein, Pontificia Universidad Católica de Chile

CHAIR(S): Maan Barua, University of Oxford

8:00 Meredith Root-Bernstein*, Pontificia Universidad Católica de Chile, *Charismatic Chilean trees: static, itchy, and thorny, but exclusive.*

8:20 Timothy J Hodgetts*, King's College London, *Orang-utans as Issue-Animals.*

8:40 John C. Mittermeier, MSc*, Louisiana State University, *Connection standards for cultural perception: exploring the potential to add new dimensions to conservation planning and practice.*

9:00 Leo R Douglas*, Columbia University, *Pride with Prejudice: Can a conservation flagship marginalize members of the fleet?*

Discussant(s): Maan Barua, University of Oxford

5114. Migration of Professionals and the City - Mobility, Locality and Identities of Expatriates and the Global Elite: 1 (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich

CHAIR(S): Lars Meier, University of Munich

Introducer: Lars Meier

8:05 Jonathan V. Beaverstock*, University of Nottingham, UK, *Highly-skilled mobilities: London's global professional elite in banking and financial services.*

8:22 Lina Rincon*, State University of New York at Albany, *Cosmopolitans and Merchants: Ensuring Citizenship Inclusion Out of the Political Body. A Case Study of the Migrant Adaptation Practices of Colombian and Puerto Rican Software Engineers in the United States.*

8:39 Lisa Toccafondi Shutt, Associate Director*, Carter G. Woodson Center for African-American and African Studies, University of Virginia, *Socializing Spouses in Gabon: The Women of "The Petroleum Wives' Club of Port-Gentil".*

8:56 Zeynep Yanasmayan*, KU Leuven, *Ailleurs commence ici: Migration decisions of highly educated Turkish migrants.*

9:13 Kennie W Ting, Mr*, Goldsmiths College, University of London, *"There's No Place Like Home" - New Conceptions of Home for Young Mobile Persons in 6 Global Cities.*

5115. Urban self-organization - Empirical and theoretical lessons from the "globe of everyday life" (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Development Geographies Specialty Group)

Room: Madison Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Eberhard Rothfuss, University of Bonn; Ulrike Gerhard, Ruprecht-Karls University of Heidelberg

CHAIR(S): Eberhard Rothfuss, University of Bonn

8:00 Michael Rios*, University of California, Davis, *Place as a Site of World-making.*

8:20 Genevieve Parente*, The George Washington University,

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Department of Geography, *Urban Migration Strategies in the Russian Arctic*.

- 8:40** Anne-Lise Humain-Lamoure, professor assistant*, University of Paris-Est-Créteil, Lab'Urba; Antoine Laporte, PhD lecturer*, University of Luxembourg and University of Paris-Sorbonne, UR IPSE, Géographie-cités (CNRS UMR 8504), *New governance in the territorial system of the Paris metropolitan area*.

- 9:00** Eberhard Rothfuss*, University of Bonn; Ulrike Gerhard*, Ruprecht-Karls University of Heidelberg, *Social inequality & urban transformation: a transnational perspective on everyday life experiences in North and South American cities*.

Discussant(s): Beatrice Ferrari, EPFL

5117. Dendrochronology V: Dendroecology (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; Shelly A. Rayback, University of Vermont
CHAIR(S): Shelly A. Rayback, University of Vermont

- 8:00** M Ross Alexander*, Indiana State University; James H. Speer, PhD, Indiana State University; Darrin L. Rubino, PhD, Hanover College, *Nutrient and Decay Dynamics of Coarse Woody Debris in Indiana Forests*.

- 8:20** Alexi Grachev*, Siberian Federal University; Eugene Vaganov, Siberian Federal University; Vladimir Shishov, Krasnoyarsk State Institute of Economics and Trade, Russia; Steven Leavitt, University of Arizona; Irina Panyushkina, University of Arizona; Eugene Chebykin, Limnological Institute, Russia; Natalia Zhuchenko, Limnological Institute, Russia; Anastasia Knorre, Institute of Forest, Russia; Malcolm Hughes, University of Arizona; Alexander Kirdyanov, Institute of Forest, Russia; Mukhtar Naurzbaev, Institute of Forest, Russia, *A 700-year record of microelements in tree rings of larch from the Taymir Peninsula, Russia*.

- 8:40** Alix J Conway*, Queen's University; Ryan K Danby, Queen's University, *A dendroecological analysis of forest-grassland dynamics in Southwest Yukon, Canada*.

- 9:00** Alex J Pilote*, University of Tennessee, Knoxville; Henri D Grissino-Mayer, PhD, University of Tennessee, Knoxville, *The Influence of Fire on Stand Structure and Dynamics of Three Habitat Types in El Malpais National Monument, New Mexico, U.S.A.*

- 9:20** Jeffrey M Harris*, Southern Illinois University Carbondale; Charles M Ruffner, Southern Illinois University Carbondale; Matthew D Therrell, Southern Illinois University Carbondale; Clayton K Nielsen, Southern Illinois University Carbondale, *A Dendrochronological Determination of Historical Fire Occurrence and Recruitment in Southern Illinois Oak-hickory Forests*.

5118. Spatial Modeling of Deforestation for REDD (1 of 2)

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Sean Sloan, University of Melbourne

CHAIR(S): Sean Sloan, University of Melbourne

- 8:00** Silvia H Petrova*, Winrock International, *Spatial Modeling Methods to Identify Areas for National REDD Intervention*.

- 8:20** Florencia Sangermano*, Clark Labs, Clark University; James Toledano, Clark Labs, Clark University; Ronald Eastman, Clark Labs and Graduate School of Geography, Clark University, *Land change in the Bolivian Amazon and its implications for REDD+ and endemic biodiversity*.

- 8:40** Victor H Gutierrez-Velez*, Columbia University; Robert G. Pontius Jr., Clark University, *Influence of carbon mapping and land change modelling on the prediction*

of carbon emissions from deforestation.

- 9:00** Sean Sloan, PhD*, James Cook University, *Spatial Projections of Deforestation for REDD: Simpler is Better*.

Discussant(s): Sean Sloan, University of Melbourne

5119. Developing a Global Data Infrastructure for Human Geography (Sponsored by Geographic Information Science and Systems Specialty Group, Population Specialty Group, Cultural Geography Specialty Group)

Room: Nassau A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Marie Urban, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory

CHAIR(S): Todd Sweet, NGA Source (SRA)

- 8:00** David Dickason, Ph.D.*, Western Michigan University, *Extracting Human Geography Information From Large-Scale Historic Map Series: Examples from Southern Asia*.

- 8:20** Marie Urban*, Oak Ridge National Laboratory, *Framework to Support Open Source Population Density Modeling and Development*.

- 8:40** Linda Sylvester*, Oak Ridge National Lab; Marie Urban, Oak Ridge National Lab, *Open Source Data Mining for Development of a Population Density Database*.

- 9:00** Todd Sweet*, NGA Source (SRA)

5120. Watershed Sediment Source Identification I (Sponsored by Geomorphology Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Allen Gellis, U.S. Geological Survey

CHAIR(S): Rajith Mukundan

- 8:00** Allen Gellis*, U.S. Geological Survey, *Identifying Sources of Sediment in the Chesapeake Bay Watershed*.

- 8:13** Patrick Belmont*, Utah State University, *Lidar and radionuclide fingerprinting: advances in watershed sediment budgeting*.

- 8:33** Marcie E Occhi*, University of Pennsylvania; Jane K Willenbring, University of Pennsylvania; F N Scatena, University of Pennsylvania; Jim Kaste, The College of William and Mary; J B Shanley, USGS; Martha Scholl, USGS; W D McDowell, University of New Hampshire; Hyejung Lee, University of Pennsylvania, *Sediment and Carbon Fingerprinting with Meteoric ¹⁰Be, Fallout Radionuclides and Carbon Isotopes over a Hydrograph, El Yunque National Forest, Puerto Rico*.

- 8:46** Diana L Karwan*, Stroud Water Research Center; Anthony Aufdenkampe, Stroud Water Research Center; Rolf Aalto, University of Exeter; Denis Newbold, Stroud Water Research Center; James Pizzuto, University of Delaware, *Within-storm and Seasonal Differences in Suspended Material Composition and Sources in White Clay Creek, USA*.

- 8:59** Anita Trajkovska*, Montclair State University; Joshua C. Galster, Montclair State University; Huan Feng, Montclair State University, *Tracing the origin of fine-grained sediments entering a reservoir using radionuclides*.

- 9:12** A.N. Thanos Papanicolaou, PhD*, The University of Iowa; Christopher Wilson, PhD, The University of Iowa, *Sediment partitioning in a flashy riverine system*.

5121. Economies of Energy I

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Adam Kohn, Salem State University

- 8:00** Yekang Ko*, UC Berkeley; John D. Radke, UC Berkeley, *On-site Solar Energy Utilization in Cities: Location Matters*.

- 8:20** Jeffrey A. Gritzner*, The University of Montana, *The New Energy Economy: A Faustian Bargain*.

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8:40 Paul J Maliszewski*, Arizona State University; Charles Perrings, School of Life Sciences, *Valuing electrical infrastructure resilience: A two stage estimation.*

9:00 Eric Compas, Ph.D.*, University of Wisconsin-Whitewater; Andrew Ciganek, Ph.D., University of Wisconsin-Whitewater; Jennifer Flad, Ph.D., University of Wisconsin-Whitewater; Lance Weinhardt, Ph.D., University of Wisconsin-Milwaukee, *Taking the measure of "smart" metering: monitoring and behavior in a residence hall and broader implications for the politics of energy.*

9:20 Adam Kohn*, Salem State University; Marcos Luna*, Salem State University, *Building a Community Energy Atlas.*

5123. Media, Geography, and the Performance of Identity

Room: *Sutton Parlor Center, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Derek H Alderman, East Carolina University; John Strait, Sam Houston State University
 CHAIR(S): John Strait, Sam Houston State University
8:00 Chang Yoon Jeong*, *Place representation in Korean War films: An analysis of positionality.*
8:20 Andrew Shears*, University of Wisconsin - Fox Valley, *Location-Based Social Networking and Digital Performances of Personal Geography.*
8:40 Kimberly Black*, University of Tennessee, *Representations of Race, Ethnicity and the City in Social Media: Racial Framing and Counter-Framing in the Social Production of Space.*
9:00 Caitlin Grann*, Texas Tech University, *Music and Place in Lubbock, Texas.*
9:20 John Byron Strait, Dr.*, Sam Houston State University, *Soundscapes of the Hoochie Coochie Man: The Music of Muddy Waters and the Southern Diaspora.*

5124. Affective Attachments and Environmentalism

Room: *Sutton Parlor North, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Kathryn Pratt, University of Minnesota; Ursula Lang, University of Minnesota
 CHAIR(S): Kathryn Pratt, University of Minnesota
 Panelists: Pavithra V. Kathanadhi, University of North Carolina, Chapel Hill; Lisa Campbell, Duke University; Hannah Gosnell, Oregon State University; Donna Houston, Macquarie University; Ann Marie F Murnaghan, York University; William Lindeke, University of Minnesota; Mabel Gergan, UNC-Chapel Hill

5125. Modeling Spatio-Temporal Changes in Health Issues

Room: *Sutton Parlor South, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Jay Lee, Kent State University
 CHAIR(S): Jay Lee, Kent State University
8:00 Imelda K Moise*, University of Illinois at Urbana-Champaign; Marilyn O Ruiz, PhD, University of Illinois at Urbana-Champaign, *Spatial-Temporal Cluster Analysis of Stress-Related Hospital Admissions: Pre- and Post-Hurricane Katrina.*
8:20 Jonathan D Mayer, PhD*, University of Washington; Eyal Oren, PhD, Public Health King County-Seattle and University of Washington, *Molecular Epidemiology and the Spatial Analysis of Disease: The Examples of M. tuberculosis and N. Gonorrhoeae.*
8:40 Shreya Basu*, Clark University, *Examining the relationship between income and poverty and Diabetes, Cancer and AIDS death cases in Massachusetts: Changes in the spatial and temporal patterns by race and income from 2000-2008.*

5131. Embodied Food Politics: Author Meets Critics

Room: *Petit Trianon, Hilton, Third Floor* (Panel Session)
 ORGANIZER(S): Michael Goodman, King's College London
 CHAIR(S): Michael Woods, Aberystwyth University
 Panelists: Michael Woods, Aberystwyth University; Allison N Hayes-Conroy, Temple University; Jessica Hayes-Conroy, Hobart & William Smith Colleges; Josée Johnston, University of Toronto; Emma Roe, Geography and Environment, University of Southampton; Michael Carolan, Colorado State University

5132. Growing (in) the city: critical perspectives on urban gardening (session 1)

Room: *Rendezvous Trianon, Hilton, Third Floor* (Paper Session)
 ORGANIZER(S): Paul Milbourne, Cardiff University
 CHAIR(S): Paul Milbourne, Cardiff University
8:00 Katheryn Michelle Glowa*, UCSC, *Grounding Urban Agricultural in the Urbanization of Neoliberalism in US Cities: Assessing the Property Dynamics and Organizational Structures of Organized Gardening Projects.*
8:20 Alessandro Coppola*, Politecnico di Milano; Alessandro coppola, Politecnico di Milano, *Growing in the shrinkage. Urban Agriculture and Urban Form in Rust-belt cities.*
8:40 William Hall*, Florida International University, *Food Justice in Miami: Alternative Development Through Interculturality.*
9:00 Alexander Tarr*, UC Berkeley Geography, *"Is this Land Made for You and Me?".*
9:20 Mary Beth Pudup*, University of California, Santa Cruz, *A Community. A Garden. A Community Garden?.*

5135. Rethinking the Terrain of Geopolitics I: (In)Security, Violence, and the State (Sponsored by Political Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *East Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Vanessa Massaro, Penn State University; Jill Williams, Clark University
 CHAIR(S): Vanessa Massaro, Penn State University
8:00 Vanessa A Massaro*, Penn State University, *Drugs, Militarization and Economic Subjects: Towards a Neighborhood Geopolitics in Philadelphia.*
8:15 Bettina Natalie Fredrich*, Department of Geography, *Feminist security: from critique to alternatives.*
8:30 Dana Cuomo*, Pennsylvania State University, *Unjust power: State policy and the response to intimate partner violence.*
8:45 Jennifer Fluri*, Dartmouth, *"We are here for the Women": Reconsidering the geopolitical terrain of imagined feminisms and violent geographies.*
 Discussant(s): Lorraine Dowler, Penn State University

5136. Crisis, protest and participation (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: *Green Room, Hilton, Fourth Floor* (Panel Session)
 ORGANIZER(S): Caitlin Cahill, City University of New York; Rachel Pain, University of Durham
 CHAIR(S): Caitlin Cahill, City University of New York
 Panelists: Mark Purcell, University of Washington; Gregory Martin, University of Technology Sydney; Nathan Clough, University of California, Davis; Keith Woodward, University of Wisconsin-Madison; Maria Elena Torre, Public Science Project; Michelle Fine, graduate center cuny

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- 5137. "Cities and Sexualities" by Phil Hubbard: Author meets Interlocutors (Sponsored by Urban Geography Specialty Group, Sexuality and Space Specialty Group)**

Room: *Harlem Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Michael Brown, University of Washington
 CHAIR(S): Michael Brown, University of Washington
 Discussant(s): Natalie Oswin, McGill University; Lawrence Knopp, University of Washington Tacoma; Mary Thomas, Ohio State University; Lynda Johnston, University of Waikato; Phil Hubbard, University of Kent

- 5139. Feminist research methods and 'the everyday' (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**

Room: *Holland Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Roberta Hawkins, University of Guelph; Jill Williams, Clark University
 CHAIR(S): Jill Williams, Clark University
8:00 Tiffany Muller Myrdahl, PhD*, University of Lethbridge, *Capturing the everyday through oral history methodologies.*
8:20 Sendy E. Guerrier*, Temple University, *A Framework for Examining the Labor Market Incorporation Experiences of Haitian Immigrants in Philadelphia.*
8:40 Roberta Hawkins*, University of Guelph; Leslie Kern, Mount Allison University; Oona Morrow, Clark University, *Feminist research in the blogosphere: Power and ethics in the virtual world.*
9:00 Heather McLean*, York University, *Performing the reluctant researcher at Don Blanche.*
 Discussant(s): Pamela Moss, University of Victoria

- 5141. Inventing places: new geographies of aboriginal practice (Sponsored by Indigenous Peoples Specialty Group)**

Room: *Midtown Suite, Hilton, Fourth Floor* (Paper Session)
 ORGANIZER(S): Caroline Desbiens, Université Laval
 CHAIR(S): Caroline Desbiens, Université Laval
8:00 Bastien Sepulveda*, University of Rouen, *Exploring the city as an emerging place in the Mapuche territory in Chile.*
8:20 Ioana A. COMAT*, Network DIALOG / Laval University (CA) / Université de Pau et des Pays de l'Adour (FR), *Rethinking the Seeming Naturalness of Reserves: the Case of Urban Aboriginal Presence in Montreal.*
8:40 Laurence Simard-Gagnon, MSc candidate*, Université Laval, *Managing subsistence systems in Nunavik: a case study of berry harvesting by Inuit women of Inukjuak.*
9:00 Ellen Avard, PhD Candidate*, Université Laval, *Greenhouses in the North: Developing a New Type of Local Food System in Nunavik.*
 Discussant(s): Irène Hirt, Laval University - University of Geneva

- 5145. Troubling urban politics I: re-thinking theoretical approaches (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)**

Room: *Conference Room C, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Kevin Ward, University of Manchester; Eugene McCann, Simon Fraser University
 CHAIR(S): Allan Cochrane, Open University
8:00 Crispian Fuller*, Aston University, *Urban politics, assemblages and the social practices of negotiation: Conceptual insights from French Pragmatism.*
8:20 Scott Rodgers*, Birkbeck, University of London, *Theorizing an urban politics of mobilities and relations: a critical appraisal of Pierre Bourdieu's social fields.*
8:40 Marit Rosol*, Goethe Universität Frankfurt, *Conduct and counter-conduct as modes of urban politics? - The*

benefits of the governmentality approach for the analysis of urban politics.

9:00 Nicolas Van Puymbroeck*, University of Antwerp, *The Deadlock of Post-Political Politics? The Multiple Disavowals of 'The Political' in the Case of Migrant Integration in Antwerp, Belgium.*

9:20 Gordon MacLeod*, University of Durham; Lynn Staeheli, Durham University, *Contested Metropolitans.*

- 5146. Transnational Lifestyles in SEE**

Room: *Conference Room D, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Doris Wastl-Walter, University of Berne; Vera Pavlakovich-Kochi, University of Arizona
 CHAIR(S): Doris Wastl-Walter, University of Berne
8:00 Doris Wastl-Walter*, University of Berne; Vera Pavlakovich-Kochi*, University of Arizona, *Challenged Borderlands a Decade Later.*
8:20 Borna Fuerst-Bjelis*, University of Zagreb, Faculty of Science, Department of Geography, *Spatial Images and Regional Identities in Multicultural Realities of the Early Modern Croatian Borderlands.*
8:40 Eszter Gabrity*, Scientific Association for Hungary Research, *Transnational lifestyles among Hungarian minority commuters from Serbia to Hungary.*
9:00 Béla Filep*, University of Bern, *On the Importance of Cultural Capital for Good-Neighbourly Relations.*
 Discussant(s): Anton Gosar, University of Primorska

- 5147. Iron Sheep: An open session dedicated to lightning mapping and understanding VGI in the "wild" (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Communication Geography Specialty Group)**

Room: *Conference Room E, Sheraton, Lower Level* (Panel Session)
 ORGANIZER(S): Matthew Zook, University of Kentucky; Mark Graham, University of Oxford
 CHAIR(S): Mark Graham, University of Oxford
 Discussant(s): Matthew W. Wilson, University of Kentucky; Jeremy Crampton, University of Kentucky
 Panelists: Mark Graham, University of Oxford; Monica Stephens, University of Arizona; Matthew Zook, University of Kentucky; Taylor Shelton, Clark University; Candice Wallace, University of Kentucky

- 5148. Web-based Search Technology for GIScience (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)**

Room: *Conference Room F, Sheraton, Lower Level* (Paper Session)
 ORGANIZER(S): Zhipeng Gui, Liesmars (State Key Laboratory of Information Engineering in Surveying, Mapping); Kai Liu
 CHAIR(S): Jizhe Xia
8:00 Jizhe Xia*, CISC, George Mason University, *An optimized spatial index by using spatiotemporal principles.*
8:20 Kai Liu*, *Using semantic search and knowledge reasoning to improve the discovery of Earth science records: an example with the ESIP Semantic Testbed.*
8:40 Chuanrong Zhang*, University of Connecticut, Department of Geography and Center for Environmental Sciences and Engineering; Tian Zhao, Department of Computer Science, University of Wisconsin; Weidong Li, University of Connecticut, Department of Geography, *Towards automatic search of geospatial features for disaster and emergency management.*
9:00 Patrick Florance*, Tufts University, *The Open Geoportal.*
9:20 Zhipeng Gui*, Center of Intelligent Spatial Computing for Water/Energy Science (CISC); Jizhe Xia, Center of Intelligent Spatial Computing for Water/Energy Science (CISC); Kai Liu, Center of Intelligent Spatial

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Computing for Water/Energy Science; Chaowei Yang, Center of Intelligent Spatial Computing for Water/Energy Science, *An integrated distributed searching portal for geospatial resource discovery.*

5150. Authors Meet Critics: Derek Hall, Philip Hirsch, and Tania Murray Li, Powers of Exclusion: Land Dilemmas in Southeast Asia.

Room: Conference Room H, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Peter Vandergeest
 CHAIR(S): Peter Vandergeest
 Introducer: Peter Vandergeest
 Discussant(s): Christian Lund, Roskilde University; Janet Sturgeon, Simon Fraser University; Wendy Wolford, Cornell University; Nancy Lee Peluso, University of California
 Panelists: Derek Hall, Wilfrid Laurier University; Tania M Li, University of Toronto

5151. Quo Vadis, Neoliberalism? Impact on Development (Sponsored by Regional Development and Planning Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University; Jurgen Von Mahs, The New School
 CHAIR(S): Abdul Alim Habib, Queens University
8:00 Jurgen Von Mahs*, The New School, *Neoliberal Policy and Its Impact on Homelessness in Berlin, Germany.*
8:20 Jennifer Massey*, Baylor University; Sean Field, Queen's University, *Neoliberalism and the Canadian University.*
8:40 Tatiana Acevedo*, Université de Montréal, *Conflict and health reform in Santander, Colombia.*
9:00 Abra Adamo*, Carleton University, *Intensifying Inequality?: Smart growth intensification in an era of neoliberal urban governance.*
9:20 Abdul Alim Habib*, Queens University, *The Mission to Transform Accra: Matters Arising.*

5152. International Migration and Development in Latin America (Sponsored by Population Specialty Group)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder
 CHAIR(S): Brad Jokisch, Ohio University
8:00 Jonathan Burkham*, University of Wisconsin - Milwaukee, *The End of Mexican Immigration: What? Really?.*
8:20 Richard Jones*, University of Texas at San Antonio, *Migrant Agency and Community Structure: Competing Explanations for Underdevelopment in Migrant Sending Communities of Rural Central Mexico.*
8:40 Aaron Malone*, *Evaluating Mexico's 3x1 Program: Local variation and effects of the US recession.*
9:00 Brad Jokisch*, Ohio University, *The "Fifth Region" and the Migration-Development Nexus: Ecuador reaches out to its Migrants Abroad.*

5153. Land acquisition and its ramifications

Room: Conference Room K, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Emily Scarborough, Ohio State University; Sayoni Bose, Ohio State University
 CHAIR(S): Emily Scarborough, Ohio State University
8:00 Sanjoy Chakravorty*, Temple University, *The Price of Land: Acquisition and Conflict in India.*
8:20 Sayoni Bose*, Ohio State University, *Struggles Around Land Acquisition In India.*
8:40 Judd Schechtman, JD MUP*, Rutgers University Bloustein School of Planning, *The Whac-a-Mole Theory of Urban Development: An alternative explanation for the use of eminent domain for "economic development".*
9:00 Najib Benjamin Hourani*, Michigan State University,

Dept. of Anthropology, Global Urban Studies Program, *Illiberal City: Capitalism, Power and Politics in Beirut and Amman.*

9:20 Emily Scarborough*, Ohio State University, *Villes Sans Bidonvilles: The state, capital, and dispossession in urban Morocco.*

5154. Geographies of Media 11: Seed Spirit: The Otomi of Carolina del Norte - a film by Altha Cravey and Elva Bishop (Sponsored by Political Geography Specialty Group, Latin America Specialty Group, Communication Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Joseph Palis, North Carolina State University; Christopher Lukinbeal, University of Arizona
 CHAIR(S): Ken Hillis, University of North Carolina - Chapel Hill
 Discussant(s): Melissa W Wright, Penn State University; Altha J Cravey, University of North Carolina
 Panelists: Mathew Coleman, Ohio State University; Elizabeth L. Sweet, Temple University; Sanjukta Mukherjee, DePaul University; Joseph Bryan, Department of Geography, University of Colorado, Boulder

5156. Frontiers in Spatial Demography and Population Geography (Sponsored by Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group, Population Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Panel Session)
 ORGANIZER(S): Sandra Baptista, CIESIN, The Earth Institute at Columbia University
 CHAIR(S): Michael Goodchild, University of California - Santa Barbara
 Discussant(s): Stephen A Matthews, Pennsylvania State University
 Panelists: Karen C. Seto, Yale University; Seth Spielman, University of Colorado; Michael Reibel, California State University; Mark Montgomery, Population Council; David Rain, The George Washington University

5158. Biogeography Methods

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Russell Fielding, The University of Denver
8:00 Kelley A Crews*, University of Texas; Thoralf Meyer, University of Virginia & University of Texas, *Conservation Corridor Planning for Key Wildlife in the Central Kalahari.*
8:20 Frederick S. Pianalto, MS*, University of Arizona, *Remote Sensing and GIS Habitat Model for Rodent Abundance in Southeastern Arizona.*
8:40 Andrea Presotto, PhD*, The University of Georgia; Michele Verderane, Ph.D., University of Sao Paulo; Patricia Izar, PhD, University of Sao Paulo; Marguerite Madden, PhD, *The University of Georgia, Frames of orientation in two species of Capuchin Monkeys based on GIS analyses.*
9:00 Russell Fielding*, The University of Denver, *Whaling Futures: A Survey of Faroese and Vincentian Youth on the Subject of Artisanal Whaling.*

5159. Brain Drain, Local Governance, and the Translocal Citizen

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Victoria O. Alapo, Metropolitan Community College
8:00 Nannette Abrahams*, Goethe-Universität Frankfurt Am Main, *Europe's securitization of migration in Senegal and the hip hop movement's geographic imaginations on translocal citizenship.*
8:20 Kenneth Stahl*, Chapman University School of Law, *Local Government, One Person/One Vote, and the Jewish*

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8:40 Gashawbeza Bekele*, Tennessee State University, *Migration of skilled manpower from Africa in the digital age: revisiting policy options.*

9:00 Karen Marchand, BA*, Brandon University; Ken Beesley, Phd, Brandon university, *outmigration and women's participation in local governance structures in rural mexico.*

9:20 Victoria Alapo*, Metropolitan Community College, Omaha, Nebraska, *The Positive Influence of Brain Drain on the Socio-Economic Development of Nigeria: a Case Study of the City of Ogbomoso.*

5160. Who borders and how? I (Sponsored by Political Geography Specialty Group)

Room: *Lenox Ballroom, Sheraton, Second Floor (Paper Session)*

ORGANIZER(S): Reece Jones, University of Hawaii at Manoa; Corey Johnson, University of North Carolina - Greensboro

CHAIR(S): Reece Jones, University of Hawaii at Manoa

8:00 Peter Wood*, Florida State University, *Illicit Borders: The Intersection of Crime, Politics and Economics in Latin America.*

8:20 Jennifer Turner*, Aberystwyth University, *The 'Where' and the 'What' of prison life.*

8:40 Vanessa Lamb*, York University, Geography, *Local Knowledge, National Borders: Environmental governance and the (re)making of the Thai-Burma border.*

9:00 Emma S. Norman, PhD*, Northwest Indian College, *Re-framing transboundary water governance for, and by Native Communities: An analysis of shared governance and shared waters in the Yukon River Watershed and Salish Sea Basin.*

9:20 Kenneth D Madsen*, The Ohio State University, *The Making of a Border: Intra-Tohono O'odham Division and Distinction Along the U.S.-Mexico Line.*

5161. Material Culture and Geography I (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group)

Room: *Carnegie Suite East, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Sara Keough, Saginaw Valley State University

CHAIR(S): Sara Keough, Saginaw Valley State University

8:00 Joy Whiteley Ackerman, M.S., Ph.D.*, Antioch University, *Making Walden Say 'Thoreau'.*

8:20 Henry Lawrence*, Edinboro Univ of Pennsylvania, *New York City - the birthplace of the American street tree.*

8:40 Ronan Foley*, NUI Maynooth, *A Reservoir to Boot: Bodies, Swimming & Well-being.*

9:00 Angela M Person, Doctoral Student*, The University of Oklahoma, *The Physical Science Center: A significant? if unpopular? Oklahoman monument to the aesthetics and politics of the 1960s.*

9:20 Darrell A Norris*, suny geneseo, *Suspended Animation: The Independent Motel in America's Heartland.*

5162. Manufacturing Transformed? From Design-Driven Competitiveness to Financialisation (1) (Sponsored by Economic Geography Specialty Group)

Room: *Carnegie Suite West, Sheraton, Third Floor (Paper Session)*

ORGANIZER(S): Vida Vanchan, Buffalo State College; John Bryson, University of Birmingham

CHAIR(S): Jennifer Clark, Georgia Institute of Technology

8:00 John Bryson*, University of Birmingham, UK, *The end of manufacturing as we know it: hybrid manufacturing systems and hybrid products and the development of new geographies of production.*

8:20 Richard Funderburg*, University of Iowa, *Productivity of Access to External Markets: A Firm-Level Cost Approach in Brazil.*

8:40 Tarry Hum*, City University of New York, *Immigrant Clusters in the Fashion Capital of the World.*

9:00 Marc Doussard*, University of Illinois at Chicago; Greg Schrock, Portland State University, *Same Sad Song? Labor Market Restructuring and the Evolving Geography of U.S. Manufacturing, 1980-2007.*

9:20 Laura Wolf-Powers*, University of Pennsylvania, *Shoring Up Manufacturing in a Mature Innovation Region: The Case of Bioscience in Greater Philadelphia.*

5163.

Room:

Climate Change in Fragile States

Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Mark O'keefe, Clark University

CHAIR(S): Janpeter Schilling, University of Hamburg

Introducer: Mark O'keefe

8:05 Janpeter Schilling*, University of Hamburg; Jürgen Scheffran, University of Hamburg/KlimaCampus/ Institute for Geography/CLISEC, *Climate Change, Fragility and Adaptation in Kenya.*

8:25 Mark O'keefe*, Clark University; Kate Houghton, University of Kiel, *Financing Adaptation in Fragile States: The Interactions Between Development Aid and International Climate Financing Mechanisms.*

8:45 John All*, Western Kentucky University; David Evans, Western Kentucky University; Robert Zomer, PhD, ICIMOD, Kathmandu, Nepal, *Resource Management and Civil War in the Central Himalayas of Nepal.*

9:05 Osman Hamdan*

Discussant(s): Peter Michael Link, University of Hamburg

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Room:

Financialization and the city: theories, practices and policies (1)

Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katia Attuyer, LATTs; Halbert Ludovic

CHAIR(S): Halbert Ludovic

8:00 Alexia Yates*, Harvard University, *Districts of the Future: Finance and Built Space in Paris, 1880-1914.*

8:20 Sinead Kelly, Lecturer*, Dept. of Geography, NUI Maynooth, Ireland, *Financial systems and the global-local dialectic: Anglo Irish Bank as mediator.*

8:40 Katia Attuyer, Dr*, LATTs; Halbert Ludovic, Dr*, LATTs, Paris-Est, *Commercial Real Estate Investment in France: spatial hyperaesthesia and sustainable development.*

9:00 Sabina Uffer*, London School of Economics, *What Is the Nature of Institutional Investors in Comparison with State-owned Housing Companies?.*

9:20 Natacha Aveline*, French Center for Research on Contemporary China, *The change in urban pattern under the rise of real estate securitization in Tokyo.*

5165.

Room:

Re-examining the linkages between transportation, urban form, and energy use (Sponsored by Geographic Information Science and Systems Specialty Group, Energy and Environment Specialty Group, Transportation Geography Specialty Group)

Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Mark Horner, Florida State University; Richard D Knowles, University of Salford

CHAIR(S): Mark Horner, Florida State University

8:00 Michael Kuby*, Arizona State University; Scott Kelley, Arizona State University; Joseph Schoenemann, Arizona State University, *Spatial refueling patterns of drivers of natural gas and gasoline cars in Los Angeles.*

8:20 Robin Hickman, Dr*, University College London; David Banister, Professor, University of Oxford, *Sustainable Transport Futures and Urban Structure. Lessons from London and Jinan.*

8:40 Peter John Marcotullio*, Hunter College, CUNY; Jochen Albrecht, Hunter College, CUNY; Andrea Sarzynski,

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University of Delaware; Niels B. Schulz, IIASA; Jake Garcia, Independent; Deborah Balk, Baruch College, CUNY; Mark Montgomery, Population Council, *Asian Urban Transportation Greenhouse Gas Emissions: Geography, influences and future predictions.*

9:00 Mark Horner*, Florida State University, *Transportation, Land Use, and Energy Research: New Directions and Research Needs.*

5166. Contemporary North American Suburbanisms: Concepts and Metrics I (Sponsored by Urban Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Pablo Mendez, University of British Columbia; Markus Moos, University of Waterloo

CHAIR(S): Pablo Mendez, University of British Columbia

8:00 Deirdre Pfeiffer, Ph.D.*, Arizona State University, *Racial Stratification in the Post-Civil Rights Suburbs?*

8:20 Christopher Niedt*, Hofstra University, *From Diverse Suburban Demographics to Diverse Suburban Politics.*

8:40 Liam McGuire*, Geography Department, University of British Columbia, *Mapping the Megacity: Spatializing the Housing Issues of Immigrants in the Post-Fordist City of Toronto.*

9:00 Mike Bulthuis*, University of Ottawa, *Still the same story? Identifying a teenager's space in the suburb.*

5167. A Discursive Climate of Diversion: Obscuring Causality, Responsibility, and Blame (Sponsored by Climate Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): David M. Hughes, Rutgers University

CHAIR(S): David M. Hughes, Rutgers University

Panelists: Pamela McElwee, Rutgers; Jesse Ribot, University of Illinois; Matthew Turner, University of Wisconsin-Madison; Edward Carr, University of South Carolina; David M. Hughes, Rutgers University

5168. Water Resources Management

Room: New York Ballroom East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin W. Murphy, Arizona State University

8:00 Kiersten Wilde*, University of Nevada, Las Vegas; William J. Smith, Jr., PhD, University of Nevada, Las Vegas, *Water Purveyor's Perceptions and Attitudes Towards Climate Change: A Survey of Nevada.*

8:20 Yun Ouyang*, School of Sustainability, Arizona State University; Elizabeth Wentz, School of Geographical Sciences and Urban Planning, Arizona State University; Benjamin Ruddell, College of Technology and Innovation, Arizona State University, *Scale-dependency in the relationships of single-family residential water use with its determinants in Phoenix, Arizona.*

8:40 Christy Mercer*, Arizona State University; Michail Fragkias; Arijit Guha, Arizona State University; Lauren Withycombe, Arizona State University; Christina Wong, Arizona State University, *Urban adaptation to climate change and water resources: A two-tiered systematic review of rapidly growing arid and semi-arid world regions.*

9:00 Bruce M. Hall*, UWSP and SIUC, *Inclusive Participation and the Legitimacy of Watershed Collaborations.*

9:20 Kevin W. Murphy*, Arizona State University; Andrew W. Ellis, Virginia Polytechnic Institute and State University, *Assessing the Resilience and Vulnerability of a Surface Water Reservoir System to the Cumulative Impacts of Climate Variability and Change.*

5169. Urban Development and Growth

Room: New York Ballroom West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Samuel Cortez, San Diego State University

8:00 Robert Heyman*, the Ohio State University, *The Politics of Urban Growth and the Expansion of Fort Bliss, Texas: A Reevaluation of "The Rise of the Gunbelt" and "Urban Fortunes".*

8:20 Jan Dohnke*, Freie Universität Berlin, *Participation in neoliberal urban development in Buenos Aires - Limits and Prospects.*

8:40 John Miron*, University of Toronto, *Markets and the organization of cities.*

9:00 Michael Hooper, Graduate School of Design, Harvard University; Jenny Cadstedt*, The Nordic Africa Institute, Uppsala, *Moving Beyond "Community" Participation: Perceptions of Renterhood and the Dynamics of Participation Around Urban Development in Dar es Salaam, Tanzania.*

9:20 Samuel Cortez*, San Diego State University, *Centro Histórico de Tijuana: Memory Preservation, Revanchism, Neoliberalism and Globalization in the U.S. Mexico Border.*

5170. The Normalcy of Urban Neoliberalism and its Limits I: Concepts of Normalization (Sponsored by Urban Geography Specialty Group)

Room: Riverside Ballroom, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Anne Vogel pohl, TU Berlin

CHAIR(S): Robert Puetz

8:00 Felix Silomon-Pflug*, Department of Human Geography, Goethe University, *Re-ordering the city in an entrepreneurial way - New Public Management in Frankfurt am Main, Germany.*

8:20 Nikolai Roskamm, Dr.*, TU Berlin, *Urbanism and political theory: exploring a difficult relationship.*

8:40 Helen Carter*, Aalborg University, *Moving Beyond the Competitive Discourse in Denmark.*

9:00 Jon Loit*, Institute for Housing and Urban Research, Uppsala university, *Urban planning as the problem or solution for the divided city?*

9:20 Mathias Rodatz*, Department of Human Geography, Goethe-University Frankfurt, *Migration and Urban Order in the Neoliberal City.*

5171. Cities and Climate Change Experimentation I: drivers, dynamics and consequences (Sponsored by Energy and Environment Specialty Group)

Room: Riverside Suite, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Harriet Bulkeley, Durham University; Alex Aylett

CHAIR(S): Alex Aylett

8:00 Joann Carmin*, Massachusetts Institute of Technology; Harriet Bulkeley, Durham University, *Experimentation in Urban Climate Governance: Stepping into the Institutional Void.*

8:20 Vanesa Castan Broto*, University College London, *Can partnerships deliver climate compatible development in cities in the Global South? The case of Maputo, Mozambique.*

8:40 Maria Francesch-Huidobro, Assistant Professor*, City University of Hong Kong, *Asia's World City Climate Policy Progressions.*

9:00 Robyn Dowling*, Macquarie University; Pauline McGuirk, University of Newcastle, Australia; Harriet Bulkeley, Durham University, *Australian urban carbon governance: local governments and experimentation.*

9:20 William Solecki*, Hunter College - CUNY, *When to Act: Extreme Climate Events as Tipping Points in Urban Water Management Policy Transitions in Metropolitan United States.*

TUESDAY, FEBRUARY 28 • 8:00 AM - 9:40 AM • 5100**5172. Locating Alternative Geographies Through the Spatial Imaginary**

Room: *Madison Suite 2, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Ingrid M Butler; Asha Best, Rutgers University
 CHAIR(S): Ingrid M Butler

8:00 Gordon C. C. Douglas*, University of Chicago, *Don't Wait for Anybody to Give you Permission: Unauthorized Urban Design 'Contributions' in the Contemporary City.*

8:20 Anne Vogelpohl*, Goethe-University Frankfurt (Main), *Everyday Imaginaries of a City Yet to Come.*

8:40 Anna Kim*, Pomona College, *In Between Spaces: The Alternative Geography of Immigrant Labor.*

9:00 Ingrid M Butler, MA*, Syracuse University, *New Orleans as a Wonderland: Re-thinking an analytical approach to discuss new spatial imaginaries of race.*

5173. Wildlife Conservation and Management Session 1 (Sponsored by Animal Geography Specialty Group)

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Elizabeth Walton, Southern Illinois University Edwardsville
 CHAIR(S): Elizabeth Walton, Southern Illinois University Edwardsville

8:00 Nicholas Malizia*, Arizona State University; Julia Koschinsky, Ph.D., Arizona State University; M. Ananda Kumar, Ph.D., Nature Conservation Foundation, *Spatial Analysis of Human-Elephant Conflicts in a Fragmented Tropical Landscape.*

8:20 Jeff R Baldwin, Ph.D.*, Sonoma State University, *Mapping Absence and Potential: Including Human Caused Mortality in Identifying Suitable Habitat for Beaver Re-Introduction in Oregon.*

8:40 Sadie Ryan*, SUNY-ESF, *Using NDVI to understand forage quality and variation in reproductive patterns of African Buffalo in Kruger National Park, South Africa.*

9:00 Elizabeth M Walton, Ph.D.*, Southern Illinois University Edwardsville; Shaun Diltz, Southern Illinois University Edwardsville; Eric Hoffman, Southern Illinois University Edwardsville; Heidi Haag, Southern Illinois University Edwardsville; John Markovich, Southern Illinois University Edwardsville; Sarjana Khadka, Southern Illinois University Edwardsville; Ryan Jones, Southern Illinois University Edwardsville, *Spatial and Demographic Analysis of Box Turtle Populations at Southern Illinois University Edwardsville.*

5174. Recent Climatic and Environmental Changes in Northeastern North America

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Stephen Young, Salem State College
 CHAIR(S): Stephen Young, Salem State College

8:00 Paul Curtis*, Salem State University, *Analysis of Land Surface Temperature, Normalized Difference Vegetation Index and Sea Surface Temperature for Northeastern North America.*

8:20 Leah Mungai*, Salem State University, *Sea Surface Temperature Change in northeastern North America from 2000 to 2008.*

8:40 Stephen Young; Hengzhi Hu*, Salem State University, *Land Surface Temperature Change in Northeastern of North America.*

9:00 Cody LaVack*, Salem State University, *Land Surface and Sea Surface Temperature Change in Northeast North America.*

5175. China and Africa I

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Giles Mohan, The Open University; Heidi Østbø Haugen

CHAIR(S): Giles Mohan, The Open University

8:00 Giles Mohan*, The Open University; Ben Lampert, The Open University, *The politics of concession: Towards a critical theory of China and Africa.*

8:20 Heidi Berg, Ms*, Norfund, *The technologies of financial instruments in development aid - the rise of China and a new paradigm?.*

8:40 Bert Jacobs*, Institute of Development Policy and Management - University of Antwerp, *Silent partnerships on African infrastructure sustainability: Can cooperation between China and the West avoid the failure of modernization wave 2.0?.*

9:00 Jing Tsu, Professor of Modern Chinese Literature & Culture*, Yale U, *Exploitation and Mutual Aid in the Intra-Global South: A Cultural-Geographical Approach to China/Africa Relations.*

5176. Geographical Applications of Remote Sensing (I) (Sponsored by China Specialty Group, Remote Sensing Specialty Group)

Room: *Madison Suite 6, Sheraton, Fifth Floor* (Paper Session)
 ORGANIZER(S): Yuyu Zhou, Pacific Northwest National Laboratory

CHAIR(S): Yuyu Zhou, Pacific Northwest National Laboratory

8:00 Chunhua Zhang, Ph.D.*, East Tennessee State University; John M. Kovacs, Ph.D., Department of Geography, Nipissing University; Francisco Flores-Verdugo, Instituto del Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México; Francisco Flores de Santiago, Department of Geography, University of Western Ontario, *Mapping a degraded mangrove forest using EO-1 Hyperion imagery.*

8:20 Daniel Redo*, University of Puerto Rico; T. Mitchell Aide, University of Puerto Rico; Matthew L. Clark, Sonoma State University, *Impacts of Internal Forestry and External Agricultural Policies on Land Change in Uruguay.*

8:40 Michael Toomey*, University of California, Santa Barbara; Dar A. Roberts, University of California, Santa Barbara, *Long term carbon balance of the Amazonian frontier.*

9:00 Yuhong He, PhD*, University of Toronto Mississauga; Zhangbao Ma, PhD, University of Saskatchewan; Xulin Guo, PhD, University of Saskatchewan, *Integrating remote sensing data with an ecosystem model to estimate spatially explicit net primary productivity in a heterogeneous grassland.*

9:20 Ran Meng*, Department of Geography, University of Utah; Levi Jamison, School of Natural Resources and the Environment, University of Arizona; Philip Dennison, Department of Geography, University of Utah; Charles Van Riper III, US Geological Survey SBSC & University of Arizona; Pamela Nagler, US Geological Survey; Kevin Hultine, Northern Arizona University; Nathan Ament, Tamarisk coalition; Dan Bean, Biological Pest Control, Colorado Department of Agriculture; Tom Dudley, University of California, Santa Barbara, *Detection of tamarisk defoliation by saltcedar leaf beetles based on multitemporal Landsat 5 Thematic Mapper imagery.*

TUESDAY, FEBRUARY 28 • 8:00 AM - 9:40 AM • 5100**5177. Advancing debates on sustainable and local food-I (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)***Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Bridin E Carroll, National University of Ireland, Galway; Colin L Sage, University College Cork

CHAIR(S): Colin L Sage, University College Cork

8:00 Bridin E Carroll, BA, LLB*, National University of Ireland, Galway, *To define or not to define: standardising the meaning of 'local food' and the implications of this.***8:20** Edmund Harris*, Clark University, *Practicing Local Eating: Sustainability in Place in Fife, Scotland.***8:40** Kirstie Oneill*, University of Hull, *Situating the 'Alternative' Within the 'Conventional' - Local Food Experiences from East Riding of Yorkshire, UK.***9:00** Jesse C McEntee, PhD*, Tufts University, *Rural Food, Local Food, Emergency Food: The Emergence of a Food Citizenry.*

Discussant(s): Colin L Sage, University College Cork

5178. Ecological Modelling (Sponsored by Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group)*Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Joni Downs, University of South Florida

CHAIR(S): Kang S Lu, Towson University

8:00 Yang Qingsheng*, Department of Resources and Environment, Guangdong University of Business Studie; Shi Xun, Department of Geography, Dartmouth College, Hanover, NH, *Ecological security land use patterns simulation based on Cellular Automata.***8:20** Kang S Lu, PhD*, Towson University, *Geographically Weighted Neural Networks for Predictive Ecological Modeling.***8:40** Namrata Shrestha*, University of Toronto; Tenley Conway, University of Toronto, *Quantifying Ecological Implications of Exurban Development: A GIS Perspective.***9:00** Y.Q. Wang*, University of Rhode Island, *A Decision Support System for Monitoring, Reporting and Forecasting Ecological Conditions of the Appalachian Trail.***9:20** Ryan E Baxter*, Pennsylvania State Univ, *A Spatially-Explicit Model of Switchgrass Production in the Mid-Atlantic United States.***5179. Caribbean vulnerabilities and global change: from coping strategies to resilience building***Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Tania Lopez-Marrero, Rutgers University;

David Barker, University of the West Indies

CHAIR(S): Tania Lopez-Marrero, Rutgers University

8:00 Joyelle T Clarke*, The University of the West Indies; Joyelle Trizia Clarke, University of the West Indies, *Coping with Life After Sugar in St. Kitts: A Qualitative Assessment of Livelihood Vulnerability of the Former Female Sugar Worker.***8:20** Rose-Ann Smith*, *Negotiating livelihoods: an analysis of rural households assets and their utilization in northern St. Vincent.***8:40** Ayesha A Constable*, UWI; Ayesha Akeen Constable, UWI, *Vulnerability And Adaptability of Small Farmers In Sherwood Content Trelawny In Jamaica To Global Economic And Climatic Changes.***9:00** Erin S Friedman, Master's Student in Geography*, Hunter College; Cory Look, PhD Student in Archaeology, CUNY Graduate Center, *Human Perception's Impact on Economic Resiliency Within The Context of Climate Projections.*

Discussant(s): Tania Lopez-Marrero, Rutgers University

5180. Building Space and Open Space*Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ihui Lin, University of Wisconsin-Milwaukee

8:00 Eveline Althaus*, ETH CASE, Faculty of Architecture; Marie A. Glaser*, ETH Wohnforum - ETH CASE, *In between the Built and the Experienced Space: Researching Permanence and Change by Means of a House-Biography.***8:20** Markus R. Laine*, City of Helsinki Urban Facts; Ari Niska, City of Helsinki Urban Facts, *Alternatives to Apartment Building Production - Case: New Lofts in Arabianranta; Helsinki, Finland.***8:40** Melissa Keeley, Doctor of Engineering*, George Washington University, *Environmental Outcomes of Municipal LEED Requirements for Public Buildings.***9:00** Kevin Thomas Blank*, Ohio University, *Downtown Appalachia: Revitalization and Green Governance in Charleston, WV.***9:20** Ihui Lin*, University of Wisconsin-Milwaukee, *Examine the impact of park spaces on nearby property values: a multi-level modeling approach.***5181. Rural Tourism I - Creative Communities (Sponsored by Recreation, Tourism, and Sport Specialty Group)***Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)*

ORGANIZER(S): Patrick Brouder

CHAIR(S): Patrick Brouder

8:00 Gunjan Saxena*, The University of Hull, *Rural Tourism Partnerships: A perspective on actor mobility and reciprocal practices.***8:20** Therese M Conway, BA, MPLPSD*, National University of Ireland Galway; Mary Cawley, BA, MA, PhD, National University of Ireland Galway, *Organisational Networking in an Emerging Ecotourism Destination.***8:40** Sierra R Gladfelter*, Temple University, *Beyond Boundaries: Geotourism as a Bridge Between Yosemite National Park and its Gateway Communities.***9:00** Peter Möller*, Dalarna University, *Young adults in rural urbanity.***9:20** Patrick Brouder*, Umeå University, *Creative Outposts: on tourism's role in rural innovation.*

TUESDAY, FEBRUARY 28 • 10:00 AM - 11:40 AM • 5200**10:00 a.m. - 11:40 a.m.****5201. Transportation in Central and Eastern Europe and other Transition Economies (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Transportation Geography Specialty Group)**

- Room:* Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Andrew Ryder, University of Portsmouth
 CHAIR(S): Andrew Ryder, University of Portsmouth
10:00 Mikhail S Blinnikov*, St. Cloud State University, *Russia's Two Troubles: Roads and Fools or Roads for Fools?*
10:20 Elena Anokhina*, Tomsk State University, *Modernization or Degradation: What is Happening to Russia's Transport Infrastructure?*
10:40 Andrew Ryder*, University of Portsmouth, *The impact of increased road transport on cities in Central and Eastern Europe*
11:00 Petr Pavlinek*, University of Nebraska at Omaha, Charles University in Prague, *The 2008-2009 automotive industry crisis: Global trends and firm-level effects in Central Europe*
11:20 Eva Kiss*, Hungarian Academy of Sciences, *Industrial Parks and their Transport Connections in Hungary*

5202. Border Matters! (2) (Sponsored by Cultural Geography Specialty Group)

- Room:* Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): J J Zhang, Durham University
 CHAIR(S): J J Zhang, Durham University
10:00 Ariel A Otruba*, Arcadia University, *The Space that Divides: A Study of the Material Reality of Social Boundaries in Intractable Conflict*
10:20 Ryan Cooper, MA Candidate*, University of Kentucky Department of Geography, *Redrawing the lines: using qualitative GIS to visualize European bordering practices*
10:40 Joshua J. kurz*, Ohio State University, *Transmigration and Precarity: The New Politics of Human Migration*
11:00 Patrick Rérat*, University of Neuchâtel, *Cross-border Residential Mobility between France and Switzerland*
11:20 Camillo Boano*, Development Planning Unit, *Agamben's Urbanism of Exception: Jerusalem's border mechanics and biopolitical strongholds*

5203. Social Geographies of Islam and Muslims II (Sponsored by Geography of Religions and Belief Systems Specialty Group)

- Room:* Concourse C, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Peter Hopkins, Newcastle University, UK; Kevin M Dunn, University of Western Sydney
 CHAIR(S): Peter Hopkins, Newcastle University, UK
10:00 Richard T Gale, Dr*, Cardiff University, *Faith as relation: the spatiality of Islamic identification within British Muslim friendship networks*
10:20 Arshad Isakjee*, University of Birmingham, *Tainted Citizens: The Securitisation of Muslims in Birmingham*
10:40 Kevin M Dunn*, University of Western Sydney, *The ordinariness of Australian Muslims*
11:00 Michelle S Brooks*, University of Reading, *The 'Place' we make together: Mapping network capital in the Colombo Slums*
 Discussant(s): Patricia Ehrkamp, University of Kentucky

5205. Modelling and Visualizing Travel Behavior II (Sponsored by Transportation Geography Specialty Group)

- Room:* Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Bradley W. Lane, University of Texas at El Paso
 CHAIR(S): Anna McCreery, The Ohio State University
10:00 Qingling Kong; Jianhong Xia*, Curtin University, *GIS-Based Approach for Managing Illegal Parking at Train Station Park-and-Ride Facilities*
10:20 Normunds Strautmanis*, Faculty of Geography and Earth Sciences, University of Latvia, *Large high densities apartment block housing estate districts in the outskirts of the city - an enormous mistake from the past?*
10:40 Dara Seidl*, Abt SRBI, Inc., *Spatial Analysis of GPS Unit Returns in the Greater Minneapolis Region*
11:00 A. C. McCreery*, The Ohio State University, *Transportation Ecoefficiency: Quantitative Measurement of Urban Transportation Systems with Readily Available Data*

5207. Crime Modeling and Mapping (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)

- Room:* Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Michael Leitner, Louisiana State University
 CHAIR(S): Les Kennedy, Rutgers University
10:00 Nick Malleon*, University of Leeds; Mark Birkin, University of Leeds; Alex Hirschfield, University of Huddersfield; Andrew Newton, University of Huddersfield, *GeoCrimeData: Understanding Crime Context with Novel Geo-Spatial Data*
10:20 Veronique S. Chadillon-Farinacci*, University of Quebec (INRS-UCS); Philippe Apparicio, University of Quebec (INRS-UCS); Carlo Morselli, University of Montreal (School of criminology), *Pot hot spots: cannabis production across time and space using scan statistics*
10:40 Jiang Wu*, University of South Carolina; Diansheng Guo, Dr., Department of Geography, University of South Carolina, *Investigate Spatio-Temporal and Multivariate Patterns of Crime in Philadelphia, PA*
11:00 Paul A Zandbergen*, University of New Mexico; Timothy C Hart, University of Nevada Las Vegas; Michael E Camponovo, University of New Mexico, *Predictive Crime Hotspot Mapping*
11:20 Les Kennedy*, Rutgers University, *Joint utility of event-dependent and environmental crime analysis techniques for violent crime forecasting*

5208. Agriculture and Land Use Change

- Room:* Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): William Morris, University of Vermont
10:00 Xinbao Zhang, Prof.*, Institute of Mountain Hazards and Environment, C.A.S.; Xiubin He, Prof., Institute of Mountain Hazards and Environment, C. A. S.; Ping Zhou, Dr., Institute of Mountain Hazards and Environment, C. A. S., *Changes of selected soil conservation measures for last 60 years in Loess Plateau in Yellow River, China*
10:20 Meha Jain*, Columbia University; Chris Small, Columbia University; Gillian Galford, Columbia University; Ruth DeFries, Columbia University, *Mapping Vulnerability of Smallholder Farms to Short-term Rainfall Variability in Northwest India*
10:40 Glen Gibson, PhD Student*, Virginia Tech, Dept of Geography, *Patterns of Iraqi Cropland Land Cover Change during the Iraq War*
11:00 James D. Plourde*, Purdue University; Bryan C. Pijanowski, Purdue University; Burak K. Pekin, Purdue

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University, *Crop Rotation Patterns between 2003 and 2010 in the Central USA*.

- 11:20** Allan Strong, PhD, University of Vermont; V. Ernesto Mendez, PhD, University of Vermont; Austin Troy, PhD, University of Vermont; Flavio Sutti, University of Vermont; William Morris*, University of Vermont; Sarah Taylor-Lovell, PhD, University of Illinois, *The Landscape Context: A Way of Quantifying Multifunctionality of Agricultural Systems in the Northeastern United States*.

5210. Accessing Health and Social Services: New Challenges to Old Problems (2) (Sponsored by Health and Medical Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Mark W Rosenberg, Queen's University; Sue Grady, Michigan State University

CHAIR(S): Sue Grady, Michigan State University

- 10:00** Jarin Esita*, McMaster University; Antonio Paez, McMaster University; K. Bruce Newbold, McMaster University; John Blake, Dalhousie University; Nancy M. Heddle, McMaster University, *Optimization of Blood Donation Clinic Resources: A case study of Toronto CMA*.

- 10:20** Kristina Cimaroli*, McMaster University, School of Geography and Earth Sciences; Antonio Páez, PhD, McMaster University, School of Geography and Earth Sciences; K. Bruce Newbold, PhD, McMaster University, School of Geography and Earth Sciences; Nancy M. Heddle, MSc, F.C.S.M.L.S., McMaster University, Department of Medicine, Faculty of Health Sciences, *Individual and Contextual Determinants on Frequency of Blood Donation in Canada with a Focus on Clinic Accessibility*.

- 10:40** Verity A Greenwood, Ba(Hons1) LLB*, Macquarie University, *Shadows in the sunshine: Response of health and social resources to widowhood on the North Coast, New South Wales, Australi*.

- 11:00** Rachel V Herron, PhD Student*, Queen's University, *Accessible and acceptable care: Culture, change, and challenge in rural Ontario*.

- 11:20** Sara McLafferty*, University of Illinois; Alisa Shockley, University of Illinois, *Situating Access: Political and Economic Geographies of Service Delivery and Access to Care*.

5211. Geographies of Mental Health and Substance Abuse (Sponsored by Disability Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Vandana Wadhwa, Boston University; Marco Garrido-Cumbrera, University of Sevilla

CHAIR(S): Dagmar Dzurova, Charles University, Czech Republic

- 10:00** Marco Garrido-Cumbrera, PhD*, University of Sevilla; Enrique López-Lara, PhD, University of Sevilla, *An approach to social inequalities in mental health in Europe: the case of Spain*.

- 10:20** Laurel Lunn, M.S.* Peabody College of Vanderbilt University; Craig Anne Heflinger, Ph.D.*, Peabody College of Vanderbilt University, *Modeling the Influence of Rurality on Mental Health Services for Youth*.

- 10:40** Laura E. Tate, PhD, Community Action Initiative; Jessica Pan, BHSc, MHA (candidate)*, Community Action Initiative, *The Community Action Initiative: Lessons Learned for Community Capacity-Building in Mental Wellness*.

- 11:00** Soumya Mazumdar, PhD, MPH*, Columbia University, *Does geography influence the development of children with autism*.

- 11:20** Dagmar Dzurova*, Charles University, Czech Republic; Ladislav Csemy, Charles University in Prague, Faculty of Sciences; Ladislav Kazmer, Charles University in Prague, Faculty of Sciences, *Substance Use, Social Networks, and the Geography of Urban Adolescents*.

5212. From the Bottom to the Top and vice versa: Market-Based and Planning Instruments for the delivery of environmental services across-scales (Part 2/2)

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Luz Maria Lozada, The James Hutton Institute; Jose Munoz-Rojas, James Hutton Institute

CHAIR(S): Alessandro Gimona, James Hutton Institute

- 10:00** Mikitaro Shobayashi, PhD*, Gakushuin Women's College; Mari Takeda, PhD, University of Tokyo; Daisuke Takahashi, PhD, University of Tokyo; Yukio Kinoshita, PhD, Iwate University, *Collective actions for achieving efficient and effective outcomes under agri-environmental schemes: a case study in Japan*.

- 10:17** Gerald Schwarz*, Johann Heinrich von Thuenen Institute; Rob Burton, Bygdeforskning; Volker Saggau, Christian-Albrechts-Universität zu Kiel, *Outcome-based bottom-up approaches in agri-environmental policy: Review of the constraints and opportunities for the practical implementation in the EU*.

- 10:34** Teresa Pinto-Correia*, ICAAM, University of Evora, *Acknowledging differentiation in local transition pathways as a key for policy targeting: contributions from South European complexity*.

- 10:51** Alessandro Gimona, PhD*, James Hutton Institute; Luz-Maria Lozada-Ellison, James Hutton Institute; Jose Munoz-Rojas, Dr, James Hutton Institute, *Synergies and conflicts in the use of planning and market-based instruments for the implementation of forest networks*.

Discussant(s): Mark Tewdwr-Jones, University College London; Henrik Vejre, University of Copenhagen; Emily Boyd, University of Reading; Jorgen Primdahl, Forest & Landscape, University of Copenhagen; Roger Owen, Scottish EPA

5213. Sailing the flagship: mobilizing wildlife in geographies of conservation (Part 2)

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Leo Douglas, Columbia University; Maan Barua, University of Oxford

CHAIR(S): Meredith Root-Bernstein, Pontificia Universidad Católica de Chile

- 10:00** Diogo Verissimo*, Durrell Institute of Conservation and Ecology, University of Kent; Tatiana Pongiluppi, SAVE Brasil; Maria Cintia M Santos, SAVE Brasil; Pedro F Develey, SAVE Brasil; Robert J Smith, Durrell Institute of Conservation and Ecology, University of Kent; Douglas C MacMilan, Durrell Institute of Conservation and Ecology, University of Kent, *Engaging stakeholders in the selection of flagship species*.

- 10:20** Amy M Smith*, Department of Management, Monash University; Liam Smith, Monash Sustainability Institute, Monash University; Betty Weiler, School of Tourism & Hospitality Management, Southern Cross University, *The potential for an anthropomorphized flagship species to promote concern and community participation in wildlife conservation*.

- 10:40** Rheana Parrenas*, Harvard University, *When A Few Stand in For All: Orangutan Rehabilitation and the Detrimental Protection of a Flagship Species*.

- 11:00** E. Elena Songster, Ph.D.*, St. Mary's College of California, *The Giant Panda: A Flagship Species as the Poster Child of the Cultural Revolution*.

- 11:20** Lauren E Harding, MA*, University of British Columbia, *What Good is a Bear to Society?*.

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- 5214. Migration of Professionals and the City - Mobility, Locality and Identities of Expatriates and the Global Elite: 2 (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: *Lincoln Suite, Hilton, Fourth Floor* (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich

CHAIR(S): Lars Meier, University of Munich

10:00 Yukimi Shimoda*, The University of Western Australia, *Are Professional Migrants Elite?: The Case of Japanese Expatriate and Host National Employees in Indonesia.*

10:20 Ursula Mense-Petermann*, Bielefeld University, Department of Sociology; Anna Spiegel*, Bielefeld University, *Living in Preliminary Permanence. Dwelling Practices of Expatriate Managers in China.*

10:40 Heather Hindman*, University of Texas at Austin, *"Now all the women are gone": Nationality and Gender Shifts in Expatriate Employment in Kathmandu.*

11:00 Micheline Van Riemsdijk*, University of Tennessee, *Everyday Lives of Information Technology Specialists: Place-Making Practices.*

11:20 Gabrielle Desilets*, The Australian National University, *Life Trajectories of the Global Elite's Children: Multiculturalism and Cosmopolitanism in Melbourne, Australia and Singapore.*

- 5215. Working Abroad: International Job Opportunities for Geographers (Sponsored by Enhancing Departments and Graduate Education project (EDGE))**

Room: *Madison Suite, Hilton, Second Floor* (Panel Session)

ORGANIZER(S): Joy K. Adams, Association of American Geographers; Sarah Siegel, Association of American Geographers

CHAIR(S): Janice Monk, University of Arizona

Introducer: Jean McKendry

Panelists: Niem Huynh, Association of American Geographers; Lowry Taylor, U.S. Department of State; Carmen Tedesco, DAI; Yu Rioux, Nashua Community College; Linda McDowell, University of Oxford; Sivanesen Govender, EIS-AFRICA

- 5216. Development, Change and Social Justice in South Asia (Sponsored by Asian Geography Specialty Group)**

Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Elizabeth Chacko, The George Washington University

CHAIR(S): Parvathy Binoy

10:00 Jana Kubelkova*, *Impacts of the National Rural Employment Guarantee Scheme: a Case Study from Sivaganga district in Rural Tamil Nadu.*

10:20 Raju J Das*, York University, *The state, the poor and relations of social justice.*

10:40 James B. Pick*, University of Redlands; Tetsushi Nishida, University of Redlands; Avijit Sarkar, University of Redlands, *Social and Economic Influences on Technology Utilization for the States of India: Multivariate and Spatial Analysis.*

11:00 Sudarshana Bordoloi*, York University, *Neoliberal Hegemony and Changing Labour Relations in Kerala, India.*

11:20 Parvathy Binoy*, Syracuse University, *Neoliberal Nature in God's Own Country: Dispossession and Resistance for water in Kerala, India.*

- 5217. Dendrochronology VI: Tropical Dendrochronology (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)**

Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Matthew Therrell, Southern Illinois University

CHAIR(S): Valerie Trouet, Laboratory for Tree-Ring Research

10:00 William E. Wright*, Research Center for Environmental Changes, Academia Sinica, Taipei, Taiwan; Ming-Hsun Chan, Department of Forestry, National Chiayi University, Chiayi City, Taiwan., *Tropical Paleoclimate from High Elevation Taiwanese Tree Rings.*

10:20 Valerie Trouet*, Laboratory for Tree-Ring Research; Anouk Verheyden, SUNY Orange; Hans Beeckman, Africamuseum, Tervuren, Belgium, *Tree growth periodicity in the miombo woodland.*

10:40 Anouk Verheyden*, Union College; Hans Beeckman, Royal Museum for Central Africa, *Inter-annual and long-term growth trends of Rhizophora mucronata observed from tree ring time-series: implication for mangrove restoration.*

11:00 Matthew D Therrell, PhD*, Southern Illinois University; Ivan A Remane, Southern Illinois University; Kerry McLeran, Southern Illinois University, *Recent Tree-Ring Research in Southern Africa.*

11:20 Grant L. Harley*, University of Tennessee; Henri D. Grissino-Mayer, PhD, University of Tennessee; Jennifer A. Franklin, PhD, University of Tennessee; Chad Anderson, United States Fish and Wildlife Service; Nesibe Kose, PhD, University of Istanbul, *Cambial activity of Pinus elliottii var. densa reveals influence of solar radiation on seasonal growth dynamics in the Florida Keys.*

- 5218. Spatial Modeling of Deforestation for REDD (2 of 2)**

Room: *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Sean Sloan, University of Melbourne

CHAIR(S): Sean Sloan, University of Melbourne

10:00 Oh Seok Kim*, University of Southern California; Joshua Newell, Ph.D., University of Michigan, Ann Arbor, *Spatial Aspects of Regional Deforestation Rate Estimates - A Case Study of Southwest China.*

10:20 Johanne Pelletier, PhD Candidate*, McGill University; Catherine Potvin, PhD, McGill University and Smithsonian Tropical Research Institute; Navin Ramankutty, PhD, McGill University; Claude Codjia, PhD, University of Quebec in Montreal, *Integrating Insights on the Land-Use Dynamics for REDD+ Reference Emission Levels.*

10:40 Sean K Grimland*, *Evaluating spatial models for future deforestation.*

Discussant(s): Sean Sloan, University of Melbourne

- 5220. Watershed Sediment Source Identification II (Sponsored by Geomorphology Specialty Group)**

Room: *Nassau B, Hilton, Second Floor* (Paper Session)

ORGANIZER(S): Allen Gellis, U.S. Geological Survey; Rajith Mukundan

CHAIR(S): Rajith Mukundan

10:00 Rajith Mukundan*, City University of New York; Robert McKinley, USEPA; David Radcliffe, University of Georgia; Mark Risse, University of Georgia, *A Summary of Sediment Source Fingerprinting in the Southern Piedmont.*

10:20 Jerry Davis*, San Francisco State University, *Watershed sediment source analysis and the application of terrestrial laser scanning to improving sediment yield estimates for TMDL models.*

10:40 David A Lobb, PhD*, University of Manitoba; Alex J Koiter, PhD candidate, University of Northern British Columbia; Phil N Owens, PhD, University of Northern British Columbia; Kevin HD Tiessen, PhD, International Development Research Centre; Sheng Li, PhD, Agriculture and Agri-Food Canada, *Assessing the Sources of Suspended Sediments in the Streams of an Agricultural Watershed in the Canadian Prairies Using ¹³⁷Cs as a Tracer.*

11:00 Tongxin Zhu*, University of Minnesota, *Sediment Budgets*

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for a Semi-arid Agriculture Catchment in the Hilly Loess Region, China.

- 11:20** Christopher Dutton*, Yale University School of Forestry and Environmental Studies; Shimon C Anisfeld, PhD, Yale University School of Forestry and Environmental Studies, *Sediment Fingerprinting in the Mara River Basin: Uncovering Relationships Between Wildlife, Tourism, and Non-Point Source Pollution.*

5221. Economies of Energy II

Room: Regent Parlor, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bradley Neish, ORNL

- 10:00** Rolf Sternberg*, Montclair State University, *Evolving Transitions in Hydropower.*

- 10:20** J H Leaman*, Villanova University, *Ethiopia: Dam Construction on Steroids.*

- 10:40** Mark Cooper, B.A. Geography, Geography Master's Candidate*, University of Arkansas Department of Geosciences, *A Method for Identifying Optimal Areas for Operating Cellulosic Biorefineries in Arkansas.*

- 11:00** Rui Huang*, East China Normal University; Zheng Wang, Institute of Policy and Management Science, CAS; Changxin Liu, Institute of Policy and Management Science, CAS; Jun Lei, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, *The Impact of CGE-based Energy Price Changes on Xinjiang's Economy.*

- 11:20** Bradley S Neish*, ORNL; Olufemi A. Omitaomu, ORNL, *Power Generation Plant Placement Algorithm and Visualization Tool.*

5223. Heidegger and Marx: Intersections, Reconciliations (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Sutton Parlor Center, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Oliver Belcher, University of British Columbia

CHAIR(S): Oliver Belcher, University of British Columbia

- 10:00** Joel Wainwright*, The Ohio State University, *Reading Capital with Being and Time.*

- 10:20** Oliver Belcher*, University of British Columbia, *Revolution and Time.*

- 10:40** Stephanie Wakefield*, CUNY Graduate Center, *Primitive Accumulation and Denial of World.*

- 11:00** Najeeb A. Jan, Asst. Professor*, University of Colorado, *The Signature of Capital: Marx, Heidegger and the Metaphysics of Economy.*

Discussant(s): Geoff Mann, Simon Fraser University

5224. Environmental cooperation in transboundary areas

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Karina Barquet, NTNU; Haakon Lein, Department of Geography, Norwegian University of Science and Technology-NTNU

CHAIR(S): Haakon Lein, Department of Geography, Norwegian University of Science and Technology-NTNU

- 10:00** Costanza Rampini*, UCSC, Environmental Studies Department, *Climate Change in the Himalaya: Water, Science Policy & Sino-Indian Relations.*

- 10:20** Maano Ramutsindela*, *Theorizing Borders in Cross-border Conservation.*

- 10:40** Haakon Lein*, Norwegian University of Science and Technology-NTNU; Jorund Aasetre, Norwegian University of Science and Technology-NTNU, *Transboundary Conservation on the Interface Between 'Big Politics' and Local Activism in the Scandinavian High North..*

- 11:00** Karina Barquet, Research Fellow*, NTNU; Päivi Lujala, Associate Professor, NTNU; Jan Ketil Rød, Associate Professor, NTNU, *Transboundary Conservation and Militarized Interstate Disputes.*

- 11:20** Jon Geir Petursson, PhD, Noragric, Norwegian University of Life Sciences; Paul Vedeld*, Noragric, Norwegian University of Life Sciences, *Institutions and Transboundary Protected Area Management: The Case of Mt. Elgon, Uganda and Kenya.*

5225. Geographies of Security and Surveillance 1: Security, Surveillance, Territory

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)

ORGANIZER(S): David Murakami Wood, Queen's University; Stephen Graham, Newcastle University

CHAIR(S): Peter Adey, Keele University

- 10:00** Karine Cote-Boucher*, York University, *Dynamics of Locality and Distantiation in Border Security: Lessons from Fieldwork in the Commercial Section of Canadian Border Services.*

- 10:20** Matt Cousineau*, University of Missouri, *The Global Politics of Domestic Drone Market Constructions.*

- 10:40** Harrison Smith, PhD Candidate*, Faculty of Information, University of Toronto, *Topological Prosperity: Tracing the Security and Prosperity Partnership of North America.*

- 11:00** Volker Eick*, Freie Universitaet Berlin, *Roaring Silence: Rescaling Policing while Using Drones.*

- 11:20** Katharine H Kindervater*, University of Minnesota, *Eyes in the Sky: Drone Technology and the Space of War.*

5231. Nicholas Kristof and Salil Shetty (Part of the Social Justice, Media, and Human Rights Special Session Track)

Room: Petit Trianon, Hilton, Third Floor (Panel Session)

Organized by: Douglas Richardson, AAG Executive Director

Introductions: Audrey Kobayashi, AAG President, Queen's University; Jessica Wyndham, Associate Director of the Scientific Responsibility, Human Rights, and Law Program, AAAS

Speakers: **Douglas Richardson**, AAG Executive Director
Nicholas Kristof, Columnist, *The New York Times*
Salil Shetty, Secretary General, Amnesty International
Ivan Simonovic, Assistant Secretary-General for Human Rights, Office of the UN High Commissioner for Human Rights

Nicholas Kristof and Salil Shetty will discuss themes surrounding human rights, social justice, and the role that media plays in reporting on and bringing light to these issues. Douglas Richardson will provide opening remarks on the AAG's Geography and Human Rights Program and will moderate this session with introductions by Audrey Kobayashi and Jessica Wyndham. Audience and panelist discussion will conclude this session, with a reception to follow.

5232. Growing (in) the city: critical perspectives on urban gardening (session 2)

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)

ORGANIZER(S): Paul Milbourne, Cardiff University

CHAIR(S): Mary Beth Pudup, University of California, Santa Cruz

- 10:00** Paul Milbourne*, Cardiff University, *The spaces of community gardening: complexities, hybridities and creativities.*

- 10:20** Carolin Mees*, *Collectively managed public gardens with common areas for a socially sustainable urban development of New York City.*

- 10:40** Sofia Cele, Ph D, Assistant Professor*, Uppsala University, *Cultivating Place - Claiming Space. An exploration of urban gardening.*

- 11:00** Hannah Pitt*, Cardiff University, *On the nature of entanglements with non-human gardeners.*

- 11:20** Michael Hardman*, Birmingham City University, UK; Peter Larkham; Rachel Curzon; Julian Lamb, *Can Guerrilla Gardening Impact on Well-being? A Critical Exploration of Illegal Cultivation in the English Midlands.*

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- 5235. Rethinking the Terrain of Geopolitics II: Borders, Scales and Subjects (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**

Room: East Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Vanessa Massaro, Penn State University; Jill Williams, Clark University

CHAIR(S): Jill Williams, Clark University

10:00 Banu P. Gokarikel, Dr.*, University of North Carolina, Chapel Hill, *The Fashionable Veil and the Ethico-Political Subject*.

10:15 Geoffrey Boyce*, University of Arizona, *Pushing the boundary: legal pluralism, feminist geopolitics and humanitarian activism in the Arizona borderlands*.

10:30 Jill Williams*, Clark University, *Emotional Geopolitics and the Politics of Fear in the US-Mexico Borderlands*.

10:45 Sara Gilbert*, University of Washington, *Making Room for Feminist Analysis at the Global Scale: A Feminist Re-reading of Global Trends*.

Discussant(s): Joanne P. Sharp, University of Glasgow

- 5236. From the Holocaust to Apartheid: Analyzing Geographies of Oppression (Sponsored by Geographic Information Science and Systems Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Historical Geography Specialty Group)**

Room: Green Room, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Alberto Giordano, Texas State University

CHAIR(S): Anne Knowles, Middlebury College

10:00 Shelley J Burleson, BA, MA, MAG*, Texas State University; Alberto Giordano, PhD, Texas State University, *Spatial Patterns of the Holocaust: Historical GIS and the Uncertain Nature of Historical Data*.

10:20 Alberto Giordano*, Texas State University, *Discovering the Geography of the Holocaust: From Individual Histories to Spatial Patterns*.

10:40 Erik B. Steiner*, Stanford University - Spatial History Lab, *Using Visualization to Simulate the Mobility and Visibility of Jews in the 1944 Budapest Ghetto*.

11:00 Anne Kelly Knowles*, Middlebury College; Paul B. Jaskot, DePaul University; Chester Harvey, Independent Scholar, *The Auschwitz HGIS: Visualizing the Archive*.

11:20 Angel David Nieves*, Hamilton College, *The Soweto HGIS Project: Cartographies of Apartheid and Resistance, 1904-1994*.

- 5237. "The Autonomous Animal" by Claire Rasmussen: Author meets interlocutors (Sponsored by Political Geography Specialty Group, Sexuality and Space Specialty Group)**

Room: Harlem Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Michael Brown, University of Washington

CHAIR(S): Michael Brown, University of Washington

Discussant(s): Jasbir Puar, Rutgers University; Robert Lake, Rutgers University; Matthew W. Wilson, University of Kentucky; Lynn Staeheli, Durham University; Claire Rasmussen, University of Delaware

- 5239. Feminist research methods and 'the everyday' (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**

Room: Holland Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Roberta Hawkins, University of Guelph; Jill Williams, Clark University

CHAIR(S): Roberta Hawkins, University of Guelph

10:00 Emily Billo*, Syracuse University, *Exploring the everyday through an institutional ethnography of corporate social responsibility*.

10:20 Jennifer L. Rice*, The University of Georgia, *Climate change policy and everyday practice: Opportunities*

and challenges of a research agenda.

10:40 Lillie Greiman, The University of Montana; Sarah J. Halvorson, Ph.D.*, The University of Montana, *Between harsha and harira: Moroccan women's relationships*.

11:00 Hillary Caldwell*, CUNY Graduate Center, *Researching the everyday production of a "Naturally Occurring Retirement Community" (NORC): the fruits and labors of a critical feminist inquiry*.

Discussant(s): Leslie Kern, Mount Allison University

- 5241. Borders within Cities: Limitations to Integration (Sponsored by Regional Development and Planning Specialty Group, Ethnic Geography Specialty Group)**

Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): José Díaz-Garayúa, Coppin State University

CHAIR(S): José Díaz-Garayúa, Coppin State University

Introducer: José Díaz-Garayúa

10:01 Kathleen Seal*, Texas State University, *Memphis City Parks: Racial Divisiveness in Public Spaces*.

10:21 Neiset Bayouth*, Doctoral Candidate Rutgers University, Adjunct Faculty Kean University, *Marketing identity, negotiating boundaries: ethnic entrepreneurship in Paterson, New Jersey*.

10:34 José Rafael Díaz Garayúa, Ph.D.*, Coppin State University, *Partitioning the City: Roads as Barriers to Integration*.

10:47 Dulce Pimentel*, e-GEO - Research Centre for Geography and Regional Planning; Rodrigues António, Dr, e-Geo, Research Centre for Geography and Regional Planning; José António Tenedório, Prof., e-Geo - Research Centre for Geography and Regional Planning, *Recent segregation in the Lisbon area: exploring relations between the social mix and urban dynamics*.

11:07 Luis Sanchez-Ayala, Ph.D.*, Universidad de los Andes, *Space and Identity: Bogotá's New Social Labels*.

Discussant(s): Carlos Guilbe, University of Puerto Rico

- 5244. The role of smallholder agriculture in promoting conservation within "the matrix": Agroecology, landscape ecology and rural social movements in the global south (Sponsored by Cultural and Political Ecology Specialty Group, Biogeography Specialty Group, Development Geographies Specialty Group)**

Room: Conference Room B, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Heather Putnam, University of Kansas;

Nicholas Babin, University of California Santa Cruz

CHAIR(S): Nicholas Babin, University of California Santa Cruz

10:00 Hillary Sardinas*, UC Berkeley, *A Conceptual Framework for Conservation in the Matrix*.

10:20 Heather Putnam, MA*, University of Kansas, *Contingencies of Local Culture in the Role of Smallholder Organizations in Rural Conservation Strategies: A Ugandan Case Study*.

10:40 Nicholas Babin*, University of California Santa Cruz, *Smallholders, Cooperatives and Conservation following the "Coffee Crisis": A case study in Agua Buena, Costa Rica*.

11:00 Carlo Moreno*, University of California Santa Cruz, *Potatoes, Biodiversity and Livelihoods in Transition*.

Discussant(s): J. Christopher Brown, University of Kansas

- 5245. Troubling urban politics II: comparative and relational urbanisms (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)**

Room: Conference Room C, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Kevin Ward, University of Manchester; Allan Cochrane, Open University

CHAIR(S): Eugene McCann, Simon Fraser University

10:00 Kris Olds*, University of Wisconsin-Madison; Justin Beaumont, University of Groningen, *Towards Critical*

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Comparative Urbanism.

- 10:20** Cristina Temenos*, Simon Fraser University, *The local politics of public health: Exploring the role of transnational drug policy networks in the politics of cities' health initiatives.*
- 10:40** Sergio Montero*, UC Berkeley, *San Francisco Through Bogotá's Eyes: Ciclovía in Motion.*
- 11:00** Kevin Ward*, University of Manchester, *Policies in motion, the politics of elsewhere and the current urban condition.*
- 11:20** Mark Pendras*, University of Washington Tacoma; Charles Williams, University of Washington Tacoma, *Exploring policy failure: middle ground cities, political-economic stasis, and the politics of alternative urban development.*

5246. Utopias, Dystopias, and Everyday Places: Contested Narratives of Environmental Justice (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)

Room: Conference Room D, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Jonathan London, UC Davis

CHAIR(S): Jonathan London, UC Davis

10:00 Jonathan K London, Ph.D.*, UC Davis, *"Utopias, Dystopias, and Everyday Places: Contested Narratives of Environmental Justice".*

10:20 Christie McCullen*, University of California Santa Cruz; Tracy Perkins, University of California Santa Cruz, *Imagined of Agriculture, Labor and the Environment: Comedy and Governance.*

10:40 Alberto Antonio Valdivia*, UC Davis, *Community Gardens and Urban Environments: Empowering People and Neighborhoods.*

11:00 Gregory Tarver, Jr.*, University of California, Davis, *The "Black Forest" & Greening Narratives in West Oakland, CA.*

Introducer: Jonathan London

Discussant(s): Julie Sze, UC Davis

5247. Online geospatial visualization: concepts, developments, tools, frameworks and related topics (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)

Room: Conference Room E, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Jing Li; Yunfeng Jiang, George Mason University

CHAIR(S): Jing Li

10:00 Hongmei Zhu*, Wenwu Tang; Eric Delmelle, *Framework, Implementation and Visualization of Web Based Spatial Analysis - A Case Study of Kernel Density Estimation.*

10:20 Yunfeng Jiang*, George Mason University; Jing Li, George Mason University; Chaowei Yang, George Mason University; Qunying Huang, George Mason University, *Visualizing volume data of atmospheric particles with an example of dust storm concentration.*

10:40 Tiffany Vance*, NOAA/San Francisco State University; Hajo Eicken, University of Alaska; Nazila Merati, Merati and Associates; Sue Moore, NOAA/NMFS, *Sea Ice for Walrus Outlook (SIWO) data collection and community feedback methods.*

11:00 Katherine H. Weimer, BS, MLIS*, Texas A&M University Libraries; James Creel, BA, BS, MS, Texas A&M University Libraries, *Spatial Representation and Visualization of Theses and Dissertations: A Web-based Mapping Tool for Graduate Scholarship.*

5248. Web Service Technology for GIScience (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Huayi Wu, George Mason University; Xuan Shi, Georgia Tech

CHAIR(S): Huayi Wu, George Mason University

10:00 Xiaoxiang ZHANG*, School of Geographical Information Science & Engineering, Hohai University, Nanjing, Jiangsu, China; Jing Yao, Arizona State University, *Service-Oriented Hydrological Information System in Taihu Lake Basin, China.*

10:20 Aaron Myers*, Oak Ridge National Laboratory; Phil Nugent, Oak Ridge National Laboratory, *Building Standards-based Web Applications using Open-Source Technology and Web Services.*

10:40 Terje Midtbø*, Norwegian University of Science and Technology; Alexander S. Nossun, Norwegian University of Science and Technology/UMaine, *The future of maps and the Internet - possibilities of GIS and cartography made available by HTML5.*

11:00 Lola Gulyamova*, National university of Uzbekistan, *The Model of Geospatial Information Services for Population Studies in Uzbekistan.*

11:20 Huayi Wu*, Wuhan University; Lan You, Wuhan University; Zhipeng Gui, George Mason University, *GeoChaining: an Integrated Environment for Editing, Validating, Deploying and Executing Geospatial Web Service Chains.*

5251. Quo Vadis, Neoliberalism? Impact on development, Part II (Sponsored by Regional Development and Planning Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Vandana Wadhwa, Boston University; Stephen Young

CHAIR(S): Ugo Rossi, University of Cagliari

10:00 Stephen Young*, University of Wisconsin - Madison, *"We Need A Million Jugaads": Enterprise, Innovation and Corruption in north India.*

10:20 Theresa Erin Enright*, University of California, Santa Cruz, *Building Grand Paris: Reconsiderations of the State Mode of Production.*

10:40 Sandra Fernandez*, Universidad de Concepción, *'Slow-food' spaces as a challenge to the process of accumulation by dispossession: agro-ecological practices and spatial coalition for local development in Chile.*

11:00 Jennifer T. Mokos*, Vanderbilt University, *Revisibilizing Inequality in the Aftermath of Large-scale Flooding.*

11:20 Ramon Ribera-Fumaz, Universitat Oberta de Catalunya rriberaf@uoc.edu; Ugo Rossi*, University of Cagliari; Sara Gonzalez, University of Leeds; Stijn Oosterlynck, University of Antwerp, *The moving map of the global financial crisis: a comparative analysis of four European cities.*

5252. Data and Methods in Population Geography (Sponsored by Population Specialty Group)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Alex de Sherbinin, NASA, Earth Science, Data and Services

10:00 Joshua Comenetz, Ph.D.*, U.S. Census Bureau, *Global population mapping at the U.S. Census Bureau.*

10:15 Derek Azar*, US Census Bureau, *Population Distribution in Rwanda Using Multiple-Resolution Satellite Imagery and Open Source Geospatial Data.*

10:30 Thomas Niedomysl*, Institute for Futures Studies; Urban

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Fransson, Department of Human and Economic Geography, Gothenburg University, *On distance and the spatial dimension in the definition of migration.*

- 10:45** Alex de Sherbinin*, CIESIN, The Earth Institute at Columbia University; Marc Levy, CIESIN, The Earth Institute at Columbia University; Susana Adamo, CIESIN, The Earth Institute at Columbia University; Kytt MacManus, CIESIN, The Earth Institute at Columbia University; Valentina Mara, CIESIN, The Earth Institute at Columbia University; Liana Razafindrazay, CIESIN, The Earth Institute at Columbia University, *Estimating Global Net Migration By Ecosystem and By Decade: 1970-2010.*

- 11:00** Matthew Mulbrandon*, Universiteit Utrecht, *What Egon Brunswik can teach agent-based modelers and Geographers: Applying 'probabilistic functionalism' to a residential location model.*

5253. 30 years after Not On Our Street': Is NIMBY still relevant to urban/social geography? (Sponsored by Urban Geography Specialty Group)

Room: Conference Room K, Sheraton, Lower Level (Paper Session)

ORGANIZER(S): Geoffrey DeVerteuil, University of Southampton

CHAIR(S): Geoffrey DeVerteuil, University of Southampton

- 10:00** Patrick Devine-Wright*, University of Exeter, *Nimbyism, threat and varieties of place attachment.*

- 10:20** Nadine Marquardt*, Goethe-University Frankfurt, *Out of sight, out of mind, out of my backyard. Social service siting and the politics of visibility in the neoliberal city.*

- 10:40** Andraes von der Dunk*, Swiss Federal Research Institute WSL; Adrienne Grêt-Regamey, Prof, Swiss Federal Institute of Technology (ETH) Zuerich; Anna M Hersperger, PhD, Swiss Federal Research Institute WSL, *Land-use conflicts in a Swiss peri-urban landscape: which socio-demographic and environmental variables influence their occurrence?.*

- 11:00** Phil Hubbard*, University of Kent, *'Not that kind of neighbourhood' NIMBY, taboo risk and the heterosexualisation of community.*

- 11:20** Geoffrey DeVerteuil*, University of Southampton UK, *NIMBY, gentrification and displacement.*

5254. Geographies of Media 12: Author Meets Critics - An engaged and critical discussion of Ken Hillis' Online a Lot of the Time: Ritual, Fetish, Sign' (Duke University Press, 2009) (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Panel Session)

ORGANIZER(S): Joseph Palis, North Carolina State University; Christopher Lukinbeal, University of Arizona

CHAIR(S): Joseph Palis, North Carolina State University

Discussant(s): Ken Hillis, University of North Carolina - Chapel Hill

Panelists: Paul C. Adams, University of Texas at Austin; James Craine, California State University Northridge; Amaranta Cecchini, University of Neuchâtel; Jean-Paul Willyncx, McGill University; James Ash, University of Northumbria

5256. Geographic Frontiers in the Federal Statistical Agencies (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Central Park East, Sheraton, Second Floor (Panel Session)

ORGANIZER(S): Nicholas Nagle, University of Tennessee; Seth Spielman, University of Colorado

CHAIR(S): Nicholas Nagle, University of Tennessee

Introducer: Nicholas Nagle

Panelists: David Wong, George Mason University; Eddie Bright, Oak Ridge National Laboratory

5257. Critical Geographies of Contemporary Urban Transformations in Global South

Room: Central Park West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Rajyashree Narayanareddy, University of

Toronto; Naheed G. Aaftaab, University of Minnesota

CHAIR(S): Rajyashree Narayanareddy, University of Toronto

- 10:00** Naheed G. Aaftaab*, University of Minnesota, *Consuming Hyderabad: Cultural Practice and Spatial Redefinition.*

- 10:20** Pratyusha Basu*, University of South Florida, Tampa, *Solidarity in a 'Special' Economic Zone: Rural Values and Urban Growth in Pithampur, India.*

- 10:40** Schindler Seth*, Clark University, *Toward a theory of alliance-based governance of urban space in Delhi, India.*

- 11:00** Govind Gopakumar*, Concordia University, *Decongesting Infrastructures, Assembling Cities: A geography of emerging engagements in urban India.*

- 11:20** Rajyashree Narayanareddy*, University of Toronto, *Subaltern Entrepreneurs and the Making of Progressive Indian Cities.*

5258. Biogeography Methods and Dynamics

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sharmistha Swain

- 10:00** Peter Paul Siska, Ph.D*, USMA; ?tefan Polácik, Ph.D, Slovak Academy of Science; Vaughn M. Bryant, Ph.D, Texas A&M University, *Influence of Environmental Parameters on Spatial Pattern of Pollen Distribution in Columbia Basin: Factor Analysis Approach.*

- 10:20** Christine M Rodrigue*, California State University, Long Beach, *Construction of Floristic Keys for Use at the Alpha and Beta Scales of Biodiversity.*

- 10:40** Aaron W Kates*, Grand Valley State University, *Eastward Expansion: An Analysis of the effects of Environmental Factors on the Movement and Prevalence of Western Bean Cutworm.*

- 11:00** Sharmistha Swain*, University of Nebraska-Lincoln; Donald Rundquist, University of Nebraska-Lincoln; Timothy J. Arkebauer, University of Nebraska-Lincoln; Sunil Narumalani, University of Nebraska-Lincoln; Brian Wardlow, University of Nebraska-Lincoln, *Non-invasive estimation of relative water content in soybean leaves using infrared thermography.*

5259. Cultural Identity, Authenticity and Spatial Politics

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J Platt

- 10:00** Samuel J Abrams, PhD*, Sarah Larwrence College and Stanford University, *In Search of the Big Sort: Looking for Geographic Polarization and Finding Little.*

- 10:20** Abby Day, AHRC British Council Fellow*, University of Kent, *'Belief' in Cultural Relations.*

- 10:40** David Gunnarsson, PhD student*, Stockholm University, *Ethnology, A respectful meeting.*

- 11:00** Shoko Imai*, University of Tokyo (Temple University as visiting student scholar), *Creating Stories and Spaces in Nobu: The Cookbook.*

- 11:20** J Platt, PhD*, Akita International University; Marjo H Mitsutomi, PhD, Akita International University; Bryce Platt, Gustavus Adolphus College, *Cultural and Linguistic Distance as Determinants of Foreign Direct Investment.*

TUESDAY, FEBRUARY 28 • 10:00 AM - 11:40 AM • 5200

5260. Who borders and how? II (Sponsored by Political Geography Specialty Group, European Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)

ORGANIZER(S): Reece Jones, University of Hawaii at Manoa;
Corey Johnson, University of North Carolina - Greensboro

CHAIR(S): Reece Jones, University of Hawaii at Manoa

10:00 Judith Miggelbrink, Dr*, Leibniz-Institute for Regional Geography, *Sites of bordering: State-borders in everyday practices.*

10:20 Dorte Jagetic Andersen*, SDU Denmark, *The Multiple Politics of Borders - Border practice on Istria from the perspective of an ethnography on the move.*

10:40 Christian Sellar*, University of Mississippi, *Europeanizing borderlands: how transnational inputs and national interests shape local governments in Rousse (Bulgaria) and Uzhorod (Ukraine).*

11:00 Eeva-Kaisa Prokkola*, Department of Geography, *Neoliberal technologies of governing Finnish/Schengen borders.*

Discussant(s): Corey Johnson, University of North Carolina - Greensboro

5261. Material Culture and Geography II (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Sara Keough, Saginaw Valley State University

CHAIR(S): Sara Keough, Saginaw Valley State University

10:00 Robyn L. Dennis, Ph.D.*, University of Arkansas;
Consuelo Crow, University of Arkansas; Jason De Leon, Ph.D., University of Michigan; Aaron Naumann, University of Washington, *Exploring Spatial Patterns and Distributions of Migrant Stations in Arizona's Sonoran Desert.*

10:20 Lourdes De Ita*, Universidad Michoacana De San Nicolas De Hidalgo, Morelia, Mexico, *A map in Spain and a chronicle in England: Vestiges of geographical recognition, European rivalry and local population perception in the West Coast of Colonial Mexico.*

10:40 Mohammed Rafi Arefin*, University of Arizona; Danya Al-Saleh, Qatar University, *Out of the Box in Squares: A Look at Urban Planning and Historical Architectural Aesthetics in Both Allowing and Limiting Protest in the Egyptian Revolution.*

11:00 Juliet Kahne, MSc, PhD Candidate*, Kings College London, *Gentrification limited in the postmodern city?: How the district of Silver Lake in Los Angeles prevented the post-pioneer gentrification of their neighborhood.*

11:20 Mia DeNardi*, Ohio University, *Symbols and Identity in Siena, Italy.*

5262. Manufacturing Transformed? From Design-Driven Competitiveness to Financialisation (2) (Sponsored by Economic Geography Specialty Group)

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Vida Vanchan, Buffalo State College; Jennifer Clark, Georgia Institute of Technology

CHAIR(S): John Bryson, University of Birmingham

10:00 Carolyn Hatch*, University of Toronto, *Manufacturing by Design: Labor Dynamics, Workplace Organization and Innovation.*

10:20 Lynn McCormick, PhD*, Hunter College/CUNY, *Manufacturing for Local Consumption: Furniture Production in NYC.*

10:40 Sarah O Crean*, MS Urban Planning, Columbia University GSAPP; Adam V Friedman, Director, Pratt Center for Community Development, *Urban Manufacturing That Makes Sense: pilot project developed to link NYC designers & manufacturers.*

11:00 Vida Vanchan*, Buffalo State College; Huilin Ren, China

Central University of Finance and Economics, *Recent Growth and Performance of Industrial Design Firms: A Comparative Study between U.S. and Chinese Firms.*

11:20 Teis Hansen*, University of Copenhagen; Lars Winther, University of Copenhagen, *Manufacturing Spaces of Innovation and Knowledge: Redefining High- and Low-tech Industries in the Knowledge Economy.*

5263. Climate and Hazards Research at University of Alabama Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Jason Senkbeil, University of Alabama

CHAIR(S): Jason Senkbeil, University of Alabama

10:00 David M Brommer*, The University of Alabama; Luoheng Han, University of Alabama, *Assessing the Influence of a Tornado Damage Path on Near-Surface Atmospheric Conditions.*

10:20 Cory Rhodes*, Univ of Alabama, *Frequency and intensity of tornadoes produced by tropical cyclones and tropical lows in landfalling gulf coast storms.*

10:40 Meganne Rockman*, Univ of Alabama, *The Role of Hurricane Intensity and Track on Evacuation Decision Making of Pensacola, FL Residents.*

11:00 Courtney Thompson*, Univ of Alabama; David Brommer, University of Alabama, *Analysis of the University of Alabama's Usage of Social Networking Communication during and after an EF-4 Tornado.*

11:20 Jason C Senkbeil*, University of Alabama; Meganne S Rockman, Univ of Alabama; John B Mason, Univ of Alabama, *Shelter Seeking Plans of Tuscaloosa Residents for a Future Tornado Event.*

5264. Financialization and the city: theories, practices and policies (2)

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katia Attuyer, LATTs; Halbert Ludovic

CHAIR(S): Halbert Ludovic

10:00 Ingrid Nappi-Choulet, Pr*, ESSEC Business School, *The Financialization of Business Districts: The Case of Coeur Defense in Paris-La Defense.*

10:20 David Craggs*, King's College London, *The London office market and the shifting dynamics of finance capital - a case of 'capital switching'?*

10:40 Zev Moses*, University of Toronto, *Urban Development, Foreign Direct Investment and Post-Socialist Transitions in Sarajevo, Bosnia and Hercegovina.*

11:00 Hortense Rouanet*, LATTs - Université Paris-Est, *Financialization of urban spaces in an emerging city context : is finance sweeping out the real estate industry ? The cases of Bangalore and Chennai, India.*

Discussant(s): Kathryn Pain

5265. Making journal articles 'live': turning academic writing into scientific dialog (Sponsored by Geographic Information Science and Systems Specialty Group, Cyberinfrastructure Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Panel Session)

ORGANIZER(S): Francis Harvey, University of Minnesota - Minneapolis; Ola Ahlqvist, The Ohio State University

CHAIR(S): Francis Harvey, University of Minnesota - Minneapolis

Introducer: Ola Ahlqvist

Discussant(s): Daniel Sui, Ohio State University; Francis Harvey, University of Minnesota - Minneapolis

Panelists: Brian Lees, University of New South Wales; John P Wilson, University of Southern California; Jean-Claude Thill, University of North Carolina at Charlotte; André Skupin, San Diego State University; Bin Jiang, University of Gaule

TUESDAY, FEBRUARY 28 • 10:00 AM - 11:40 AM • 5200**5266. Contemporary North American Suburbanisms: Concepts and Metrics II (Sponsored by Urban Geography Specialty Group)****Room:** *Liberty 4, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Pablo Mendez, University of British Columbia; Markus Moos, University of Waterloo

CHAIR(S): Liam McGuire, Geography Department, University of British Columbia

10:00 Markus Moos*, University of Waterloo; Pablo Mendez*, University of British Columbia; Liam McGuire, University of British Columbia; Elvin Wyly, University of British Columbia; Robert Walter-Joseph, University of Waterloo, *Mapping the idealized Canadian post-War suburb onto today's urban fabric.*

10:20 Alex Schafran*, Department of City & Regional Planning, University of California, Berkeley, *Suburbia in context: Two methods for a relational suburbanism.*

10:40 Robert S Fiedler*, York University, *Scarborough: reworking the postwar suburban boom.*

11:00 John Archer*, University of Minnesota, *Upending the Critique of Suburbia.*

5267. Phenological Research in the Eastern USA (Sponsored by Climate Specialty Group)**Room:** *Liberty 5, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Mark D Schwartz, University of Wisconsin - Milwaukee

CHAIR(S): Mark D Schwartz, University of Wisconsin - Milwaukee

10:00 Isaac Park, M.S.*, UW-Milwaukee, *Relating Satellite Phenology to Herbarium-derived Records: Problems and Potential.*

10:20 Rong Yu*, Mark D Schwartz, *Bridging ground phenological information and remote sensing-derived phenological changes.*

10:40 Jonathan Hanes*, Northern Michigan University, *Assessing the relationship between maple leaf phenology and the daily temperature range during the spring.*

11:00 Mark D Schwartz*, University of Wisconsin-Milwaukee, *Autumn Phenological Observations in a Northern Mixed Forest (Phase Two).*

5268. Water Resources III**Room:** *New York Ballroom East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Swathi Veeravalli

10:00 Brenton Yarnal*, Pennsylvania State University; Peter D Howe, Pennsylvania State University; Alex Coletti, SM Resources Corporation, *Deliberative Risk Ranking for Community Water Systems.*

10:20 Alice Cohen*, University of British Columbia, *From Water to Watershed: An Analysis of Rescaled Water Governance in Canada.*

10:40 Kim Ogren*, Oregon State University, *Incentivizing Water Conflict Prevention and Mitigation in the Bureau of Reclamation and the Western US.*

11:00 Demetra Voyadgis*, US Army Engineer, Research and Development Center, Alexandria, VA, *Design and Systems Theory for Operations Planning.*

11:20 Swathi Veeravalli, MSc. Oxford University*, USACE-ERDC-TEC, *Characterizing the Human-Water System for the US Army.*

5269. Urban Development: Past, Present & Future**Room:** *New York Ballroom West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Caroline Rufin-Soler, IRENI

10:00 Patrick McHaffie*, DePaul University, *Reading Maps Socially: A Tale of Two Cities.*

10:20 Zijiang Yang*, Mr; Hong Zhang, *The Empirical Evaluation of Land Development Rights Transfer*

System.

10:40 Caroline Rufin-Soler*, IRENI - Institut de Recherches en ENvironnement Industriel; Irénée Zwarterook, Laboratoire TVES-ULCO EA 4477, *The PPRT of Dunkirk : new management tool for the territory ?.*

11:00 Petr Rumpel*, University of Ostrava, *The Growth Strategy of the Shrinking City of Ostrava.*

11:20 Mareile Walter*, Blekinge Institute of Technology, *An Analytical Framework for Entrepreneurial Narratives of Place Identity, applied to a Naval City.*

5270. The Normalcy of Urban Neoliberalism and its Limits II: Praxes of Normalization (Sponsored by Urban Geography Specialty Group)**Room:** *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Anne Vogelpohl, TU Berlin

CHAIR(S): Susanne Heeg, Goethe University

10:00 Laura Calbet Elias*, Technical University Berlin, *Speculation and Urban Transformation.*

10:20 Paola Garrone, Full Professor, Politecnico di Milano; Angelamaria Groppi, PhD, Politecnico di Milano; Paolo Nardi, PhD*, Politecnico di Milano & CERTeT-Università Bocconi, *Subsidiarity as paradigm for managing urban public spaces and infrastructure in the livable city. Evidence from Italian cases.*

10:40 Erin DeMuynck*, University of Illinois, *The Co-production of Farmers' Markets and Neoliberal Urbanism in Small Cities: Representations, Practices, and Possibilities.*

11:00 Christian Schwedes*, Goethe-University Frankfurt (Main), Department of Human Geography, *Contingent stories of success - Business Improvement Districts as mobile neoliberal policies assembled in Albania and Germany.*

Discussant(s): Robert Puetz

5271. Cities and Climate Change Experimentation II: drivers, dynamics and consequences (Sponsored by Energy and Environment Specialty Group)**Room:** *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Harriet Bulkeley, Durham University; Alex Aylett

CHAIR(S): Michael Hodson, University of Salford

10:00 Sara Hughes, PhD*, National Center for Atmospheric Research, *The Role of Local Control in Urban Water Experiments.*

10:20 Dana R Fisher, Associate Professor, Department of Sociology,*, University of Maryland, *Understanding MillionTreesNYC as an Urban Environmental Experiment.*

10:40 Stephanie Pincetl*, University of California, *From Government to Governance, Green Infrastructure and its Growing Pains.*

11:00 James P Evans, Dr*, University of Manchester; Andrew Karvonen, Dr, University of Manchester, *Low Carbon Laboratories: built environments as learning machines for sustainability.*

11:20 David JC Hawkey*, University of Edinburgh; Heather Lovell, University of Edinburgh; Jan Webb, University of Edinburgh; Mark Winskel, University of Edinburgh, *Heat and the City: a Local Affair or Not?.*

5272. Learning outside the classroom: The role of internships in urban undergraduate education**Room:** *Madison Suite 2, Sheraton, Fifth Floor* (Panel Session)

ORGANIZER(S): Shauna Brail, University of Toronto

CHAIR(S): Shauna Brail, University of Toronto

Discussant(s): Shauna Brail, University of Toronto

Panelists: Sarah Moore, University of Arizona; Euan Hague, DePaul University; Clare Holdsworth; Susan Lucas, Temple University; Susannah Bunce, University of Toronto

TUESDAY, FEBRUARY 28 • 10:00 AM - 11:40 AM • 5200

5273. **Wildlife Conservation and Management Session 2 (Sponsored by Animal Geography Specialty Group)**

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Elizabeth Walton, Southern Illinois University
Edwardsville

CHAIR(S): Elizabeth Walton, Southern Illinois University
Edwardsville

10:00 Paul J Haverkamp*, Center for Spatial Technologies and Remote Sensing, University of California Davis, Department of Land, Air, and Water Resources; Martin E Zamero, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) Centro Nacional Patagónico (CENPAT), Universidad de Buenos Aires; Ricardo Baldi, PhD, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) Centro Nacional Patagónico (CENPAT); Susan L Ustin, PhD, Center for Spatial Technologies and Remote Sensing, University of California Davis, Department of Land, Air, and Water Resources, *Guanaco and grassland distribution in northern Patagonia, Argentina.*

10:20 Lilia Illes*, UCLA, *Primate Conservation in Fragmented Habitats.*

10:40 Aaron Moody*, University of North Carolina, *Are There Umbrella Species for Habitat Connectivity?.*

11:00 Shaun Diltz*, SIUE; Elizabeth M Walton, PhD, SIUE; Eric Hoffman, SIUE; Sarjana Khadka, SIUE; John Markovich, SIUE; Heidi Haag, SIUE; Ryan Jones, SIUE; Jill Maes, SIUE, *Using GISS Analysis to Determine Box Turtle Age Correlation with Forest Succession.*

11:20 Fabio Berzaghi, MS*, City Colleges of Chicago; Kurt Leslie, MS, Wright College; Joseph Oyugi, PhD, Wright College, *Finding Winter Roaming Range and Designing Migration Corridors For The Yellowstone Bison.*

5275. **China and Africa II**

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Giles Mohan, The Open University; Heidi Østbø Haugen

CHAIR(S): Heidi Østbø Haugen

10:00 Linn Axelsson*, *Engaging with the threat of Chinese products in Ghana: Reflections on border making.*

10:20 Heidi Østbø Haugen*, University of Oslo, *Human bodies as missing links in global value chain theory.*

10:40 Maria Anita Palumbo*, ENSAPV+LAVUE, *Territories in Motion" From Cotonou, an audiovisual approach for the future of African cities, between old and new partners.*

11:00 Monica Coralli*, ENSAPV - LAA, *"Territories in Motion" From Cotonou, an audiovisual approach for the future of African cities, between old and new partners.*

5276. **Geographical Applications of Remote Sensing (II) (Sponsored by China Specialty Group, Remote Sensing Specialty Group)**

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Yuyu Zhou, Pacific Northwest National Laboratory

CHAIR(S): Yuyu Zhou, Pacific Northwest National Laboratory

10:00 Soe Myint*, Arizona State University, *An evaluation of segmentation parameters and nearest neighbor classifier in comparison to per-pixel supervised and unsupervised approaches.*

10:20 Wei Huang*, University of Wisconsin-Milwaukee, *Sequential or parallel: A GIS/RS approach to reassess tower karst and cone karst relationship.*

10:40 L. Monika Moskal, PhD*, University of Washington; Matthew D. Dunbar, PhD, University of Washington; Diane M. Styers, PhD, Western Carolina University;

Kathleen Wolf, PhD, University of Washington, *Geospatial Relationships of Urban Forest Conditions, Stewardship Activity and Environmental Equity.*

11:00 Fenqing Weng*, University of South Florida; Ruiliang Pu, University of South Florida, *Assessment of Urban Growth Using Multiple Endmember Spectral Mixture Analysis: A Case Study in Tampa, Florida.*

11:20 Bingqing Liang*, University of Northern Iowa; Qihao Weng, Indiana State University, *Comparing Urban Landscape of Indianapolis, USA, and Guangzhou, China Using Landscape Metrics.*

5277. **Advancing debates on sustainable and local food-II (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)**

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Bridin E Carroll, National University of Ireland, Galway; Colin L Sage, University College Cork

CHAIR(S): Bridin E Carroll, National University of Ireland, Galway

10:00 Colin L Sage, PhD*, University College Cork, *Local food social movements: Transitions to food sovereignty internationalism or End Times autarky?.*

10:20 Barbara S Schoenher*, King's College London, *Raw trends: raw honey and raw milk as new alternative food trends.*

10:40 Richard Wiltshire*, Department of Geography, King's College London; Deborah Burn, Department of Sociology and Social Policy, University of Newcastle; Anthea Tinker, Institute of Gerontology, King's College London, *Sustaining Local Food Production in the Age-Friendly City.*

11:00 Camille Hochedez*, Ecole Normale Supérieure de Lyon; Julie Le Gall*, Ecole Normale Supérieure de Lyon, *North and South rural areas facing social changes. New metropolitan market gardening networks in the service of social sustainability: A comparison between Buenos Aires and Stockholm.*

Discussant(s): Eric Nost, University of Kentucky

5278. **SLEUTH Symposium I: After 15 years with the SLEUTH model, what we've learned and where we're headed (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)**

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Claire Jantz, Shippensburg University; Gargi Chaudhuri

CHAIR(S): Claire Jantz, Shippensburg University

10:00 Jeffrey A. Onsted*, Florida International University, *Using SLEUTH to create a Regulatory Landscape for use as an Excluded Layer in Urban Growth Simulation.*

10:20 Gargi Chaudhuri, PhD candidate*, University of California Santa Barbara; Keith C Clarke, University of California Santa Barbara, *Impact of policy on urban growth.*

10:40 Brian D Lee*, University of Kentucky, *Predicting Urbanization in Central Kentucky Using a Cellular Automata Approach.*

11:00 Keith C. Clarke, PhD*, University of California, Santa Barbara, *Unsolved Problems and Issues Related to the SLEUTH Urban Growth and Land Use Change Model.*

TUESDAY, FEBRUARY 28 • 10:00 AM - 11:40 AM • 5200

- 5279. Empowering learners through the 'student voice': encouraging a critically reflexive praxis (Sponsored by International Network for Learning & Teaching Geography in Higher Education (INLT), Geography Education Specialty Group)**

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jennifer L. Hill, University of the West of England; Helen Walkington, Oxford Brookes University

CHAIR(S): Jennifer L. Hill, University of the West of England

10:00 Helen Walkington, FRGS, NTF*, Oxford Brookes University; Jennifer L. Hill, FRGS, NTF*, University of the West of England, *Snakes and a ladder: undergraduate student participation in the research process.*

10:20 Mary Biddulph*, University of Nottingham, *Turning the telescope around: addressing curriculum and pedagogical dilemmas in Rwanda through the pedagogies of Young People's Geographies.*

10:40 Nancy Worth*, University of Leeds, *Developing Student Focused Assessment Criteria.*

11:00 Catherine White*, University of Northumbria, Newcastle upon Tyne, *"Fieldwork for me is life experience."*

11:20 Derek France*, Department of Geography & Development Studies, University of Chester, UK; Ian Fuller, Physical Geography Group, Institute of Natural Resources, Massey University, NZ., *Empowering learners: a Cook's tour fieldtrip for the 21st century.*

- Université de Genève, *What is a neighbourhood? Urban planners and inhabitants representations in Lausanne.*

10:20 Jordan Graesser*, Oak Ridge National Laboratory; Anil Cheriyyad, Oak Ridge National Laboratory; Eddie Bright, Oak Ridge National Laboratory, *Characterization of formal and informal neighborhoods in an urban landscape.*

10:40 Andrew Rumbach*, University of Hawaii at Manoa, *Urbanization and the Geography of Risk in Kolkata, India.*

11:00 Rick Miller*, UCLA, *Dwelling on the edge of Ulaanbaatar, Mongolia.*

11:20 Joomi Lee, PhD Candidate*, University of Texas at Austin, *The End of Local Craftsmanship: A Case Study of Sale's Disappearing Artisans.*

- 5281. Rural Tourism II - Development Challenges (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Patrick Brouder

CHAIR(S): Patrick Brouder

10:00 Li Yang*, Western Michigan University, *Farm Tourism and Quality of Life.*

10:20 Christina Engstrom*, Dalarna University; Karla Boluk, Dalarna University, *The Battlefield of the Mountain.*

10:40 Ian Rowen*, University of Colorado, *"That's just for foreigners": Heritage tourism and the politics of authenticity in China.*

11:00 Anna Dóra Sæþórsdóttir*, University of Iceland, *Wilderness tourism and land use conflicts with power production in Iceland.*

Discussant(s): Patrick Brouder

- 5280. Informal urbanism (Sponsored by Urban Geography Specialty Group)**

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Rick Miller, UCLA

CHAIR(S): Rick Miller, UCLA

10:00 Maria Luisa Giordano*, Département de Géographie

TUESDAY, FEBRUARY 28 • 12:15 PM - 2:00 PM • 5300

AAG AWARDS LUNCHEON

Room: Trianon Ballroom, Hilton, Third Floor

Join colleagues and friends in honoring recipients of AAG Honors and other awards and prizes. The Awards Luncheon will be held on Tuesday, February 28 in the Trianon Ballroom of the Hilton, Third Floor, from 12:15 p.m. - 2:00 p.m.

The following Honors will be presented:

AAG Lifetime Achievement Honors
Kevin Cox, The Ohio State University

AAG Lifetime Achievement Honors
James C. Knox, University of Wisconsin, Madison

AAG Distinguished Scholarship Honors
Richard Walker, University of California at Berkeley

AAG Gilbert Grosvenor Honors for Geographic Education
Robert Morrill, Virginia Tech

AAG Ronald F. Abler Distinguished Service Honors
David Unwin, Birkbeck College (emeritus)

AAG Distinguished Teaching Honors
Briavel Holcomb, Rutgers University

AAG Publication Award
Routledge

In addition to AAG Honors, the Burrill Award, Miller Award, Nystrom Award, Jackson Prize, AAG Enhancing Diversity Award, AAG Globe and Meridian Book Awards, Specialty Group Awards, and others will be presented.

The following individuals have held 50 years of continuous AAG membership, a measure of support for the Association that will be recognized at the AAG Awards Luncheon:

Yukiko Bedford	Ronald G. Knapp
William B. Beyers	David E. Kromm
Larry S. Bourne	Ronald A. Larson
James R. Carter	Richard Lewis
Kenneth E. Corey	Brian J. Murton
Louis De Vorse, Jr.	Peter W. Rees
Thomas H. Eighmy	Gerard Rushton
Robert E. Frenkel	James W. Simmons
Robert W. Hutton	Julian Wolpert

The cost of the luncheon is \$55, including service and tax. A complete table of ten is also available at \$495. Tickets may be purchased at the AAG Registration Desk.

TUESDAY, FEBRUARY 28 • 2:00 PM - 3:40 PM • 5400

2:00 p.m. - 3:40 p.m.

5401. Labour Geography and Migrant Work (Sponsored by European Specialty Group, Economic Geography Specialty Group)

Room: Concourse A, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Siobhán McPhee, University College Dublin
 CHAIR(S): Siobhán McPhee, University College Dublin
2:00 Aadne Aasland, PhD, Senior researcher*, Norwegian Institute for Urban and Regional Research; Guri Tyldum, Cand. polit, Senior researcher, Fafo Institute for Applied Social Science, *Stuck in poor working conditions? Migrant workers in the hotel sector in the Oslo region.*
2:20 Anne E Green*, IER, University of Warwick, *Understanding segmentation: wider labour market consequences of concentrations of migrant workers.*
2:40 Sonia Pereira*, University of Lisbon, *When new immigrants arrive: impact on established African immigrant workers in Portugal.*
3:00 Marie Pahl*, University of Cologne; Pamela Hartmann, University of Cologne, *The Impact of Return Migration on City Development in Guangzhou, China - Reflections on the Challenge of Readjustment Looking at the Case of Housing.*
 Discussant(s): Siobhán McPhee, University College Dublin

5402. Live property

Room: Concourse B, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Rosemary-Claire Collard, University of British Columbia; Kathryn Gillespie, University of Washington
 CHAIR(S): Rosemary-Claire Collard, University of British Columbia
2:00 June Dwyer, PhD*, Manhattan College, *Live Property: Parenting, Horse Training and the "Complacency of Ownership".*
2:20 Stacey L Smith*, University of Bristol, *Material Minds, Synaptic Selves: Introducing Neurogeographies through the Alzheimer's Lens.*
2:40 Kathryn Gillespie*, University of Washington, *Animal Resistance and the Improprieties of Live Property.*
 Discussant(s): Ted Rutland, University of British Columbia

5403. Cities as First Responders: The Assessment Report on Climate Change and Cities (ARC3) and How to Become Part of Urban Climate Change Research Network and Its Ongoing Work

Room: Concourse C, Hilton, Concourse Level (Panel Session)
 ORGANIZER(S): William Solecki, Hunter College; Cynthia Rosenzweig, Columbia University
 CHAIR(S): William Solecki, Hunter College
 Introducer: William Solecki
 Panelists: Cynthia Rosenzweig, Columbia University

5405. Utopian/dystopian mobilities (Sponsored by Transportation Geography Specialty Group)

Room: Concourse E, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Sven Kesselring, Technische Universität München
 CHAIR(S): Sven Kesselring, Technische Universität München
 Introducer: Ole B. Jensen
2:05 Nikita A Kharlamov*, Clark University, *The Utopia of Habitable Space: Reassembling Psychogeography.*
2:25 Marcel Endres*, Technische Universität Darmstadt, *Full speed slow down. Utopian ideas on reconciling the freedom of mobility with the luxury of immobility.*
2:45 Malene Freudendal-Pedersen*, Roskilde University; Ole B. Jensen*, Dept of Architecture & Design, Aalborg University, *Imagining a better future - why fun works.*
3:05 Steven Logan*, York University, *In a Place, Where*

Tomorrow is Already Yesterday.

Discussant(s): Malene Freudendal-Pedersen; Mimi Sheller, Drexel University

5408. Fisheries and Marine Resources

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Lukasz D Langowski, University of Aberdeen
2:00 Marianne Karlsson*, CICERO-Center for International Climate and Environmental Research-Oslo, The Norwegian University of Life Sciences-UMB, *Resistance to changing fisheries management by small-scale fishers in Belize.*
2:20 Richard Vercoe*, University of Georgia, *Turning Salmon Green; Using native marine alga to bioremediate the socio-ecological impacts of salmon farming in southern Chile.*
2:40 Laura Zanotti*, Purdue University, *Forests and Fish: Freshwater resource use in the Central Brazilian Amazon* Laura Zanotti.
3:00 Amy Roe*, University of Delaware, *The Ecological Present and the Erosion of Sustainability, the Case of Fisheries Management of the American Shad.*
3:20 Lukasz D Langowski*, CMCZM, University of Aberdeen; David R Green, CMCZM, University of Aberdeen; Shirisha Karnam, CMCZM, University of Aberdeen, *A fish migration data and information resource: the living north sea project web-gis.*

5410. Accessing Health and Social Services: New Challenges to Old Problems (3) (Sponsored by Health and Medical Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Mark W Rosenberg, Queen's University; Kathi Wilson, University of Toronto at Mississauga
 CHAIR(S): Kathi Wilson, University of Toronto at Mississauga
2:00 Bethany Lee Watzman*, Temple University, Department of Geography and Urban Studies, *A Statistical and Spatial Analysis of Low-Income Women's Access to Family Planning Services in Southeastern Pennsylvania.*
2:20 Marcie Snyder, PhD Candidate*, University of Toronto at Mississauga; Kathi Wilson, PhD, University of Toronto at Mississauga, *Aboriginal Peoples' Mobility and Health in Urban Canada: Navigating the Landscape of Service Provision in Winnipeg, Manitoba, Canada.*
2:40 Robert Watson, MES Candidate*, Dalhousie University; Heather Castleden, PhD, Dalhousie University, *Engaging Indigenous Families affect by Asthma in a Support-Education Program in Atlantic Canada.*
3:00 Sue C. Grady, PhD, MPH*, Michigan State University, *The Geography of Prenatal Care Utilization in Michigan.*
3:20 Amy J Blatt, Ph.D.*, Quest Diagnostics, *Perspectives in Medical Geography: Theory and Applications for Librarians.*

5411. The normalcy of difference (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Disability Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Jayne Sellick, Durham University
 CHAIR(S): Jayne Sellick, Durham University
2:00 Lien Claes*, Ghent University, *Social geography and disability studies make a good marriage. Studying life trajectories of people with intellectual disability and mental health problems.*
2:20 Niall Smith*, University of Glasgow, *The (A)Social Body?: The Experiential Geographies of Living with Epilepsy.*
2:40 Louise Holt, PhD*, Loughborough University; Jen J Lea, PhD, Loughborough University; Sophie R Bowlby, PhD, Reading University, *Young people with socio-*

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emotional differences in primary schools: from socio-spatially diverse experiences of (dis)ablement to the increasing codification and formalisation of socio-emotional norms.

Discussant(s): Pamela Moss, University of Victoria

5412. Ideas and Practices in Geographic Education

Room: Gramercy Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kathleen Baker, Western Michigan University

2:00 Cameron Douglas Craig*, Eastern Illinois University; John M DeMatteo, Eastern Illinois University, *The Fifty States Quiz: The Continued Struggle of Identifying All the States of Our Nation.*

2:20 Meredith Marsh, PhD*, Lindenwood University, *Spatial Concept Presence in the 1994 National Geography Standards.*

2:40 Dong-min Lee, Ph.D Student*, Department of Geography Education, Seoul National University; Jae-Myong Ryu, Professor, Department of Geography Education, Seoul National University, *How to Improve Regional Image by Presentative Design and Presentation of Geography Texts.*

3:00 Kiichi Takeuchi*, Long Island University; Patrick Kennelly, Associate Professor of Geography, Long Island University, *Mapping Wifi Signal Strength Using the iPad: A GIS Class Project.*

3:20 Kathleen Baker*, Western Michigan University; Heather Petcovic, Western Michigan University, *Spatial signatures of mapping expertise among field geologists.*

5413. French Perspectives on North American Urbanism

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Alex Schafran

CHAIR(S): Alex Schafran

2:00 Marie-Fleur Albecker*, University Paris 1 Pantheon-Sorbonne, *Impacts of globalization and urban policies in Paris' and New York's first suburbs.*

2:20 Guillaume Poiret*, Sorbonne University, *Advocating for flexible metropolitan areas: the situation of Toronto, Ontario.*

2:40 Sarah Mekdjian*, Université Pierre Mendès France, *Infernal urban Babylon ? Discourses from both sides of the Atlantic on immigration and cities in the US.*

3:00 Julie H Hernandez, Dr. *, Tulane University - Payson Center, *Beyond the "quick technofix" argument: participant GIS as a tool for crisis monitoring. Lessons from the Developing to the Developed World.*

Discussant(s): Frederick Douzet, French Institute of Geopolitics, University of Paris 8

5414. Migration of Professionals and the City - Mobility, Locality and Identities of Expatriates and the Global Elite: 3 (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)

ORGANIZER(S): Lars Meier, University of Munich

CHAIR(S): Lars Meier, University of Munich

2:00 Catharina Schmidt*, TU Dortmund, *The Japanese expatriates in Düsseldorf-Niederkassel.*

2:20 Pauline Leonard, Dr*, University of Southampton; Daniel Conway, Dr, University of Loughborough, UK, *Becoming African? Mobility, Identity and Privilege amongst British expatriates in Johannesburg.*

2:40 Rosa E Bermudez Rico*, El Colegio Mexico, *The mobility of highly qualified professional women in Colombia to Mexico.*

3:00 Catherine Harris*, University of Birmingham, *Translocal Lives- Polish Entrepreneurs in the West Midlands Region, UK.*

Discussant(s): Caroline Nagel, University of South Carolina

5415. Facilitating Cosmopolitanism: Cultural Competencies in Diverse Urban Space

Room: Madison Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Melissa Butcher, The Open University; Sarah Neal, Open University

CHAIR(S): Melissa Butcher, The Open University

2:00 Sarah Neal*, Open University; Carol Vincent, Professor, Institute of Education, University of London, *Affective everyday multicultural: adult and children's friendships across social class and ethnic difference.*

2:20 Anna Cieslik*, Max Planck Institute/CUNY, *Super-diversity and the urban encounters in Astoria, New York.*

2:40 Mona Harb*, American University of Beirut; Lara Deeb, Scripps College, *Negotiating the City: Pious Youth and Moral Leisure Geographies in South Beirut.*

3:00 Melissa Butcher*, The Open University, *Learning to Work with Difference: Intercultural Competencies in the Global Workplace.*

5416. From the Mekong Delta to the Shan Highlands: Landscapes, Livelihoods, and Conservation in Rural Southeast Asia (Sponsored by Asian Geography Specialty Group)

Room: Morgan Suite, Hilton, Second Floor (Paper Session)

ORGANIZER(S): John Bowen, Central Washington University

CHAIR(S): Nick Kontogeorgopoulos, University of Puget Sound

2:00 Magnus Jirstrom, Professor*, Lund University, Sweden; Franz-Michael Rundquist, Professor, Lund University, Sweden; Sultana Nasrin, PhD-Candidate, Lund University, Sweden; Bjorn Holmquist, Professor, Lund University, Sweden, *Changes in diversification profiles and its impacts on total income among rice farming households in the Mekong and Red Rive Deltas in Vietnam 1999-2005.*

2:20 Thanh Hai Nguyen*, Macquarie University; Kate Lloyd, Macquarie University; Katharine McKinnon, Macquarie University; Michelle Carnegie, Macquarie University, *Local trade in the Global Age: The Cham Muslim Community's Trading Activities in the Mekong Delta, Vietnam.*

2:40 Matthew Toro*, University of Miami / Chinese University of Hong Kong, *Coffee Markets, Smallholder Credit, and Landscape Change in the Bolaven Plateau Region, Laos.*

3:00 Megan Youdelis*, York University, *Reconstructing Nature and Culture: Ecotourism in Northern Thailand.*

3:20 Nick Kontogeorgopoulos*, University of Puget Sound, *The Role of Tourism in Elephant Welfare in Northern Thailand.*

5417. Dendrochronology VII: Dendrogeomorphology (Sponsored by Paleoenvironmental Change Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Murray Hill Suite A, Hilton, Second Floor (Paper Session)

ORGANIZER(S): Stockton Maxwell, The Pennsylvania State University; Markus Stoffel, University of Berne

CHAIR(S): Markus Stoffel, University of Berne

2:00 Michelle Schneuwly-Bollschweiler*, Laboratory of Dendrogeomorphology, University of Berne; Emily Procter, Laboratory of Dendrogeomorphology, University of Berne; Markus Stoffel, Laboratory of Dendrogeomorphology, University of Berne, *Coupling tree-ring analysis with orthophoto analysis to explore debris-flow history and process dynamics.*

2:20 Erika L Wertz*, University of Minnesota; Scott St. George, University of Minnesota; Joseph D Zeleznik, North Dakota State University, *Testing whether vessel characteristics in bur oak can serve as proxies for severe Red River floods within the United States.*

2:40 Markus Stoffel*, University of Berne; Daniel Trappmann,

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University of Bern; Michelle Schneuwly-Bollschweiler, University of Bern, *Where Science Meets Practice: Dendrogeomorphic Documentation of Rockfall Trajectory Frequencies, Bounce Heights and Energies Along a Road in the Swiss Alps*.

- 3:00** Juan Antonio Ballesteros-Cánovas*, Department of Research and Geoscientific Prospective, Geological Survey of Spain (IGME), Ríos Rosas 23, Madrid E-28003, Spain; Jose Maria Bodoque, Mining and Geological Engineering Department, University of Castilla-La Mancha, Campus Fábrica de Armas, Avda. Carlos III, Toledo E-45071, Spain; Virginia Ruiz-Villanueva, Department of Research and Geoscientific Prospective, Geological Survey of Spain (IGME), Ríos Rosas 23, Madrid E-28003, Spain; Andrés Díez-Herrero, Department of Research and Geoscientific Prospective, Geological Survey of Spain (IGME), Ríos Rosas 23, Madrid E-28003, Spain, *Advance on the past flood discharge estimation from the dendro-mechanical analysis of tilted trees*.

5418. The Geography of Disaster (Part 1)

Room: Murray Hill Suite B, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Melissa J. Rura; Michael Webb, The University of Southern Mississippi
CHAIR(S): Michael Webb, The University of Southern Mississippi
2:00 Peter V Lima III*, University of New Orleans, *Native American Disaster Planning and Recovery*.
2:20 Elena Shadrina*, Graduate School of Governance Studies, Meiji University, Associate Professor, *Japan's Pre- and Post-3/11 Energy Policy: Distressing Lessons and Blurred Prospects*.
2:40 Charles Kelly*, The Cuny Center, *We Know Where You Are: Spatially Technologies and Tracking Disaster Survivors*.
3:00 Gernot Paulus*, School of Geoinformation, Carinthia University of Applied Sciences; Indre Danielute, School of Geoinformation, Carinthia University of Applied Sciences; Stephan Schober, Provincial Government of Carinthia, Department for Water Resource Management; Christof Seymann, Forest Engineering Service for Torrent and Avalanche Control Carinthia, *Improving Natural Hazard Risk Communication at Community Level*.
3:20 Michael Webb*, The University of Southern Mississippi; Candace M Forbes, The University of Southern Mississippi; David Butler, University of Southern Mississippi, *Spatial Patterns and Characteristics of Evacuees from the Mississippi Coast following Hurricane Katrina*.

5420. Human Impacts on Watershed Processes I - Hydrological Processes & Watershed Management (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group, Mountain Geography Specialty Group)

Room: Nassau B, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; Chansheng He, Western Michigan University
CHAIR(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA
2:00 Chansheng He*, Western Michigan University; Bojie Fu, Research Center for Eco-Environmental Science, The Chinese Academy of Sciences; Yanda Xu, Research Center for Eco-Environmental Science, The Chinese Academy of Sciences, *Modeling the Hydrological Impacts of "Grain for Green" Policy in the Loess Plateau of Northern China*.
2:20 Carol Harden*, University of Tennessee; James Hartsig, University of Tennessee; Jaehoon Lee, University

of Tennessee; Kathleen Farley, San Diego State University; Leah Bremer, San Diego State University, *Land-use Change in 3D: Roots and Soil-Water Relations in Andean Páramos*.

- 2:40** Shuhan Zhang*, Dept. of Geography, East Stroudsburg University of PA; Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA, *Study on spatial pattern of water temperature and its controlling factors in Paradise Creek, Northeastern PA*.
3:00 Molly H. Polk*, University of Texas at Austin; Kenneth R. Young, PhD, University of Texas at Austin, *The Missing Link? Wetlands and Glacial Retreat in the High Andes of Peru*.
3:20 Luc Claessens*, University of Delaware, *Towards cost-effective reductions in watershed nutrient export: Linking spatially variable hydro-ecology with nutrient trading*.

5423.

Room:

Powers of Environmental Impact Assessment

Sutton Parlor Center, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): Nicole Becker, University of Arizona; Kevin Gould, Concordia University
CHAIR(S): Kevin Gould, Concordia University
2:00 Erik Jönsson*, Lund University, *Contested calculability: Social struggle and ontological mutations in two large scale golf developments*.
2:20 Danielle DiNovelli-Lang*, Carleton University, *More of the Same: Coloniality and the Environmental Status Quo*.
2:40 Daisuke Naito*, Yale Program in Agrarian Studies, *Environmental Audit as Ritual Practice*.
3:00 Clint Westman*, Department of Archaeology and Anthropology, *Traditional land use of Aboriginal Peoples in Canada's oilsands region: the politics and social science of impact assessment*.
3:20 Peter Taber*, University of Arizona, *Assembling Lowland Ecuador: Environmental Impact Assessment at Ecuador's Herbario Nacional*.

5424.

Room:

Forest for the People: The Cycle of Human / Environment Relationship

Sutton Parlor North, Hilton, Second Floor (Paper Session)

- ORGANIZER(S): José Díaz-Garayúa, Coppin State University; Eliezer Nieves
CHAIR(S): Eliezer Nieves
Introducer: Eliezer Nieves
2:05 Eliezer Nieves-Rodriguez*, Department of Geography, University of Puerto Rico / The Natural History Society of Puerto Rico, Santa Ana Nature Center; Tania Lopez-Marrero, Department of Geography and the Department of Latino and Hispanic Caribbean Studies, Rutgers University, *Public Knowledge and Perceptions about Karst Forests, using Environmental Interpretation as a tool to connect people with the forest*.
2:25 Rebecca McLain*, Institute for Culture and Ecology; Steven Lawry, Harvard Kennedy School; Kelly Biedenweg, Institute for Culture and Ecology; Brent Swallow, University of Alberta, *Devolution of Forest Rights and Sustainable Forest Management*.
2:45 Marcellus Caldas*, Kansas State University-Geography, *The Decline of the Cocoa Economy and Land Reform Settlement Formation*.
3:05 Jason S. Polk*, Western Kentucky University; Chris Groves, Ph.D., Hoffman Institute, Western Kentucky University; Leslie North, Ph.D., Hoffman Institute, Western Kentucky University; Guo Fang, Ph.D., International Research Center on Karst, *An International Collaboration on Climate Change and Groundwater Resource Issues in Karst Regions*.
Discussant(s): Rebecca McLain, Institute for Culture and Ecology

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- Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)*
 ORGANIZER(S): David Murakami Wood, Queen's University;
 Stephen Graham, Newcastle University
 CHAIR(S): Stephen Graham, Newcastle University
2:00 Tim Schwanen*, University of Oxford, *Rethinking the geographies of surveillance in public space.*
2:20 Anne Uteck*, University of Ottawa Law School, *Back to the Real World: Embedded Technology, Surveillance & The Legal Protection of 'Peopled Places'.*
2:40 Christoph Craviolini*, University of Fribourg; Joris Ernest Van Wezemael, University of Fribourg, *The Morphology of Control - Changing notions of enclosure and openness in contemporary inner-city high-rise areas.*
3:00 Harvey Molotch*, NYU, *City Stuff: Safety and Danger in Everyday Infrastructure.*
3:20 Deborah Natsios*, Cryptome / Natsios Young Architects NY NY, *Tracking the Limits of City, Metropolis, Territory: Risky Mobilities and Architectures of Interdiction.*

5431. FoodMediaPolitics 1: Celebrity Chef Space

- Room: Petit Trianon, Hilton, Third Floor (Paper Session)*
 ORGANIZER(S): Michael Goodman, King's College London;
 Christine Barnes, King's College London
 CHAIR(S): Michael Goodman, King's College London
2:00 Christine Barnes*, King's College London, *Cooking up a revolution: media, celebrity chefs and the politics of 'good food'.*
2:20 Michael Goodman*, King's College London, *Spectacular (Fish-)Net(s)-working: Trolling Celebrity Chef Politics in the UK.*
2:40 Jennifer Silver*, The University of Guelph, *Seafood 2.0: celebrity and the re-making of a rogue resource.*
3:00 Nick Piper*, University of Sheffield, *Jamie Oliver, culinary and social values.*
3:20 Phillipa Chong, University of Toronto; Josée Johnston, PhD*, University of Toronto, *Why Cook? A Study of Cookbooks, Celebrity Chefs And Persona-Based Brands.*

5432. Growing (in) the city: critical perspectives on urban gardening (session 3)

- Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)*
 ORGANIZER(S): Paul Milbourne, Cardiff University
 CHAIR(S): Paul Milbourne, Cardiff University
2:00 Joseph Pierce, PhD*, The Florida State University, *Urban Agriculture and Informal Regulation.*
2:20 Bryan Preston*, Ball State University, *The Military-Industrial-Tomato Complex: political economy and urban gardening in Muncie, Indiana.*
2:40 Patrick R Jones, BA MArt DCA candidate*, University of Western Sydney, Australia, *Growing a community food system; growing descent culture.*
3:00 Laura Lawson*, Rutgers University; Luke Drake*, Rutgers University, *When the Going Gets Tough, Do the Tough Get Gardening? Themes in Community Gardening Advocacy in the 19th and 20th Centuries.*
3:20 Hamil Pearsall*, Clark University, *Who's greener now? Urban gardening for growing a larger yet more sustainable city.*

5435. Rethinking the Terrain of Geopolitics III: Peace, Reconciliation, and Memory (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

- Room: East Suite, Hilton, Fourth Floor (Paper Session)*
 ORGANIZER(S): Vanessa Massaro, Penn State University; Jill Williams, Clark University
 CHAIR(S): Jill Williams, Clark University
2:00 Lorraine Dowler*, Penn State University, *Waging Peace: The Evolution of Political Tourism in Northern Ireland.*
2:15 Nicole Laliberte*, Pennsylvania State University, *Everyday Spaces of Peace: thoughts from Northern Uganda.*
2:30 Jenna Christian*, Penn State University, *Gender politics, peace, and the "post"war Liberian women's movement.*
2:45 Jacque Micieli-Voutsinas*, Syracuse University; Jacque Micieli-Voutsinas, Syracuse University, *Contrapuntal Memories? Remembering the Holocaust in a Post-9/11 World.*
 Discussant(s): Jennifer Fluri, Dartmouth

5436. Integrating Sustainability Across the Geographic Curriculum (Sponsored by Cultural Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

- Room: Green Room, Hilton, Fourth Floor (Paper Session)*
 ORGANIZER(S): Henry Way, James Madison University; Joshua Long, Franklin College Switzerland
 CHAIR(S): Joshua Long, Franklin College Switzerland
2:00 Joshua Long*, Southwestern University, *Practicing Environmental Sustainability in Educational Travel.*
2:20 Chris McMoran*, National University of Singapore, *Sustainability in the Field: Undergraduate Field Studies in Ecotourism.*
2:40 Amy R. Lilienfeld, Ph.D.*, stand-alone geographer, *Enhancing Community Awareness of Local Drinking Water Quality Through Student-Developed Source Water Protection Plans.*
3:00 Henry Way*, James Madison University, *Integrating and Enacting Sustainability Through the Geography Classroom: A Model of Student-City Collaboration.*

5441. Listening to Emergency Managers: Lessons from Tornado and Snowstorm Warning Events (Sponsored by Hazards Specialty Group)

- Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)*
 ORGANIZER(S): Ronald R Hagelman III, Texas State University; Eve Gruntfest, University of Colorado
 CHAIR(S): Eve Gruntfest, University of Colorado
2:00 Kathleen Sherman-Morris*, Mississippi State University; Mike Brown, Mississippi State University; Karyn Brown, Mississippi State University; Brittany Bell, Mississippi State University; Philip Jackson, Mississippi State University, *Warning Confirmation and Response in the 2011 Smithville, MS Tornado.*
2:20 Amber Silver*, University of Waterloo, *The role of mobile phone technology and social media before, during, and after the Goderich, Ontario tornado.*
2:40 Stephanie Hoekstra*, Social Science Woven Into Meteorology; Amy C Nichols*, Social Science Woven Into Meteorology, *K-12 School and University Officials' Sources and Preferences of Weather Information.*
2:50 Amy C Nichols*, Social Science Woven Into Meteorology; Stephanie Hoekstra*, Social Science Woven Into Meteorology, *How Space and Time Influence the Decision Making of K-12 School and University Officials During Tornado Warnings.*
3:00 Kenneth Blumenfeld, Ph.D.*, ORC International, *The Influence of Population on Tornado-Related Damages and Casualties in US Cities and Towns.*
3:20 David A Call*, Ball State University; Jill S.M. Coleman,

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Ball State University, *The Decision Process Behind Inclement-Weather School Closings: A Case-Study in Maryland.*

5444. Cities and Urban Regions in Latin America (Sponsored by Latin America Specialty Group, Development Geographies Specialty Group)

Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Betty Elaine Smith, Eastern Illinois University;
 Joel Outtes, UFRGS-Univ Fed Rio G de Do Sul
 CHAIR(S): Betty Elaine Smith, Eastern Illinois University
2:00 Tanja Bastia, PhD*, University of Manchester, *Migrants and the right to the city: Experiences from a villas miseria in Buenos Aires.*
2:20 Rosa E. Donoso, PhD(c)*, OTB Research Institute for the Built Environment, TU Delft, *Condominium Ownership: Social Transformation of the Latin American City.*
2:40 David Howard*, University of Oxford, *Land Rights, Urban Development and Insularity: landmark changes in Barbuda.*
 Discussant(s): Betty Elaine Smith, Eastern Illinois University

5445. Troubling urban politics III: policy mobilities and city making (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Kevin Ward, University of Manchester; Allan Cochrane, Open University
 CHAIR(S): Kevin Ward, University of Manchester
2:00 Sean D Knox*, Durham University, *Laboratories of Assembling: Experimentalism and Regeneration in Newcastle-Gateshead.*
2:20 Juan Arredondo*, Geography Department at the Open University, U.K., *City Making: Reflections on city strategy planning processes, expertise mobility and failure.*
2:40 Eugene McCann*, Simon Fraser University, *Mobile Policies Troubling Urban Politics.*
3:00 Tom Baker*, University of Newcastle, Australia, *'Whatever works' in ending rough sleeping?: homelessness, urban policy mobilities, and post-ideological palatability.*
3:20 Ian R Cook*, Northumbria University, *A springtime visit to the Soviet Union: Rethinking post-war planning and policy mobilities.*

5447. Volunteered Geographic Information: Does it have a future? (Sponsored by Geographic Information Science and Systems Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)

Room: Conference Room E, Sheraton, Lower Level (Panel Session)
 ORGANIZER(S): Sarah Elwood, University of Washington;
 Daniel Sui, Ohio State University
 CHAIR(S): Michael Goodchild, University of California - Santa Barbara
 Panelists: Sarah Elwood, University of Washington; Paul A Longley, University College London; Daniel Sui, Ohio State University; Nadine Schuurman, Simon Fraser University; Matthew Zook, University of Kentucky

5448. Map mashup for public participation GIS: Methods and applications (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track, Cartography Specialty Group)

Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Min Sun, GMU; Chen Xu
 CHAIR(S): Chen Xu
2:00 Eric B Wolf*, United States Geological Survey; Barbara Poore, US Geological Survey, *VGI at the USGS: The OpenStreetMap Collaborative Prototype.*
2:20 Kevin R Dyke*, University of Minnesota, *Google Fusion Tables for Community Based Web mapping.*
2:40 Chen Xu*, CISC, GMU, *Towards Volunteered Geographic Information Composition Based on Mashup.*
3:00 Sung-Gheul Jang*, Cleveland State University, *A PPGIS Application for the Vacant Land Rapid Assessment Procedure in Shrinking Cities.*
3:20 Nathan Morrow*, Tulane University, *Volunteered geographic and needs information from disaster affected and food insecure populations during recent crises.*

5450. Statistical and Computing Methods for Spatiotemporal Analytics (Sponsored by Cyberinfrastructure Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Guofeng Cao, University of California, Santa Barbara; Shaowen Wang, University of Illinois at Urbana-Champaign
 CHAIR(S): Shaowen Wang, University of Illinois at Urbana-Champaign
2:00 Guofeng Cao*, University of Illinois, Urbana-Champaign; Keith Clarke, University of California, Santa Barbara; Michael Goodchild, University of California, Santa Barbara; Shaowen Wang, University of Illinois, Urbana-Champaign; Phaedon Kyriakidis, University of California, Santa Barbara, *A Spatial Multinomial Logistic Mixed Model for Mapping Thematic Classification Uncertainty.*
2:20 Jun Wang*, University of Michigan Ann Arbor; Daniel G. Brown, University of Michigan Ann Arbor, *Geostatistical Inverse Modeling for Image Scaling and Multiresolution Data Fusion.*
2:40 Aniruddha Banerjee*, Indiana University Purdue University Indianapolis, *'Classical' or 'Statistical' GIScience? Fragmentation, Networks and the Need to Redefine GIScience.*
3:00 Ying Wang*, University of Florida, *A Spatial-Temporal Analysis of Influenza Clusters in Florida.*
3:20 Dong Chen*, University of Maryland, College Park, *Modeling Feral Swine Distribution in Georgia Using Logistic and Autologistic Regression.*

5451. Growth and Change in Small Urban Areas I: Understanding the Dynamics of Space and Society (Sponsored by Regional Development and Planning Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Benjamin Ofori-Amoah, Western Michigan University
 CHAIR(S): Benjamin Ofori-Amoah, Western Michigan University
2:00 Benjamin Ofori-Amoah*, Western Michigan University, *Sources of Micropolitan Growth and Decline: A Case Study of Michigan.*
2:20 Larry Joe Morgan*, Jacksonville State University; Holly Pak, Student, Jacksonville State University, *Micro-Stratification: An analysis of urban residential structure using a social stress index derived from U.S. Census block level data - Gadsden Alabama, a case*

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- study.*
2:40 Jill Stackhouse, PhD*, Georgia Southern University, *Getting on the Map; Staying on the Map: Marketing Micropolitans.*
3:00 Michael Yoder*, University of Central Arkansas, *Highway Commercial Strips and Urban Expansion in Four Micropolitan Areas of Arkansas.*
3:20 Sara Beth Keough, Ph.D.*, Saginaw Valley State University, *Urban Planning in a Boom Town: The Case of Ft. McMurray, Alberta.*
- 5452. Migration and Development in Africa and Asia (Sponsored by Population Specialty Group)**
Room: Conference Room J, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder
 CHAIR(S): Max Lu, Kansas State University
2:00 Mohamed B Ibrahim, Ph.D.*, Hunter College - CUNY, *The Role of Migrant remittances on Rural Development in the Sudan.*
2:20 Melissa Gibson*, University of Toronto, *Banking on Remittances in the Philippines.*
2:40 Maureen H Hickey, Ph.D.*, ARI, National University of Singapore, *Whose Development? (Re)Placing the "Migrant" in the Migration/Development Nexus.*
3:00 Max Lu*, Kansas State University; Pingzhong Duan, China University of Geosciences, *Inter-provincial Migration and China's Regional Economic Growth and Inequality.*
- 5454. Geographies of Media 13: Space and Video Games (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: Conference Room L, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Samuel Rufat
 CHAIR(S): James Ash, University of Northumbria
2:00 David Grondin*, University of Ottawa, *Daring to Think About the Aesthetics of Peace: Exploring the Affect of Peace in Video Games.*
2:20 Mathieu Triclot*, UTBM, *Inside, Outside: The Production of Videogames Spaces.*
2:40 Hovig TER MINASSIAN*, Université François Rabelais de Tours, *Video games: a cultural heritage?.*
3:00 Samuel Rufat*, University of Cergy Pontoise, Paris, France; Hovig Ter Minassian, University of Tours, France, *Urban studies vs Video Games.*
 Discussant(s): James Ash, University of Northumbria
- 5456. Violent Conflict and Development I (Sponsored by Political Geography Specialty Group, Development Geographies Specialty Group, Economic Geography Specialty Group)**
Room: Central Park East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Sam Schueth, University of Minnesota; Clionadh Raleigh, Trinity College Dublin
 CHAIR(S): Andrew Linke, University of Colorado
2:00 Andrew Linke*, University of Colorado Boulder, *Rescaling Governance as a Remedy for Political Violence in Kenya.*
2:20 Clionadh Raleigh*, Trinity College Dublin, *Food Insecurity Triggers: Comparing Conflict and Climate.*
2:40 Samuel Schueth*, University of Minnesota, *Violent Conflict and Development in Afghanistan.*
3:00 Rebecca Clouser*, Indiana University, *Development contradictions: Reconciling fear in "post"-conflict Guatemala.*
 Discussant(s): John O'Loughlin, University of Colorado
- 5457. Bodies, Spaces, & Protest: What Critical Social Psychology & Geography Have to Say to One Another**
Room: Central Park West, Sheraton, Second Floor (Panel Session)
 ORGANIZER(S): Jen Gieseke, CUNY Graduate Center; Cindi Katz, CUNY Graduate Center
 CHAIR(S): Caitlin Cahill, City University of New York
 Panelists: Michelle Fine, graduate center cuny; Hillary Caldwell; Gregory Donovan, CUNY Graduate Center
- 5458. GIS: Challenges for Analysis I**
Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jeffrey Olson, The Ohio State University
2:00 Falguni Mukherjee*, Sam Houston State University, *Social Construction of Geospatial Data.*
2:20 John Hessler*, Library of Congress, Geography and Map Division, *Finding the Antipodes: Mathematical Constructivism and the Changing Logic of Cartographic Objects, 1960-1975.*
2:40 Harold Moellering*, Ohio State University, *Perspectives on the History of Analytical Cartography.*
3:00 Jeffrey Olson*, The Ohio State University, *Challenges of Historical GIS and Analysis of Landscape Change.*
- 5459. Land, Forests, and Carbon**
Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Youngsang Kwon, SUNY - Buffalo
2:00 Jaclyn Hall, PhD*, University of Louvain-la-Neuve; Eric Lambin, PhD, University of Louvain-la-Neuve, *Assessment of landscape scale ecosystem services: tradeoff of carbon storage and biodiversity with reforestation.*
2:20 Zhiliang Zhu*, USGS; Todd Hawbaker, USGS; Shuguang Liu, USGS; Benjamin Sleeter, USGS; Terry Sohl, USGS; Sarah Stackpoole, USGS, *Regional Patterns and Processes of Terrestrial and Aquatic Carbon Fluxes in Terrestrial and Aquatic Ecosystems.*
2:40 Jason Funk*, Environmental Defense Fund, *Forest carbon accounting: potential impacts on developed and developing countries.*
3:00 Pinki Mondal*, University of Massachusetts; Brett J. Butler, U.S. Forest Service, Northern Research Station; David B. Kittredge, University of Massachusetts, *Impact of climate and land use change: How are America's private forests changing?.*
3:20 Youngsang Kwon*, Assistant Professor, *Assessment on forest growth rate in eastern USA: transition from periodic to annual inventory.*
- 5460. Who borders and how? III (Sponsored by Political Geography Specialty Group)**
Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Reece Jones, University of Hawaii at Manoa; Corey Johnson, University of North Carolina - Greensboro
 CHAIR(S): Corey Johnson, University of North Carolina - Greensboro
2:00 Reece Jones*, University of Hawaii at Manoa, *Militarism as Entertainment in National Geographic's "Border Wars".*
2:20 Gabriel Popescu, Ph.D.*, Indiana University South Bend, *Networking and Privatizing Border Making.*
2:40 Anssi Paasi*, University of Oulu, *Mobile and not-so-mobile borders.*
3:00 Shannon O'Lear, Ph.D.*, University of Kansas, *Borders in the South Caucasus: Meaning and Power.*
 Discussant(s): Mathew Coleman, Ohio State University

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5462. Carbon I: Environmental Dynamics

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Frank LaFone, West Virginia University

2:00 Lei Meng*, Western Michigan University; Peter G. M. Hess, Department of Biological and Environmental Engineering; Natalie M Mahowald, Department of Earth and Atmospheric Sciences, Cornell University; Joseph B Yavitt, Cornell University; William J Riley, Lawrence Berkeley National Lab; Zack Subin, Lawrence Berkeley National Lab; David Lawrence, NCAR; Sean Swenson, NCAR; Jyrki Jauhainen, University of Helsinki; Daniel Fuka, Cornell University, *Sensitivity of wetland methane emissions to model assumptions: application and model testing against site observations.*

2:20 Sarah Stackpoole*, US Geological Survey; Edward Stets, US Geological Survey; David Butman, Yale University; Rob Striegl, US Geological Survey, *Regional differences in recent (2000 to 2011) lateral carbon fluxes in the conterminous United States.*

2:40 Cory P McDonald*, US Geological Survey; Jennifer A Rover, US Geological Survey, Earth Resources Observation and Science (EROS) Center; Edward G Stets, US Geological Survey; Robert G Striegl, US Geological Survey, *Size and distribution of lakes and reservoirs in the contiguous United States, their potential for greenhouse gas emissions, and implications on a global scale.*

3:00 Frank LaFone*, West Virginia University; Tim Carr, PhD, West Virginia University; Maneesh Sharma, PhD, West Virginia University; Asif Iqbal, Kansas State Geological Survey, *A Salty Talk About Brine Data Cataloging and Online Dissemination.*

5463. Environmental and Climate Change Education

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Brey, American Meteorological Society

2:00 Harold M Elliott, Harold M. Elliott*, Weber State University, *The Fall and Rise of Geography at Weber State University.*

2:20 Chew-Hung Chang*, Nanyang Technological University, *Role of Teacher professional development for Climate Change Education in Singapore - Perception and Practices.*

2:40 Nancee Hunter*, Portland State University, *Researcher-Teacher Partnerships: making global climate change relevant.*

3:00 Lesley-Ann Dupigny-Giroux*, University of Vermont; David E. Stooksbury, University of Georgia; Adnan Akyuz, North Dakota State University; Kenneth G. Hubbard, University of Nebraska - Lincoln; John W. Nielsen-Gammon, Texas A&M University; Marina Timofeyeva, NOAA, *AASC Recommendations for the Education of an Applied Climatologist.*

3:20 James A. Brey*, Director, AMS Education Program; Ira W. Geer, AMS Education Program; Elizabeth W. Mills, AMS Education Program; Kira A. Nugnes, AMS Education Program, *Raising Geoscience Literacy through AMS Weather, Ocean, & Climate Studies.*

5464. Financialization and the city: theories, practices and policies (3)

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katia Attuyer, LATTS; Halbert Ludovic

CHAIR(S): Katia Attuyer, LATTS

2:00 Thomas J. Sigler, Ph.D.*, Gustavus Adolphus College, *Explaining Rapid Growth along Panama City's Waterfront.*

2:20 Louise DAVID*, PhD Student at Université Paris-Est,

Financial property investments as the result of the territorial confrontation of different calculative agencies.

2:40 Marieke Krijnen*, Ghent University, *Neoliberalism in Beirut: Real Estate, Capital and the Built Environment.*

3:00 Susan Petsimeris-Ball, Dr*, University of Paris 8, *Understandings of property development in central London.*

3:20 Mark Davidson*, Clark University; William Kutz*, *Bankruptcy, Bonds and the alleged legacy of the Zodiac Killer: The implications of Vallejo's fiscal hypochondria.*

5465. GIS/RS application in aquatic and wetland environment (1) (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Qian Yu, University of Massachusetts; Le Wang, SUNY at Buffalo

CHAIR(S): Qian Yu, University of Massachusetts

2:00 Changjiang Ye*, Qian Yu, *Study on DOC export from an urban watershed to coastal water.*

2:20 Yong Tian, Associate Professor*, Central Michigan University, *Remotely Sensed Data for Monitoring Harmful Algal Blooms (HABs) in Freshwater Lakes - A Potential Link between Cyanobacteria and Human Health.*

2:40 Noah Molotch*, University of Colorado at Boulder; Steven Jepsen, USGS, *Geological filters modulating streamflow response to snowmelt and climate change.*

3:00 Nathan Amador*, Penn State University; Andrew Carleton, Professor, Penn State University; Richard Alley, Professor, Penn State University, *Analysis of supraglacial lake distribution and lake geometries.*

3:20 Qian Yu*, University of Massachusetts, *Understanding watershed DOC export based on a field and remote sensing integrated approach.*

5466. Contemporary North American Suburbanisms: Concepts and Metrics III (Sponsored by Urban Geography Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Pablo Mendez, University of British Columbia; Markus Moos, University of Waterloo

CHAIR(S): Markus Moos, University of Waterloo

2:00 Ben Alan Gerlofs*, Graduate Student, Department of Geography, Syracuse University, *Producing Edge City: Planning the Public on the New Frontier.*

2:20 Joseph A Goddard, Sole Author*, Aalborg University, *Penurbanizing America: the Outer Suburbs Redefined.*

2:40 Renaud Le Goix*, University Paris 1 Pantheon-Sorbonne; Elena Vesselinov, Queens College, *Inequality Shaping Processes and Gated Communities in US Western Metropolitan Areas.*

3:00 Kyle Shelton*, University of Texas at Austin, *The Suburbs of the Urban Core: Recentering the Suburbanization of the Houston, Texas.*

5467. Severe Weather Meteorology and Climatology (Sponsored by Climate Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Stephen Bieda III, The University of Arizona; Andrew Comrie, University of Arizona

CHAIR(S): Stephen Bieda III, The University of Arizona

2:00 Marius Paulikas*, Kent State University, *Thunderstorm Hazard vulnerability for the Atlanta, Georgia metropolitan region.*

2:20 Thomas B Williams*, Western Illinois University, *Flash Flood Episodes in Illinois during Summer 2011: A Comparison of Two Cases.*

2:40 David Groves, PhD, Rand Corporation; Jordan Fischbach,

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PhD, Rand Corporation; Henry Willis, PhD, Rand Corporation; Lauren Andrews, Rand Corporation; David Johnson, Rand Corporation; Amy E Lesen, PhD*, Dillard University; Earthea Nance, PhD, University of New Orleans; Mark Davis, J.D., Tulane University; Courtney Hill, Dillard University, *Adapting to Future Hurricane Risk Under Climate Change Uncertainty: Developing and Implementing Robust Strategies for a More Resilient New Orleans*.

3:00 Carlos J. Reyes*, City University of New York (CUNY)-Graduate Center; Christian Lopez, University of Puerto Rico-Rio Piedras; Ricardo J Morales, Ph.D., University of Puerto Rico-Rio Piedras; Rafael Mendez, Ph.D., University of Puerto Rico-Carolina; Erick Villanueva, University of Puerto Rico-Medical Sciences; Ignacio Falcon, University of Puerto Rico-Rio Piedras; Nicole Romero, University of Puerto Rico-Rio Piedras; Alexandra Caban, University of Puerto Rico-Rio Piedras; Magdaly Perez, University of Puerto Rico-Rio Piedras; Rafael Gutierrez, University of Puerto Rico-Rio Piedras, *Hurricane Variability in the North Atlantic: 1961-2010*.

3:20 Stephen W Bieda III*, Office of Arid Land Studies, The University of Arizona; Andrew C. Comrie, Ph.D., Department of Geography, The University of Arizona; Michael A. Crimmins, Ph.D., Arizona Cooperative Extension, The University of Arizona; Lee A. Byerle, Ph.D., Maxwell AFB, United States Air Force; Stuart Marsh, Ph.D., Office of Arid Land Studies, The University of Arizona; D. Philip Guertin, Ph.D., School of Natural Resources and the Environment, *Flash Flood Causing Mechanisms of the North American Monsoon System in the Sonoran Desert Region*.

5468. Urban Modeling and Expression

Room: *New York Ballroom East, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Stanley Brunn, University of Kentucky

2:00 Yan Jiang*, University of Washington, *High resolution land cover classification in urban environment using NAIP CIR imagery and LIDAR data*.

2:20 Bryan C Pijanowski*, Purdue University; Burak Pekin, Purdue University; Amin Tayyebi, Purdue University; James Plourde, Purdue University; Jarrod Doucette, Purdue University, *Urbanizing America 2010-2040: Projections from a Land Transformation Model*.

2:40 Peter Piet*, Northern Illinois University / City of Elmhurst, *Metropolitan Development, do the classic models still fit?*.

3:00 Stanley Brunn*, University of Kentucky; Stanley D. Brunn, Ph.D., University of Kentucky, *Google World City Rankings in Six Languages*.

5469.

Room: *New York Ballroom West, Sheraton, Third Floor* (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Kelly Sims, Oak Ridge National Laboratory

2:00 Bo Xi, SUNY ESF; Reza Khatami*, SUNY ESF; Giorgos Mountrakis, SUNY ESF, *developing confidence metrics for training dataset selection in remote sensing classification*.

2:20 Atma Bharathi Mani*, University of Northern Iowa; Ramanathan Sugumaran, University of Northern Iowa; Buchanan Erin, Cedar Falls Utilities, *Estimating building roof temperatures from high spatial resolution aerial thermal images*.

2:40 Haixia Liu*, Department of Geography, The Ohio State University; Desheng Liu, Department of Geography, The Ohio State University, *Super-resolution Mapping: a Technical Overview*.

3:00 Kelly Sims*, Oak Ridge National Laboratory, *Raster Analysis using the LandScan Population Distribution Database: Issues & Solutions*.

5470. The Normalcy of Urban Neoliberalism and its Limits III: The Role of Crises (Sponsored by Urban Geography Specialty Group)

Room: *Riverside Ballroom, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Anne Vogelpohl, TU Berlin

CHAIR(S): Felix Silomon-Pflug, Department of Human Geography, Goethe University

2:00 Sebastian Schipper*, Goethe-University Frankfurt, Germany, *"Not the market has failed, but the state" - The hegemony of urban neoliberalism in the case of Frankfurt am Main during the crisis 2008-2010*.

2:20 Ramon Ribera-Fumaz, Universitat Oberta de Catalunya; Ugo Rossi, University of Cagliari; Sara Gonzalez, Leeds University; Stijn Oosterlynck*, University of Antwerp, *The moving map of the global financial crisis: a comparative analysis of four European cities*.

2:40 Matthew Anderson*, University of Illinois at Urbana-Champaign, *The Revisionist Neoliberal City: From Overt to Covert Revanchism*.

3:00 Ståle Holgersen*, Ståle Holgersen, PhD-Student, *Crisis and changes in the neoliberal production of Malmö, Sweden*.

Discussant(s): Susanne Heeg, Goethe University

5471. Cities and Climate Change Experimentation III: drivers, dynamics and consequences (Sponsored by Energy and Environment Specialty Group)

Room: *Riverside Suite, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Harriet Bulkeley, Durham University; Alex Aylett

CHAIR(S): James Evans, University of Manchester

2:00 Sarah Burch, PhD*, University of British Columbia; Ann Dale, PhD, Royal Roads University; John Robinson, PhD, University of British Columbia, *Meeting the Climate Change Challenge (MC3): Multi-level climate change action and social mobilization in British Columbian communities*.

2:20 Alex Aylett*, Research Director, Sustainable Cities International / PhD Candidate, UBC, *Networked Urban Climate Governance: Neighborhood Scale Residential Solar Energy Systems & the Example of Solarize Portland*.

2:40 Michael Hodson*, University of Salford; Simon Marvin*, University of Salford, *Urban Retrofit: Multi-level experimentation "in", "on" or "with" cities?*.

3:00 Harriet Bulkeley*, Durham University; Gareth Edwards, Durham University; Vanesa Castan-Broto, DPU University College London; Sara Fuller, Durham University, *Climate change experiments and global cities: understanding the potential for socio-technical transformation*.

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5473. CAT session I: Residential segregation and residential spaces in post-communist cities (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Michael Gentile, Umeå University; Kadri Leetmaa, University of Tartu
 CHAIR(S): Szymon Marcinczak, University of Lodz
 Introducer: Michael Gentile
2:05 Michael Gentile*, Umeå University; Tiit Tammaru, Tartu University, *Housing allocation in the USSR: a final assessment of the socialist administrative allocation system?*.
2:25 Kadri Leetmaa*, University of Tartu; Daniel B. Hess; Tiit Tammaru, *Who segregates in a post-Soviet city? the majority or the minority population?*.
2:45 Terence Milstead, Ph.D*, Appalachian State University, Dept. of Geography/Planning; Rebecca Miles, Ph.D, Florida State University, Dept. of Urban and Regional Planning, *DIY Home Improvements in a Post-Soviet Housing Market: A Socio-Spatial Analysis of Vilnius, Lithuania*.
3:05 Joseph Salukvadze*, Tbilisi State University, Georgia, *Social problems in space: Changing urgency of urban problems in Tbilisi*.
 Discussant(s): Szymon Marcinczak, University of Lodz

5474. Geographical Approaches to the Political Economy of Law I (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Madison Suite 4, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Laam Hae, York University; Reecia Orzeck, University of Vermont
 CHAIR(S): Reecia Orzeck, University of Vermont
2:00 Reecia Orzeck*, University of Vermont; Laam Hae*, York University, *Law, Political-Economy, and Locality*.
2:15 Tino Petzold*, Goethe-University Frankfurt, *Rescaling through Law*.
2:30 Michael D. Smith*, University of British Columbia, *Triangulating State Power: Geopolitics, Geoeconomics, Geolegality*.
2:45 Jason Beery*, University of Manchester, *States, Capital and International Law, a View from Outer Space*.
3:00 Kendra Strauss*, University of Glasgow, *Legal Geographies of Precarity*.

5475. Longing and Belonging: Geographies of Exile and Diaspora I (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Madison Suite 5, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Diana Ter-Ghazaryan; Patricia Price, Florida International Univ.
 CHAIR(S): Patricia Price, Florida International Univ.
2:00 Catherine Elizabeth Lee*, Texas Tech University, *Belonging in Transylvania: The YouTube Debates*.
2:20 Ágnes Eross*, Geographical Research Institute Hungarian Academy of Sciences; Monika Váradi, Centre for Regional Studies Hungarian Academy of Sciences, *"We are culturally Hungarians, but in mentality Serbians" - identity (re)creation in a transnational community*.
2:40 Timothy Heleniak*, University of Maryland, *Diasporas for Development in Eurasia*.
3:00 Beth Mitchneck*, University of Arizona; Joanna Regulska*, Rutgers University, *Spaces of displacement and (re) placing social networks: Internally Displaced in the Republic of Georgia*.
3:20 Diana Ter-Ghazaryan*, Florida International University, *Mapping Diaspora Investment in the Landscape of Yerevan*.

5476. Geographical Applications of Remote Sensing (III) (Sponsored by China Specialty Group, Remote Sensing Specialty Group)

Room: Madison Suite 6, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Yuyu Zhou, Pacific Northwest National Laboratory
 CHAIR(S): Yuyu Zhou, Pacific Northwest National Laboratory
2:00 Andrew K Thorpe*, Department of Geography, University of California, Santa Barbara; Philip E Dennison, Department of Geography and Center for Natural and Technological Hazards, University of Utah; Dar A Roberts, Department of Geography, University of California, Santa Barbara; Eliza S Bradley, Department of Geography, University of California, Santa Barbara; Christopher C Funk, Department of Geography, University of California, Santa Barbara, *A remote sensing technique for mapping methane, nitrous oxide and carbon dioxide emissions from anthropogenic sources*.
2:20 Min Jo Kang*, Florida State University, *Modeling Storm-water Quality using Remote Sensing Techniques: Comparison of Storm-water quality between arid and humid city*.
2:40 Eve Halper, PhD*, University of Arizona; Christopher Scott, PhD., University of Arizona; Stephen Yool, PhD., University of Arizona, *Correlating vegetation, water use and surface temperature in a semi-arid city: A multi-scale analysis of the impacts of irrigation by single-family residences*.
3:00 Matthew D. Dunbar*, University of Washington; Sara R. Curran, University of Washington; Jacqueline Meijer-Irons, University of Washington; Benjamin Chabot-Hanowell, University of Washington, *Modeling Migration Patterns in Nang Rong, Thailand Using Global Indicators of Climate Change and Local Measures of Environmental Stress*.
3:20 Erica Zell*, Battelle; Stephanie Weber, Battelle; Alex de Sherbinin, CIESIN, Columbia University; Marc Levy, CIESIN, Columbia University, *Environmental Indicators: An Application of Satellite Data Products to Support High Level Decisions for National and International Environmental Protection*.

5477. Postsecular cities in an age of austerity: religion, spirituality, economic restructuring and urban change - a critical dialogue I (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)
 ORGANIZER(S): Chris Baker, University of Chester UK; Justin Beaumont, University of Groningen
 CHAIR(S): Chris Baker, University of Chester UK
2:00 Angus Paddison, MA PhD*, University of Winchester, *Justice and Neighborliness: a Christian perspective*.
2:20 David K. Seitz*, University of Toronto, *(Selectively) Getting Religion: Flirtations with the Secular and the Religious in Canadian Queer Politics*.
2:40 Frederic Dejean*, Université de Montréal (CEETUM), *The invisible reenchantment of urban spaces: the case of Evangelical and Pentecostal places of worship in Paris and Montreal*.
3:00 Margaret Jones*, Anglican Priest, University of Chester UK, *Engaging the voices of Somali women in inner-city Manchester*.
 Discussant(s): Paul Cloke, University of Exeter

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- 5478. SLEUTH Symposium II: After 15 years with the SLEUTH model, what we've learned and where we're headed (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)**

Room: Park Suite 2, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Claire Jantz, Shippensburg University; Gargi Chaudhuri

CHAIR(S): Claire Jantz, Shippensburg University

2:00 Qingfeng Guan*, University of Nebraska - Lincoln, *Opportunities for SLEUTH in High-performance Computing.*

2:18 Claire Jantz*, Shippensburg University; Scott A Drzyzga, Associate Professor, Shippensburg University; Michael Maret, graduate student, Shippensburg University, *Calibrating, validating, and forecasting with the SLEUTH urban growth model in the Baltimore metropolitan area.*

2:36 Federico Martellozzo*, McGill University; Keith C. Clarke, University of California - Santa Barbara, *A measure of Urban Sprawl, Coalescence and Dispersal: the case study of Pordenone, Italy.*

2:54 Elisabete A. Silva*, University of Cambridge, *Coupling with SLEUTH: the CVCA and DG-ABC models.*

- 5479. Landscape as Framework for Integrating Physical and Social Science Approaches in Human-Environment Interaction Research (Sponsored by Human Dimensions of Global Change Specialty Group, Landscape Specialty Group)**

Room: Park Suite 3, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Shanon Donnelly, University of Akron; James Hayes, California State University Northridge

CHAIR(S): Shanon Donnelly, University of Akron

Panelists: Rinku Roy Chowdhury, Indiana University; Steve Prager, University of Wyoming; Kimberly Medley, Miami University Ohio; Jacob C. Brenner, Ithaca College; Kelley Crews, University of Texas

- 5481. Theoretical Developments in Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Daniel Knudsen, Indiana University

CHAIR(S): Daniel Knudsen, Indiana University

2:00 Daniel C. Knudsen*, Indiana University, *Tourist Experience, Tourist Angst and the Repeat Visitor.*

2:20 Garth L Lean*, University of Western Sydney, *Transformative Travel: The Socially Mobile De/Construction of Reality.*

2:40 Jillian Rickly-Boyd*, Indiana University, *Place Matters: Authenticity and Tourism.*

3:00 Noel Healy, Dr*, Department of Geography, Salem State University, *Engineering enclavic tourist spaces: Investigating the transformation of Irish nature-based tourism.*

Discussant(s): Claudio Minca, Wageningen University

2:30 PM - 3:40 PM

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AAG BUSINESS MEETING

Room: Harlem Suite, Hilton, Fourth Floor

The AAG's annual Business Meeting will be held in the Harlem Suite, on Tuesday, February 28, from 2:30 p.m. - 3:40 p.m. AAG officers will present their annual reports. All are welcome to attend.

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4:00 p.m. - 5:40 p.m.

5507. Network modeling and human mobility (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

Room: Concourse G, Hilton, Concourse Level (Paper Session)
 ORGANIZER(S): Zengwang Xu, University of Wisconsin - Milwaukee; Bin Jiang, University of Gaule
 CHAIR(S): Zengwang Xu, University of Wisconsin - Milwaukee
 4:00 Zengwang Xu*, University of Wisconsin - Milwaukee; Wei Tu, Georgia Southern University, *Academic co-session networking in the AAG annual conference: A social network approach.*

4:12 Bin Jiang*, University of Gaule, *Human Mobility Pattern Shaped by the Underlying Scaling of Geographic Space.*

4:24 Christine Barwick, M.A.*, ILS - Research Institute for Regional and Urban Development; Talja Blokland, Prof. Dr., Humboldt-University Berlin, *Gentrification and Homophily: Beyond the Surface of Preference for Sameness in People's Networks and Neighborhoods.*

4:36 Andres Sevtsuk*, Lecturer in Architecture / Urban Studies & Planning, MIT; Michael Mekonnen, MIT Computer Science & Electrical Engineering 2013, *Urban Network Analysis: A New Toolbox for ArcGIS.*

4:48 Patricia Abrantes*, Centre of Geographic Studies of the University of Lisbon; Margarida Queirós, Centre of Geographic Studies of the University of Lisbon; Eduarda Marques da Costa, Centre of Geographic Studies of the University of Lisbon; Paulo Morgado Sousa, Centre of Geographic Studies of the University of Lisbon; Eduardo Gomes, Centre of Geographic Studies of the University of Lisbon, *Geographic social network analysis through graph-based model & GIS: an application to the Lezíria do Tejo Region (Portugal).*

5508. GIS and Planning Applications (Sponsored by Esri)

Room: Beekman Parlor, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Michael Gould, Esri

4:00 Heather M Coleman*, PacMARA, *Good Practices for Marxan and Systematic Conservation and Land/Water Use Planning (Including Socio-Economic Considerations).*

4:20 Elizabeth Lyon*, US Army Corps of Engineering (TEC); Adam Burstein, U.S. Army Geospatial Center, *High-Resolution Imagery Applications in Development Contexts: A Pilot Project in Rwanda.*

4:40 Kevin Gibbons*, University of Wisconsin-Madison, *Applications of GIS to Human-Environment Studies.*

5:00 Sami Eria*, University of Minnesota, Dept. of Geography, *Diffusion of GIS in Developing Countries: A Case Study of Uganda.*

5:20 Michael Gould, Dr.*, Esri, *Esri's program for geo-entrepreneurs in developing nations.*

5510. Accessing Health and Social Services: New Challenges to Old Problems (4) (Sponsored by Health and Medical Geography Specialty Group)

Room: Clinton Suite, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Mark W Rosenberg, Queen's University
 CHAIR(S): Mark W Rosenberg, Queen's University
 4:00 Jenny Cho, M.A. candidate*, McMaster University, School of Geography and Earth Sciences; Bruce Newbold, Professor, McMaster University, School of Geography and Earth Sciences, *Journey to Health: An Investigation of the Social Production of Health and Access to Health Care Within Hamilton's Refugee Community.*

4:20 Naomi Adaniya, MPH*, The Ohio State University, *Evidence to Debunk the Validity of Certificate of Need Laws in Florida.*

4:40 Erik Bourdon*, Canadian Institute for Health Information, *Family Physicians Who Accept All New Patients - The "Rural Effect".*

5:00 Matthew Hamilton*, UC Davis; Stephen Vosti, UC Davis; Thokozani Phiri, iLiNS Project, Malawi; Per Ashorn, University of Tampere; John Phuka, College of Medicine, University of Malawi; Ken Maleta, College of Medicine, University of Malawi; Jacob Humber, UC Davis, *Spatial patterns in the cost of access to healthcare products and services in rural Malawi.*

5511. Whither Disability Geography? (Sponsored by Disability Specialty Group)

Room: Gibson Suite, Hilton, Second Floor (Panel Session)
 ORGANIZER(S): Deborah S Metzel, University of Massachusetts Boston
 CHAIR(S): Deborah S Metzel, University of Massachusetts Boston
 Introducer: Deborah S Metzel
 Panelists: Mark Castrodale; Valorie Crooks, Simon Fraser University; Vandana Wadhwa, Boston University; Michael L Dorn, Stony Brook University

5513. German Philosophy and Geography

Room: Gramercy Suite B, Hilton, Second Floor (Paper Session)
 ORGANIZER(S): Stuart Elden, University of Durham
 CHAIR(S): Stuart Elden, University of Durham
 4:00 Stuart Elden*, University of Durham, *Another Leibniz.*
 4:20 Mikko Joronen*, University of Turku, *Heidegger's Ereignis: the fourfold of the space of taking place.*
 4:40 Dean W. Bond*, University of Toronto, *Hegel, Geography and History.*
 5:00 Eduardo Mendieta*, Stony Brook University, *Kant's Unenlightened Geography --Gender, Race and The Crooked Timber of Humanity.*
 5:20 Rory Rowan*, Royal Holloway, University of London, *The Question of Space in/Questionable Space of Carl Schmitt.*

5514. Pyrogeography: Spatio-Temporal Variability in Fires and Fire Regimes (Sponsored by Biogeography Specialty Group)

Room: Lincoln Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): Andrew Pierce, University of Hawai'i
 CHAIR(S): Andrew Pierce, University of Hawai'i
 4:00 Andrew D. Pierce, PhD*, University of Hawai'i, Manoa; Alan H. Taylor, Pennsylvania State University, *Fixed In Space: Historical and Model Based Evidence for Self-Reinforcing Vegetation Patches.*
 4:20 Christopher A. Underwood*, University of Tennessee; Matthew J. Valente, University of Tennessee; Sally P. Horn, University of Tennessee, *Fire in a Mesic Appalachian Forest: Soil Charcoal Evidence from Cades Cove, Great Smoky Mountains National Park, U.S.A.*
 4:40 Laura Schneider*, Rutgers University; John Rogan, Clark University; Zachary Christman, Middlebury College; Irene Zager, Rutgers University; Schmook Birgit, ECOSUR- Chetumal, Mexico; Miguel Mendez, Calakmul Biosphere Reserve, *Effect of Hurricanes on fire regimes in semi-deciduous dry forests in Yucatan, Mexico.*

Discussant(s): Valerie Trouet, Laboratory for Tree-Ring Research

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- 5515. Wangari Maathai: Environmental Justice and the Contributions of an Activists' Life (Sponsored by Cultural and Political Ecology Specialty Group, Geographic Perspectives on Women Specialty Group, Development Geographies Specialty Group)**
Room: *Madison Suite, Hilton, Second Floor* (Panel Session)
 ORGANIZER(S): Sya B Kedzior, Humboldt State University; Garrett Graddy, American University School of International Service
 CHAIR(S): Sya B Kedzior, Humboldt State University
 Introducer: Bilal Butt
 Panelists: Garrett Graddy, American University School of International Service; John Hausdoerffer, Western State College; Ryan Holifield, University of Wisconsin ? Milwaukee
- 5516. Economic restructuring in post-2008 crisis China (Sponsored by China Specialty Group, Asian Geography Specialty Group, Economic Geography Specialty Group)**
Room: *Morgan Suite, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Yu Zhou, Vassar College
 CHAIR(S): Yu Zhou, Vassar College
4:00 Xiao Fu, MA*, University of British Columbia, *Commercialization of University-Generated Technologies: The Case of Nanjing, China.*
4:20 Jinn-yuh Hsu*, Department of Geography, National Taiwan University, *Economic Integration as Antidote to Economic Tsunami? The Politics of Cross-Strait Economic Cooperation Framework Agreement (ECFA) in Taiwan.*
4:40 Yu Zhou*, Vassar College, *Financial crisis and China's industrial restructuring: a longitudinal study of in China's ICT hardware industry before and after the crisis.*
5:00 Fangfang Cheng*, Luc Boerboom; Stan Geertman; Pieter Hooimeijer, *Development towards crisis or growth? Economic restructuring in China's Shenzhen.*
5:20 Siyu Cai*, UCLA, *From Labor Migrating to Capital to Capital Migrating to Labor: A Case Study of Foxconn's Factory Relocations in China.*
- 5517. Land Cover Land Use Change: Remote Sensing Perspectives (Sponsored by Remote Sensing Specialty Group, Biogeography Specialty Group)**
Room: *Murray Hill Suite A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Giorgos Mountrakis, SUNY - ESF; Jungho Im, SUNY ESF
 CHAIR(S): Giorgos Mountrakis, SUNY - ESF
4:00 Sheikh Hossain*, SGT @ USGS EROS Data Center / SDSU; Collin Homer, USGS EROS Data Center, *Development of a 2005 to 2010 North American Land Cover Change Product.*
4:20 SHENG YANG*, SUNY ESF; Giorgos Mountrakis, SUNY ESF, *Forest Consolidation Dynamics in the Continental US.*
4:40 Michaela Buenemann*, New Mexico State University, *Effects of spatial and temporal resolution on rates and patterns of land change.*
5:00 Barry Haack*, George Mason University; Gregory Hammand, GeoEye, *Comparison and Integration of Optical, Radar and Radar Texture for Land Cover Mapping.*
5:20 Collin Homer*, United States Geological Survey; George Xian, ARTS, *Developing a National Fractional Shrub Product for the 2011 National Land Cover Database.*
- 5518. The Geography of Disaster (Part 2)**
Room: *Murray Hill Suite B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Melissa J. Rura; Rae Zimmerman, New York University- Institute
 CHAIR(S): Rae Zimmerman, New York University- Institute
4:00 Rae Zimmerman*, New York University- Institute for Civil Infrastructure Systems, *The Geography of Transport Resiliency in the Face of Natural and Human Induced Disasters.*
4:20 Matin Katirai, Ph.D.*, West Chester University; Esteban Romero, Ph.D., West Chester University, *Spatial Distribution of Social Vulnerabilities pre and post-earthquake in Chile.*
4:40 Mahtab Lodhi*, Department of Geography, University of New Orleans, New Orleans, Louisiana, *Catastrophic slope failures and debris-dams in the Karakoram-Himalayas: A case of Attabad landslide in Upper Hunza Valley, Northern Pakistan.*
5:00 Sean G Young, Masters Candidate*, University of Arkansas - Center for Advanced Spatial Technologies; Owen O Mpedi, Masters Candidate, University of Arkansas - Center for Advanced Spatial Technologies; Jason A Tullis, PhD, Associate Professor, University of Arkansas - Center for Advanced Spatial Technologies, *Remote Sensing-assisted Landslide Detection After the 2007 Pisco, Peru Earthquake.*
- 5519. Online Mapping (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**
Room: *Nassau A, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Ian Muehlenhaus, University of Wisconsin - La Crosse; Michael P. Peterson, University of Nebraska
 CHAIR(S): Ian Muehlenhaus, University of Wisconsin - La Crosse
4:00 Michael P. Peterson*, University of Nebraska at Omaha, *Bringing Map Mashups into the Classroom.*
4:20 Shunfu Hu, Professor*, Southern Illinois University Edwardsville; Ting Dai, USDA, *Online Map Service Using Google Maps API and Other JavaScript Libraries: an Open Source Method.*
4:40 Yanfen Le*, Northwest Missouri State University, *A Web GIS for Public Access to Aquatic Habitat Assessment Data.*
- 5520. Human Impacts on Watershed Processes II - Fluvial Geomorphic Processes (Sponsored by Geomorphology Specialty Group, Water Resources Specialty Group, Mountain Geography Specialty Group)**
Room: *Nassau B, Hilton, Second Floor* (Paper Session)
 ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; Chansheng He, Western Michigan University
 CHAIR(S): Chansheng He, Western Michigan University
4:00 Linda Kennedy*, University of North Carolina, Greensboro, *Sediment Yield and Sediment Source in Southern Appalachia.*
4:20 William Renwick*, Miami University; Monica T Rakovan, Miami University, *Cumulative Impacts of Multiple Small Impoundments on Hydrologic Regime and Sediment Flux.*
4:40 Shixiong Hu*, Department of Geography, East Stroudsburg University of PA; Jeffrey Hardy, Department of Geography, East Stroudsburg University of PA, *Modeling the Stream Bank Stability in Brodhead Watershed, Northeastern PA.*
5:00 William Christner, Jr., Ph.D.*, ECORP Consulting; Kenneth N Brooks, Ph.D., University of Minnesota; Gary R Sands, Ph.D., University of Minnesota; Elon S Verry, Ph.D., University of Minnesota; Joseph Magner, Ph.D., University of Minnesota; Jeffery Strock, Ph.D.,

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University of Minnesota, *Assessment of Land Use Impacts on Channel Morphology in an Agricultural Watershed*.

- 5:20** Suzanne Walther*, Utah Valley University, *Gravel mobility in environmental flows planning: assessment and issues*.

5523. Powers of Environmental Impact Assessment

Room: Sutton Parlor Center, Hilton, Second Floor (Panel Session)
ORGANIZER(S): Nicole Becker, University of Arizona; Kevin Gould, Concordia University
CHAIR(S): Kevin Gould, Concordia University
Panelists: Nicole Becker, University of Arizona; Kevin Gould, Concordia University; Emilie Cameron, Carleton University; Erik Jönsson, Lund University; Clint Westman, University of Saskatchewan; Manju Menon; Peter Taber, University of Arizona; Keith Miyake, CUNY Graduate Center

5524. Quality standards, conventions and environmental issues in global value chains

Room: Sutton Parlor North, Hilton, Second Floor (Paper Session)
ORGANIZER(S): Boris Braun, University of Cologne; Knut Lindkvist
CHAIR(S): Boris Braun, University of Cologne
4:00 Peter Dannenberg*, *Cross Regional Influences, Target Conflicts and Informal Arrangements - News from the Horticultural Value Chains in Kenya beyond the Exclusion Debate*.
4:20 Amelie Bernzen*, University of Cologne, Institute of Geography, *Organic Trade - Trade 'Organically': Conventions in organic food imports to Germany and Australia*.
4:40 Heidi Bjonnes Larsen*, University of Bergen; Knut Bjørn Lindkvist, University of Bergen, *Quality standards and conventions in the global value chain of seafood*.
5:00 Mai Cecilie Stabell*, University of Newcastle Upon Tyne; Knut Bjørn Lindkvist, University of Bergen and Finnmark University College, *What about price? Quality standards and consumer preferences in the Portuguese market for dried salted fish*.
5:20 Nicole Reps*, University of Cologne, Germany, *Greening of Production - A challenging task for the Indian Automobile Industry?*.

5525. Geographies of Security and Surveillance 3: Data, Discourses, Affects

Room: Sutton Parlor South, Hilton, Second Floor (Paper Session)
ORGANIZER(S): David Murakami Wood, Queen's University; Stephen Graham, Newcastle University
CHAIR(S): David Murakami Wood, Queen's University
4:00 Peter Adey*, Keele University, *Atmospheres of Security*.
4:20 Luca Muscara*, Università Del Molise, *Moving beyond the post-Cold War discourses*.
4:40 Gregory Donovan*, CUNY Graduate Center, *The Informational is Spatial: The Geoeconomics of Cybersecurity in Youth Environments*.
5:00 David Phillips*, U. Toronto, *Identity and surveillance play in hybrid space*.
5:20 Mert Coskan, MA student*, Brock University, *Invasive Borders: bordering practices and the production of the "alien" in the US*.

5531. FoodMediaPolitics 2: Production, Consumption, Representation

Room: Petit Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Michael Goodman, King's College London; Christine Barnes, King's College London
CHAIR(S): Christine Barnes, King's College London
4:00 Sarah Besky*, University of Wisconsin-Madison, *Celebrity Planters and the Remaking of Darjeeling Tea*

Plantations.

- 4:20** Farha B Ternikar, Ph.D., Le Moyne College; Frances G Pestello, Ph.D.*, Le Moyne, *Eat, Pray, Love: Essentializing the other through food and prayer*.
4:40 Gaynor Nichols, BAHons; PhD Candidate*, Macquarie University, *The MasterChef Effect: Changing Australian Food Culture*.
5:00 Julie Doyle*, University of Brighton, *Ethics, aesthetics and ecology: Vegan celebrities and the politics of food*.
5:20 Sebastian Abrahamsson*, University of Amsterdam, *Eating media?*.

5532. Growing (in) the city: critical perspectives on urban gardening (session 4)

Room: Rendezvous Trianon, Hilton, Third Floor (Paper Session)
ORGANIZER(S): Paul Milbourne, Cardiff University
CHAIR(S): Paul Milbourne, Cardiff University
4:00 Yuki Kato*, Tulane University, *Hipsters, locavores, gardeners and the locals: The urban farming organization's potential for "community" building*.
4:20 Audrey L Porcella*, San Diego State University; Pascale Joassart-Marcelli*, San Diego State University, *Community Gardens: Urban Elitism or Grassroots Resistance?*.
Discussant(s): Paul Milbourne, Cardiff University; Jeffrey Hou, University of Washington; Gerda R Wekerle, York University; Mary Beth Pudup, University of California, Santa Cruz; Laura Lawson, Rutgers University, Dept. of Landscape Architecture

5535. Rethinking the Terrain of Geopolitics IV: Dispossession, Corporatization, and Crisis (Sponsored by Political Geography Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: East Suite, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Vanessa Massaro, Penn State University; Jill Williams, Clark University
CHAIR(S): Vanessa Massaro, Penn State University
4:00 Jennifer J Casolo*, University of California at Berkeley, *Defying Dispossession: Embodied Geopolitics of De(bt)velopment, Difference and Natural Resources in Eastern Guatemala*.
4:15 Sapana Doshi*, University of Arizona, Tucson, *Domesticated Dispossession: Political Geographies of Slum Eviction, Social Reproduction, and Difference in Mumbai, India*.
4:30 Emma Gaalaas Mullaney*, The Pennsylvania State University, *Geopolitical Maize: Militarized Geographies of a 21st Century Food Crisis*.
4:45 Ian Shaw*, The University of Glasgow; Jared Powell, The University of Arizona, *Private Military and Security Companies and the Corporatization of Geopolitics*.
Discussant(s): Jill Williams, Clark University; Vanessa Massaro, Penn State University

5536. Evolutionary Geographies (Sponsored by Human Dimensions of Global Change Specialty Group, Cultural Geography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Green Room, Hilton, Fourth Floor (Panel Session)
ORGANIZER(S): Gwilym Eades, Carleton University; Tony Stallins
CHAIR(S): Gwilym Eades, Carleton University
Panelists: Robyn L Bartel, University of New England, Australia; Gwilym Eades, Carleton University; Tony Stallins; Mark Blumler, SUNY-Binghamton; Kenneth R. Young, University of Texas at Austin; Sarah Danielsson, City University of New York; Cordelia Sand, University of Massachusetts

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- 5537. Author Meets Critics - Mary Thomas, "Multicultural Girlhood: Racism, Sexuality and the Conflicted Spaces of American Education" (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**
Room: Harlem Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Natalie Oswin, McGill University
 CHAIR(S): Natalie Oswin, McGill University
 Discussant(s): Cindi Katz, CUNY Graduate Center; Mary Thomas, Ohio State University
 Panelists: Wendy S Shaw, University of New South Wales; Decoteau Irby, University of Wisconsin-Milwaukee; Elizabeth Gagen, University of Hull
- 5539. Reimagining settlements (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Holland Suite, Hilton, Fourth Floor (Panel Session)
 ORGANIZER(S): Helen Jarvis, University of Newcastle Upon Tyne; Rae Dufty-Jones, University of Western Sydney
 CHAIR(S): Dallas Rogers, University of Western Sydney
 Panelists: Heike Mayer; Ethan Miller, Centre for Citizenship and Public Policy, University of Western Sydney; Rob Krueger, Worcester Polytechnic Institute; Helen Jarvis, University of Newcastle Upon Tyne; Rae Dufty-Jones, University of Western Sydney
- 5541. Recovery or Relocation Following Catastrophic Disaster Devastation (Sponsored by Hazards Specialty Group)**
Room: Midtown Suite, Hilton, Fourth Floor (Paper Session)
 ORGANIZER(S): John A Cross, University of Wisconsin-Oshkosh
 CHAIR(S): John A Cross, University of Wisconsin-Oshkosh
 Introducer: John A Cross
4:02 Graham A. Tobin*, University of South Florida; Linda M Whiteford, University of South Florida; Arthur D Murphy, University of North Carolina at Greensboro; Eric C Jones, University of North Carolina at Greensboro; Albert J Faas, University of South Florida; Hugo Yepes, Instituto Geofísico, Escuela Politécnica Nacional (Ecuador), *Resettlement Communities: Social Networks in Chronic hazard Settings*.
4:22 Reginald Archer*, University of California Santa Barbara, *Progress Detection: Remote Sensing for Long Term Disaster Recovery*.
4:42 John A Cross, Ph.D.*, University of Wisconsin-Oshkosh, *Disaster Devastation of American Communities: Long-term Demographic Consequences*.
5:02 Tim G Frazier, PhD*, University of Idaho; Danielle Butsick, M.S., University of Idaho, *Quantification of resilience at various spatial scales: A case study of Sarasota County, Florida*.
 Discussant(s): Ronald R Hagelman III, Texas State University
- 5544. Internal Migration (Sponsored by Population Specialty Group)**
Room: Conference Room B, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder
 CHAIR(S): Bruce Newbold, McMaster University
4:00 Melanie Kappler*, Karlsruhe Institut of Technology (KIT), *One's history - one's future? Residence history and retirement migration in Germany*.
4:15 Theresa M. Lechton, DM*, University of Maryland University College; Thomas J. Mierzwa, PhD, University of Maryland University College, *Transplant Entrepreneurs: Effects of Geographic Migration on Entrepreneurial Startups in the Manufacturing Belt*.
4:30 Hugo Marcelo Zunino*, Universidad De La Frontera; Brenda Matossian, Instituto Multidisciplinario de Historia y Ciencias Humanas - CONICET, *Population dynamics and growth of tourist enclaves in northern Patagonia*.
- 4:45** Bruce Newbold, PhD*, McMaster University; Darren Scott, PhD, McMaster University, *Migration, Commuting Distance, and Urban Sustainability in Ontario's Greater Golden Horseshoe: Implications of the Greenbelt and Places to Grow Plans*.
- 5545. Troubling urban politics IV: city economies, city imaginaries (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Economic Geography Specialty Group)**
Room: Conference Room C, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Kevin Ward, University of Manchester; Eugene McCann, Simon Fraser University
 CHAIR(S): Gordon MacLeod, University of Durham
4:00 David Wilson*, University of Illinois, *Redevelopment Governances and the Current Fear Economy*.
4:20 Andrew E G Jonas, Prof.*, University of Hull; Andrew R Goetz, Prof., Denver University, *Revisiting an Urban Politics of Collective Provision: The Case of Light Rail in Denver, Colorado*.
4:40 Deborah G. Martin*, Clark University, *The Legal Structuring of Urban Politics*.
5:00 Monika Grubbauer*, Darmstadt University of Technology, *Representations of urban space, economic imaginaries and the construction of the 'urban' within urban politics*.
5:20 Allan Cochrane*, Open University, *The changing imaginaries of urban politics: from radicalism to neo-liberalism?*.
- 5547. Community Activism on the Geospatial Web 2.0 (Geoweb) (Sponsored by Geographic Information Science and Systems Specialty Group, Applied Geography Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)**
Room: Conference Room E, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Renee Sieber, McGill University; Jon Corbett, University of British Columbia-Okanagan
 CHAIR(S): Renee Sieber, McGill University
4:00 Wendy E Brawer, Founding Director*, Green Map System, *Green Maps: Transforming Local Information into Global Interaction*.
4:20 Marcy L Burchfield, MSc*, Neptis Foundation, *An experiment in building an ad hoc collaborative regional planning community on the Geoweb*.
4:40 Pamela Robinson, MCIP RPP*, School of Urban and Regional Planning; Nick Weigeldt, Clean Air Partnership, *Expert vs. Crowdsourced Urban Planning: A VGI Cage Match with Governance Implications*.
5:00 Renee Sieber*, McGill University; Andreane Lussier, McGill University; Patrick Quinn, McGill University; Peter Johnson, McGill University, *Community Activism, Watershed Management, and the Geospatial Web 2.0*.
5:20 Jon Corbett*, University of British Columbia-Okanagan, *Food networking: using the geoweb to support food related dialogue*.
- 5548. Computational Geography (Sponsored by Cyberinfrastructure Specialty Group, GIScience, Cyberinfrastructure, and Social Media Special Session Track)**
Room: Conference Room F, Sheraton, Lower Level (Paper Session)
 ORGANIZER(S): Qunying Huang, George Mason University; Eric Shook, University of Illinois at Urbana-Champaign
 CHAIR(S): Qingfeng Guan, University of Nebraska - Lincoln
4:00 Albert Decatur*, Clark University, *Integrating Social Science Data and GIS with SQL*.
4:20 A-Xing Zhu*, Univ of Wisconsin; Chengzhi Qin, Professor,

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2Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences; Yanjun Lu, 2Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, *Easy Geographic Computing: High Performance Computing, CyberGIS and Digital Divide*.

4:40 Xun Shi*, Dartmouth College; Jiang Gui, Ph.D., Dartmouth Medical School, *GeoComputation for Detecting Spatial Association between Environmental Exposure and Disease*.

5:00 Tong Zhang*, Wuhan University; Gaofeng Hua, Wuhan University, *Multi-objective Spatial Optimization Decision Analysis using High Performance Computing*.

5550. Trajectories, Time Geography, and Uncertainty (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Conference Room H, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Joni Downs, University of South Florida
CHAIR(S): Somayeh Dodge

4:00 Somayeh Dodge*, University of Zurich; Robert Weibel, University of Zurich; Patrick Laube, University of Zurich, *Segmentation-Based Similarity Assessment of Movement Trajectories*.

4:20 Rebecca Loraamm*, University of South Florida, *Muscovy duck home range analysis using time geography*.

4:40 Stephanie Kleinschmidt*, GeoDa Center for Geospatial Analysis and Computation, School of Geographical Sciences and Urban Planning, Arizona State University; Alan T. Murray, GeoDa Center for Geospatial Analysis and Computation, School of Geographical Sciences and Urban Planning, Arizona State University; Sergio J. Rey, GeoDa Center for Geospatial Analysis and Computation, School of Geographical Sciences and Urban Planning, Arizona State University; Tony H. Grubestic, Geographic Information Systems and Spatial Analysis Laboratory, College of Information Science and Technology, Drexel University, *Spatial Patterns and Geographic Data Uncertainty*.

5:00 Garrett Hyzer*, University of South Florida, *Incorporating GPS Error Into Time-Geographic Analysis*.

5:20 Yin Liu*, Arizona State University; Alan T. Murray, PhD, Arizona State University; Sergio Rey, PhD, Arizona State University, *Local patterns of movement behavior*.

5551. Growth and Change in Small Urban Areas II: Understanding the Dynamics of Space and Society (Sponsored by Rural Geography Specialty Group, Regional Development and Planning Specialty Group, Urban Geography Specialty Group)

Room: Conference Room I, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Benjamin Ofori-Amoah, Western Michigan University

CHAIR(S): Greg Halseth, U of Northern British Columbia

4:00 Paul J. Mackun*, U.S. Census Bureau, *Micropolitan Statistical Areas: Overview and Analysis from the 2010 Census*.

4:20 Steven Schnell*, Kutztown University, *Building Community and Local Economy in a Pennsylvania College Town*.

4:40 Elizabeth Hines*, University of North Carolina - Wilmington, *Port City on Fire: Desegregation, Arson, and International Notoriety in Wilmington, NC*.

5:00 James M McCluskey, PhD*, UW Wisconsin Colleges; Ann Herda-Rapp, PhD, UW Marathon County, *School District of Wausau: Meeting the Needs of a Racially and Ethnically Diversified Student Population*.

5:20 Greg Halseth*, U of Northern British Columbia; Chelan Zirul, University of Northern British Columbia; Sean Markey, Simon Fraser University; Laura Ryser, University of Northern British Columbia, *Struggling with Rural Governance: A Review of Obstacles Using Examples from Northern BC, Canada*.

5552. Migration and Immigrant Adaptation in Europe (Sponsored by Population Specialty Group)

Room: Conference Room J, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Fernando Riosmena, University of Colorado at Boulder

CHAIR(S): Michelle Brym, the University of Central Oklahoma

4:00 Michelle Brym*, the University of Central Oklahoma, *The Integration of European Union Labor Markets: The Influence of Job Placement Agencies on Patterns of Economic Migration in Europe*.

4:15 Birte Nienaber*, Saarland University, *Cross-border residential migration inside European's Schengen borders*.

4:30 Garret Maher*, Gulf University for Science and Technology, *Integration and Cultural Adaptation: Brazilian Migrants in Rural Ireland*.

4:45 Svante Karlsson*, Umeå university; Magnus Strömgren, Umeå university, *Livelihood strategies among foreign born people in the Swedish countryside*.

5554. Geographies of Media 14: Ideology of the Other (Sponsored by Communication Geography Specialty Group)

Room: Conference Room L, Sheraton, Lower Level (Paper Session)
ORGANIZER(S): Christopher Lukinbeal, University of Arizona; James Craine, California State University Northridge

CHAIR(S): Joseph Palis, North Carolina State University

4:00 David E Beard*, University of Minnesota Duluth; John Heppen, University of Wisconsin River Falls, *Comics and Geography: Critical Approach, Pedagogical Application*.

4:20 Charles W Henebry, Lecturer*, College of General Studies, Boston University, *Visualizing Foreign Spaces in the Graphic Nonfiction of Joe Sacco and Marjane Satrapi*.

4:40 Karen Schmelzkopf, PhD*, Monmouth University, *Race, the Internet, and Counterpublic Spaces*.

5:00 Amanda Rees*, Columbus State University, *"Delhi Belly" and the Geography of Indian Film Censorship: Negotiating Diaspora Audiences and National Identity in Bollywood*.

5:20 Natascha Klocker*, University of Wollongong; Elyse Stanes, University of Wollongong, *'Reel love'? The extent and significance of inter-ethnic intimacy in Australian cinema*.

5556. Violent Conflict & Development II

Room: Central Park East, Sheraton, Second Floor (Paper Session)
ORGANIZER(S): Clionadh Raleigh, Trinity College Dublin; Andrew Linke, University of Colorado

CHAIR(S): Sam Schueth, University of Minnesota

4:00 Arlene Laing*, National Center for Atmospheric Research; Frank Witmer, University of Colorado at Boulder; Andrew Gettelman, National Center for Atmospheric Research; Jimmy Dudhia, National Center for Atmospheric Research, *Climate variability and change in East Africa*.

4:15 Simone Rettberg*, University Bayreuth, *Pastoral development pathways in the context of chronic violent conflict in North-East Ethiopia*.

4:30 Halvard Buhaug*, PRIO; Tor A. Benjaminsen, Norwegian University of Life Sciences; Espen Sjaastad, Norwegian University of Life Sciences; Ole Magnus Theisen, Norwegian University of Science and Technology, *Food Insecurity and Violent Conflict in the Sahel*.

4:45 Andreas Forø Tollefsen*, Department of Sociology and Human Geography, University of Oslo / Center for the Study of Civil War, Peace Research Institute Oslo; Johan Ditttrich Hallberg, Center for the Study of Civil War, Peace Research Institute Oslo; Halvard Buhaug, Center for the Study of Civil War, Peace Research Institute Oslo, *Rough Rebels and Tough Terrain: A*

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5:00 Jessie Hanna Clark*, University of Arizona, *'My Life is Like a Novel': Security at the Public-Private Divide.*
 Discussant(s): Clionadh Raleigh, Trinity College Dublin

5557. Feminist research methods and 'the everyday' (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Central Park West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Roberta Hawkins, University of Guelph; Jill Williams, Clark University
 CHAIR(S): Roberta Hawkins, University of Guelph
4:00 Louargant Sophie, Grenoble University UMR PACTE CNRS; Louargant Sophie, Grenoble University UMR PACTE*, Roberta Hawkins, *Gender mobility and everyday spaces: intersectionality in urban space (Europe).*
4:20 Heidi Kaspar*, University of Zurich; Sara Landolt*, University of Zurich, Department of Geography, *The sexualisation of (everyday) interactions in public spaces.*
4:40 Lindsey Carte*, University of Texas at Austin, *Using Participatory Action Research to Understand Central American Women's Everyday Interactions with the State on the Mexico-Guatemala Border.*
 Discussant(s): Jen Gieseck, CUNY Graduate Center

5558. GIS: Challenges for Analysis II

Room: Empire Ballroom East, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Neng Wan, UNMC
4:00 Tiernan Erickson*, U.S. Bureau of the Census, *An Alternative Method for Testing the Spatial Accuracy of Features.*
4:20 ROUX Emmanuel*, UMR PACTE Territoires CNRS, Université Grenoble 1; ROUX Emmanuel, UMR PACTE, *Meaning and challenges of the territorial observation.*
4:40 Kristien Ooms, Ghent University; Philippe De Maeyer*, Ghent University; Veerle Fack, Ghent University, *How do Different User Groups Process and Retrieve Visual Information Presented on Maps?.*
5:00 Naeema Alhosani*, *Arab traditional sea navigation techniques.*
5:20 Neng Wan*, University of Nebraska Medical Center; Ge Lin, University of Nebraska Medical Center; Stephen Bonasera, University of Nebraska Medical Center, *Using Cell-phone GPS Data to Monitor Adult Life-space: A Feasibility Assessment.*

5559. Heat Waves and Drought

Room: Empire Ballroom West, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Donglian Sun, George Mason University
4:00 Richard A. Earl*, Texas State University; Rick Illgner, Edwards Aquifer Authority, *Central Texas Drought 2010-201(?) and the Edwards Aquifer.*
4:20 Richard Dixon*, Texas State University, *Persistence in San Antonio, Texas Monthly Temperatures.*
4:40 David Keellings*, University of Florida, *Investigating Drivers of Maximum Daily Temperatures in Florida using Extreme Value Analysis.*
5:00 Paul Ang*, SUNY ESF; Giorgos Mountrakis, SUNY ESF; Lindi Quackenbush, SUNY ESF, *Examining Temperature Variability in Continental US using MODIS data.*
5:20 Donglian Sun*, George Mason University, *Inter-comparison of Land Surface Temperature Derived from GOES-E and GOES-W Observations.*

5560. Biopower in Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group)

Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)
 ORGANIZER(S): Amy M. Savener, Indiana University Geography Department; Claudio Minca, Wageningen University
 CHAIR(S): Amy M. Savener, Indiana University Geography Department
 Introducer: Claudio Minca
4:00 Amy M Gray*, Indiana University Geography Department, *Indigenous Biopolitical Tourism Management.*
4:20 Harnng Luh Sin*, Royal Holloway University of London, *From men to monkeys: The biopolitics of tourism and care.*
4:40 Richard Ek*, Lund University, *"Make Sure They See Your Bracelet" - Shame and Tourist Subjectification in an All-inclusive Resort.*
5:00 Claudio Minca*, Wageningen University; Claudio Minca, Professor, Wageningen University, *The Tourist Communitas.*

5561. Suburbs and densification: local resistances and dynamics of change (Sponsored by Urban Geography Specialty Group)

Room: Carnegie Suite East, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Eric Charmes, UMR EVS-RIVES, University of Lyon (ENTPE)
 CHAIR(S): Eric Charmes, UMR EVS-RIVES, University of Lyon (ENTPE)
4:00 Will Poppe*, York University; Doug Young, York University, *Densification and Neighbourhood Renewal in Toronto's High-rise Suburbs.*
4:20 Anastasia Touati*, LATTS - Ecole des Ponts Paris Tech, *Densification in the Paris low-rise suburbs: how and for whose profit?.*
4:40 Max Rousseau*, ENTPE, *Implementing densification at the metropolitan scale: the case of Lyon, France.*
5:00 Pierre Filion*, School of Planning, *Intensifying the Suburb: Lessons from Residential Densification Strategies in Toronto Suburbs (1945-2012).*
 Discussant(s): Roger Keil, York University

5562. Carbon II: Economics and Management

Room: Carnegie Suite West, Sheraton, Third Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Melanie McDermott, Rutgers University
4:00 Stephen Balogh, M.S.*, SUNY College of Environmental Science and Forestry; Myrna Hall, M.S., SUNY College of Environmental Science and Forestry; Charles AS Hall, Ph.D., SUNY College of Environmental Science and Forestry; Forrest SM Baird, SUNY College of Environmental Science and Forestry; Drew V Gamils, SUNY College of Environmental Science and Forestry; Emilie C Rigby, SUNY College of Environmental Science and Forestry, *Historical Trends in the Ratio of Urban Respiration to Regional Production for Pre-, Peak- and Post-Industrial Eras in a Rust Belt City.*
4:20 Nagendra Singh*, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory; Keith Kline, Oak Ridge National Laboratory; Rebecca Efromson, Oak Ridge National Laboratory; Gbadebo Oladosu, Oak Ridge National Laboratory, *Estimating Land Use Land Cover Change in Iowa due to Bioenergy.*
4:40 Jerry Patchell, Dr.*, Social Science, HKUST; Roger Hayter, Dr., Dept. of Geography, Simon Fraser University, *Breaking the Carbon Policy Impasse: MNCs and economic geography.*
5:00 Elise Schadler, University of Vermont; Cecilia Danks, University of Vermont; Melanie McDermott*, Rutgers

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University, *Carbon markets for US urban forestry: attracting funds by offering local value.*

- 5:20** Richard Perkins*, Department of Geography and Environment, LSE; Eric Neumayer, Department of Geography and Environment, LSE, *Regulatory stringency, regulatory distance and the transfer of new environmentally sound technologies. Evidence from the automobile sector.*

5563. Environmental and Climate Change Education: Population

Room: Liberty 1, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michelle Howard, University of Idaho

- 4:00** Péter Bagoly-Simó, Dr.*, *Dealing with Growth: Population Dynamics in Geography Textbooks of International Selection.*

- 4:20** Paul R Larson, PhD*, Southern Utah University; C. Frederick Lohrengel, PhD, Southern Utah University, *Teaching Climate Classification Using the Köppen System: A Simplified Method.*

- 4:40** Karen Humes, Ph.D.*, University of Idaho; John Abatzoglou, Ph.D., University of Idaho; Crystal Kolden, Ph.D., University of Idaho; Tim Frazier, Ph.D., University of Idaho; Jeff Hicke, Ph.D., University of Idaho; Von Walden, Ph.D., University of Idaho; Michael Jennings, Ph.D., University of Idaho; Harley Johansen, Ph.D., University of Idaho, *Service Learning on 6 Million Acres: Climate Adaptation Planning for the Clearwater River Basin.*

- 5:00** Michelle Howard, MS*, University of Idaho Department of Geography; Karen S. Humes, PhD, University of Idaho Department of Geography, *Integrating Ocean Literacy Into The Undergraduate Geography Curriculum.*

5564. Financialization and the city: theories, practices and policies (4)

Room: Liberty 2, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Katia Attuyer, LATTs; Halbert Ludovic

CHAIR(S): Halbert Ludovic

- 4:00** Matti Siemiatycki*, University of Toronto, *The Political Geography of Infrastructure Public-Private Partnerships: The Canadian Experience.*

- 4:20** Daniel Florentin*, Oxford University - Ecole Normale Supérieure (ENS), *Insights into public experiences in Argentinian water sector after the end of the PPP-era.*

- 4:40** Rajiv Sharma*, University of Oxford, *The Evolution of the Infrastructure Financial Product.*

- 5:00** Phillip O'Neill*, University of Western Sydney, *Directions and options for privatized urban infrastructure: an evaluation.*

5565. GIS/RS application in aquatic and wetland environment (2) (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Liberty 3, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Qian Yu, University of Massachusetts

CHAIR(S): Le Wang, SUNY at Buffalo

- 4:00** Matthew Melancon*, Texas State University, *Assessment of Tamarisk Intrusion and Landscape Change Utilizing Multitemporal Repeat Photography: Big Bend National Park, Texas.*

- 4:20** Weining Zhu*, University of Massachusetts, Amherst; Qian Yu, University of Massachusetts, Amherst, *Terrestrial export and dynamic of dissolved organic carbon in estuarine and coastal regions - case study for global major rivers.*

- 4:40** Batoul Damghani*, Auburn University; Luke J Marzen, Auburn University, *Detecting and Mapping Cogongrass Invasion Using Remote Sensing Technology.*

- 5:00** Philip Savoy*, SUNY at Buffalo, *Multi-temporal analysis of saltcedar phenology in relation to fractional abundance.*

- 5:20** Le Wang*, SUNY at Buffalo, *Retrieval of Leaf Area Index of Invasive Tamarisk Using Landsat TM imagery.*

5566. Spatial statistics and network analysis (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Liberty 4, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Joni Downs, University of South Florida

CHAIR(S): Michael Tiefelsdorf, U of Texas at Dallas

- 4:00** Michael Tiefelsdorf*, U of Texas at Dallas, *Common and Residual Components in Pairs of Spatial Structures.*

- 4:20** Jing Yao*, Arizona State University; Alan T. Murray, Arizona State University, *Continuous surface representation and approximation: Spatial analytical implications.*

- 4:40** Joni Downs*, University of South Florida, *Generating probabilistic potential path trees.*

- 5:00** Peter Rogerson*, SUNY - Buffalo; Peter Kedron, University at Buffalo, *A Simple Adjustment for Testing Local Statistics Across Many Scales.*

- 5:20** Ikuho Yamada*, University of Tokyo; Atsuyuki Okabe, Aoyama Gakuin University, *New approaches to Moran's I test of spatial autocorrelation.*

5567. Economy-Energy-Climate Integrated Assessment Modelling, Data Analyses and Applications (Sponsored by Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Energy and Environment Specialty Group)

Room: Liberty 5, Sheraton, Third Floor (Paper Session)

ORGANIZER(S): Zheng Wang; Yongbin ZHU, Institute of policy and management, Chinese Academy of Sciences

CHAIR(S): Zheng Wang

- 4:00** Yongbin Zhu*, Institute of policy and management, Chinese Academy of Sciences; Zheng Wang, Institute of policy and management, Chinese Academy of Sciences, *Optimal paths of abatement and economic growth for China under the carbon intensity target and the according carbon emission trend.*

- 4:20** Zheng Wang*, Institute of Policy And Management, Chinese Academy of Sciences, Beijing, 100190; Shuai Zhang, Institute of Policy And Management, Chinese Academy of Sciences, Beijing, 100190, *A New RICE Cluster Model and Analysis on the Global Emissions Scenes.*

- 4:40** Yuyu Zhou*, Pacific Northwest National Laboratory; Allison Thomson, Pacific Northwest National Laboratory; Steven Smith, Pacific Northwest National Laboratory; Page Kyle, Pacific Northwest National Laboratory, *Greenhouse Gas Emissions Downscaling With Spatially Explicit Population and GDP Scenarios.*

- 5:00** Pankaj Lal, PhD*, Assistant Professor Environmental Economics and Policy, Montclair State University, *Modeling Bioenergy and Traditional Forest Industry Tradeoffs in the Southern United States.*

- 5:20** Adam Rose, University of Southern California; Dan Wei*, University of Southern California; Fynnwin, Prager, University of Southern California, *Aggregate and Distributional Impacts of California Global Warming Solutions Act on the California State Economy.*

TUESDAY, FEBRUARY 28 • 4:00 PM - 5:40 PM • 5500**5568. Urban Heat Islands**

Room: *New York Ballroom East, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher Fuhrmann

4:00 Magda Adelaide Lombardo, Magda Lombardo*, State of São Paulo University, *Impacts of climate changes in the megacities.*

4:20 Bruna Luiza Jesus, Bruna Jesus*, State of São Paulo University; Magda Adelaide Lombardo, Magda Lombardo, State of São Paulo University, *Heat island and perception study in Sao Paulo metropolitan area - SP - Brazil.*

4:40 Curtis Louis Walker*, University Corporation for Atmospheric Research SOARS Program; Michael Chapman, National Center for Atmospheric Research Research Applications Laboratory; Sheldon Drobot, National Center for Atmospheric Research Research Applications Laboratory, *An Analysis of the Sensitivity of Pavement Temperature to the Makeup of the Road Surface.*

5:00 Qun DAI*, School of Architecture, The Chinese University of Hong Kong; Ming LUO, Department of Geography and Resource Management, The Chinese University of Hong Kong; Marc Aurel Schnabel, Prof., School of Architecture, The Chinese University of Hong Kong, *Modeling Urban Heat Island by Integrating Environmental Information with Meteorological Observations.*

5:20 Chris Fuhrmann*, Southeast Regional Climate Center, University of North Carolina at Chapel Hill; Chip Konrad, Southeast Regional Climate Center, University of North Carolina at Chapel Hill, *A trajectory approach to analyzing the ingredients associated with heavy winter precipitation in central North Carolina.*

5569. Remote Sensing Techniques II

Room: *New York Ballroom West, Sheraton, Third Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Akira Kato

4:00 Brian Bunker, Masters Candidate*, Department of Geosciences, University of Arkansas / Center for Advanced Spatial Technologies (CAST); Jason A. Tullis, Associate Professor, Department of Geosciences, University of Arkansas / Center for Advanced Spatial Technologies (CAST); Jesse Casana, Associate Professor, Department of Anthropology, University of Arkansas / Center for Advanced Spatial Technologies (CAST), *Remote Sensing-assisted Multiscale Land Surface Phenology in the Northern Fertile Crescent.*

4:20 Shiguo Jiang*, The Ohio State University; Desheng Liu, The Ohio State University, *Evaluating Spatial Quality of Remote Sensing Image Classification Using Posterior Probabilities.*

4:40 Chen Shi*, SUNY Buffalo, *Incorporating Spatial Dependence In Spectral Unmixing: A Review.*

5:00 Benjamin Tuttle*, University of Denver / NGA; Paul Sutton, University of Denver; Sharolyn Anderson, University of Denver; Chris Elvidge, National Geophysical Data Center; Rebecca Powell, University of Denver, *Aladdin's Magic Lamp - Calibrating the DMSP-OLS with an Active Target.*

5:20 Akira Kato*, Graduate School of Horticulture, Chiba University, Japan; L. Monika Moskal, College of the Environment, School of Forest Resources, University of Washington; Tatsuaki Kobayashi, Graduate School of Horticulture, Chiba University, Japan, *Efficient and accurate measurement of stem volume using terrestrial LiDAR.*

5571. Cities and Climate Change Experimentation IV: drivers, dynamics and consequences (Sponsored by Energy and Environment Specialty Group)

Room: *Riverside Suite, Sheraton, Third Floor* (Panel Session)

ORGANIZER(S): Alex Aylett

CHAIR(S): Harriet Bulkeley, Durham University

Panelists: Michael Hodson, University of Salford; Joann Carmin, Massachusetts Institute of Technology; James Evans, University of Manchester; Daniel Hoornweg, World Bank; Alex Aylett

5573. CAT session II: Expressions of segregation in post-communist cities (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: *Madison Suite 3, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Michael Gentile, Umeå University; Szymon Marcinczak, University of Lodz

CHAIR(S): Tiit Tammaru, Institute of Geography, University of Tartu

Introducer: Tiit Tammaru

4:05 Szymon Marcinczak*, University of Lodz; Michael Gentile, Umeå University; Marcin Stepniak, Polish Academy of Sciences, *Residential Segregation Under Socialism and After in Metropolitan Poland.*

4:25 Kerli Müürisepp*, University of Tartu; Siiri Silm, University of Tartu; Rein Ahas, University of Tartu, *Ethnic Segregation in Daily Activity Spaces: A Mobile Positioning Based Study in Estonia.*

4:45 Lyudmyla Males*, Taras Shevchenko National University of Kyiv; Roman Cybriwsky, Temple University, Kyiv *in Transformation: The Geography of Expropriation of Urban Land, Buildings, and Social Space in Post-Communist Society.*

5:05 Harley E Johansen, Professor of Geography*, University of Idaho; Michele O'Neill, Professor of Finance, University of Idaho, *Ethnic Integration in Workplace and Community and Attitudes toward Citizenship: a Case Study of Macedonia.*

Discussant(s): Kadri Leetmaa, University of Tartu

5574. Geographical Approaches to the Political Economy of Law II (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Madison Suite 4, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Laam Hae, York University; Reecia Orzeck, University of Vermont

CHAIR(S): Laam Hae, York University

4:00 Alec Brownlow*, DePaul University, *of safety and sacrifice: the changing political economy of police discretion in the dispensation and distribution of law.*

4:15 Kathryn Wells*, Syracuse University, *The ones that failed: geographies of repealed laws.*

4:30 Rich Heyman*, University of Texas at Austin, *Confounding Legal Geographies: Eminent Domain and the Contradictions of Property.*

4:45 Adrienne Smith*, University of British Columbia, *The Activist who came into the Cold.*

5:00 Jeremy Fisher*, *Forestalling the Market: Law, Space, and Citizen Strategies in Early Republican New York.*

5575. Longing and Belonging: Geographies of Exile and Diaspora II (Sponsored by Political Geography Specialty Group, Landscape Specialty Group, Cultural Geography Specialty Group)

Room: *Madison Suite 5, Sheraton, Fifth Floor* (Paper Session)

ORGANIZER(S): Diana Ter-Ghazaryan; Patricia Price, Florida International Univ.

CHAIR(S): Diana Ter-Ghazaryan

4:00 Patricia Price*, Florida International Univ., *Mapping Memories: Cuban Exiles Navigate Home.*

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4:20 Holly Worthen*, University of North Carolina at Chapel Hill, *The Presence of Absence: renegotiating home in rural Mexico.*

4:40 Thomas Ptak*, University of Oregon, *Migration, Diaspora and Exile. A comparative analysis.*

5:00 Christina Maria West*, University of Mannheim, *How is remembering possible? - Identity Re-creation in Performing Arts and how Place Matters.*

Discussant(s): Joanna Regulska, Rutgers University

5577. Postsecular cities in an age of austerity: religion, spirituality, economic restructuring and urban change - a critical dialogue II (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: Park Suite 1, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Chris Baker, University of Chester UK; Justin Beaumont, University of Groningen

CHAIR(S): Justin Beaumont, University of Groningen

4:00 Johan Andersson, Dr*, Leeds University; Gill Valentine, Professor, Leeds University, *Picturing the poor: postsecular welfare in austerity Britain.*

4:20 Pooyan Tamimi Arab*, Utrecht University, *Spatial tensions and houses of worship in Rotterdam.*

4:40 derrick l. watson, BSc.(Hons.) BArch. RIAS BD(Hons.)*, University of Chester, *Colour, writing, secret places: developing street 'iconographies' of precarity as body-of-Christ actions through the urban site.*

5:00 Ann Shafer, Ph.D.*, American University in Cairo, *Zawiya: An Architecture of Resistance in Postsecular Cairo.*

Discussant(s): Paul Cloke, University of Exeter

5578. SLEUTH Symposium III: After 15 years with the SLEUTH model, what we've learned and where we're headed (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Park Suite 2, Sheraton, Fifth Floor (Panel Session)

ORGANIZER(S): Claire Jantz, Shippensburg University; Gargi Chaudhuri

CHAIR(S): Claire Jantz, Shippensburg University

Panelists: David Donato, United States Geological Survey; Brian D Lee, University of Kentucky; Jeffrey Onsted, Florida International University; Scott A Drzyzga, Shippensburg University

5579. Urban river water quality and environmental ecosystems

Room: Park Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Jingyu Wang, Bronx Community College/CUNY, Dept of Chemistry & Chemical Technology

CHAIR(S): Jingyu Wang, Bronx Community College/CUNY, Dept of Chemistry & Chemical Technology

4:00 Jingyu Wang, Lehman College/CUNY, Environmental Geographic & Geological Sciences Dept; Jingyu Wang*, Bronx Community College/CUNY, Dept of Chemistry & Chemical Technology, *How combined sewer overflows (CSOs) affect an urban river's water quality and environmental ecosystem.*

4:20 Cameron C Lee*, Kent State University; Scott C Sheridan, Kent State University; Doug Pirhalla, NOAA; Varis Ransi, NOAA, *Relating Chlorophyll Levels near the Florida Gulf Coast to Regional Synoptic Sea Level Pressure Patterns.*

4:40 Karigomba Wilbert*, North West Arkansas Community College, *A Cost-effective Approach to Watershed Management.*

5:00 Tao Zhang*, Michigan State University; Daniel B. Kramer, Michigan State University; Kendra Spence Cheruvellil, Michigan State University; Arika Ligmann-Zielinska, Michigan State University; Patricia A. Soranno, Michigan State University; Mary Tate Bremigan, Michigan State University, *Cost-benefit analysis of conservation in riparian areas under different criteria.*

5580. Connections among Environmental Stewardship and Land Cover in Urban Ecosystems (Sponsored by Urban Geography Specialty Group)

Room: Park Suite 4, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Erika Svendsen, USDA Forest Service

CHAIR(S): Erika Svendsen, USDA Forest Service

4:00 Dexter H Locke*, USDA Forest Service Northern Research Station; J. Morgan Grove, PhD, USDA Forest Service Northern Research Station; Jarlath O'Neil-Dunne, University of Vermont, Spatial Analysis Lab; Jacqueline W.T. Lu, City of New York, Department of Parks and Recreation, *Tree Canopy Assessment and Prioritization Tools: Helping Cities Achieve their Sustainability Goals through Geospatial Analysis and Collaborative Decision-making Techniques.*

4:20 Erika S. Svendsen, Ph.D*, USDA Forest Service; James J. Connolly, Columbia University; Lindsay K. Campbell, USDA Forest Service and Rutgers University; Dana R. Fisher, Ph.D, University of Maryland, *The Dynamic History of Civic Environmental Stewardship in NYC.*

4:40 Michele Romolini*, University of Vermont; Morgan Grove, USDA Forest Service; Dale J. Blahna, USDA Forest Service; Kathleen Wolf, University of Washington, USDA Forest Service; Daniel Krymkowski, University of Vermont; Christopher Koliba, University of Vermont; Curtis Ventriss, University of Vermont, *An Evaluation of Environmental Stewardship Networks in Baltimore and Seattle.*

5:00 Jacqueline W.T. Lu, New York City Department of Parks and Recreation; Christopher Small, Lamont Doherty Earth Observatory, Columbia University; Kristen L. King*, New York City Department of Parks and Recreation; Dexter H. Locke, USDA Forest Service Northern Research Station; Jessie Braden, Pratt Center for Community Development, *Mapping and Exploration of Spatiotemporal Vegetation Change and Urban Environmental Stewardship in New York City (1990-2010).*

5:20 James Connolly*, Columbia University; Erika S Svendsen, USDA Forest Service; Dana R Fisher, University of Maryland; Lindsay K Campbell, USDA Forest Service, *Organizing Urban Ecosystem Services through Environmental Stewardship Governance in New York City.*

5581. Placing Justice and Struggle in Transportation Studies (Sponsored by Socialist and Critical Geography Specialty Group, Transportation Geography Specialty Group)

Room: Park Suite 5, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Kafui Attoh, Syracuse University; Jacob Shell, Syracuse University

CHAIR(S): Jacob Shell, Syracuse University

4:00 Laurel Paget-Seekins*, Partnership for Southern Equity, *Inequity in Atlanta: The Mismatch between Transportation Infrastructure and Poverty.*

4:20 Kurt Iveson*, University of Sydney, *Making public transport public: the Sydney Alliance campaign for a passenger charter in Sydney, Australia.*

4:40 Kafui Attoh*, Syracuse University, *"Please stand behind the yellow line when the bus is in motion." A Tale of Two Unions.*

5:00 Jeremy Anderson, PhD*, ITF, *'A win-win for unions?' Public transport and the politics of climate change.*

5:20 Jacob Shell*, Syracuse University, *"Placing Hydra in Chains: Political Fears of Subversive Smugglers and Transport Workers".*

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Presenting author(s) are indicated with an asterisk ().*

For special events, please see the Special Events & Meetings Summary on p. 36-38.

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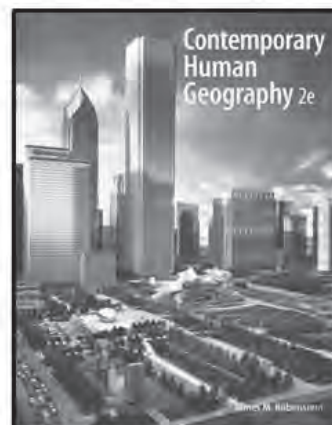
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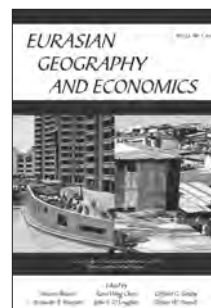
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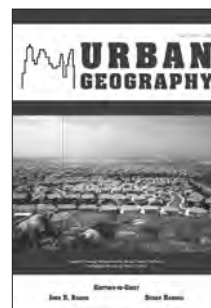
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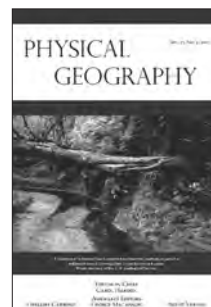
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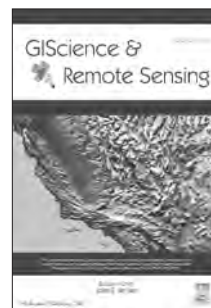
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