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 Horch*, 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):** Harvey Neo, National University of Singapore; Niklas Elert, Dalarna University; Niklas Rudholm*, Dalarna University, New Start-ups and Firm In-migration -- Evidence from the Swedish Wholesale Trade Industry.

- **8:40** Maria A Tucker*, University of Reading, Geography of Public Expenditure: The spatial imagination of New Labour’s Treasury, 1997-2010.

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, University of Southern Mississippi, Assessing the Effects on Local Service Provision when Hostig Evacues.
- **8:40** Bandana Kar, Ph.D.*, University of Southern Mississippi, What If Tropical Storm Irene was Hurricane Katrina or Ivam?.
- **9:00** Deborah Thomas*, University of Colorado Denver; Debra Krebsig, 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.
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: Concours G, Hilton, Concours 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-Juan B. Su, Professor*, National Taiwan Normal University, Creating Communities to Build Local Sustainability: a Geopark Case in Penghu Archipelagos, Taiwan.
8:20 Andrew R Pflug*, 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 Busciclan, 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 Ribgy, 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 Amstderam, 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 Dundee; Penny Wollohnh, 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

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, Brich 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.
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 
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 Meyerhofer*, 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; Timothy Blasé, Quest Diagnostics; Michael Ziolkowski, Ingram Micrew, 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 Weber*, University of British Columbia, Climate Change Adaptation as Biopolitics.
8:30 Monica Tennen, 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

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 Coabled 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.
8:40 Katherine Mary Stewart*, IGES, Aberystwyth University, Geographies of Craft and Crafting: Critical Perspectives on the Transition Culture movement.

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 Dufy-Jones, University of Western Sydney 
CHAIR(S): Helen Jarvis, University of Newcastle Upon Tyne 
8:00 Rae Dufy-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
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 Bjørn 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 Teleme, 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
8:00 Chris Courtethyn*, UNC Chapel Hill, "Memory is the strength of our resistance": Geographies of peace in Colombia.
8:20 Teo 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.

2125. Just Development I
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.
8:40 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 I (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 Woa*, George Mason University, Measuring local segregation: a revisit.
8:20 Ian Shuttleworth, Archaeology and Palaeoecology, QUB, Belfast; John Osth*, 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.
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 Gremnor*, 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): Tony 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 Radl*, Ball State University, Forging democracies: The territorial practices of state making and war diffusion in post-Cold War Africa.
9:20 Tony 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
Room: Green Room, Hilton, Fourth Floor (Paper Session)
ORGANIZER(S): Nick Gill, Exeter University; Deidre Conlon, Emerson College
CHAIR(S): Nick Gill, Exeter University
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 Deidre 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 Archeaotourism 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 Hibbleter*, 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, Cincinnati University; Timothy Martinson, Cornell University, GIS Applications for Vineyard Site Selection in New York, A Marginal Climate for Cold-Tender Wine Grapes.
**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 Hutrya, 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 Akivumi, 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.

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**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

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**2143. 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

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**2144. 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

**8:00** Cary Karacas, College of Staten Island, Introduction: Cary Karacas

**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, Regional and National Perspectives

**9:16** 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.

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**2145. 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

**CHAIR(S):** Cary Karacas, College of Staten Island

**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, Regional and National Perspectives

**Discussant(s):** Claire Rasmussen, University of Delaware

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**2146. Participatory GIS in the Global South:** (Sponsored by Geographic Information Science and Systems Specialty Group, Participatory GIS Specialty Group)

**Room:** New York Suite, Hilton, Fourth Floor (Paper Session)

**ORGANIZER(S):** Maynooth, Breaking barriers of knowledge with Participatory GIS.

**8:40** Marketta Kyttä*, 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
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, GLScience, 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 (EOT) 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, GLScience, 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 Kanasas, 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, Friendying 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 I (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
8:20 Marissa Taddie, MPH*, University of Utah, Department of Geography; Jim VanDerslce, 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 Dasymetrically Apportioned Population Model for Environmental Exposure Estimates.
9:00 Eddie Bright*, Oak Ridge National Laboratory; Amy Rose, Oak Ridge National Laboratory; Eric Weber, Oak Ridge National Laboratory; Jessica Moei, 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 capitals: 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 Reborattis
CHAIR: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 Sutter*, 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. Martín, 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 Territorial and Splintered Movements: Remaking the Concept of TPNIS in Bolivia. Discussant(s): Anthony Bebbington, Clark University
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; Alison 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 Nust*, University of Kentucky, "Where to Have it": Defetishizing Local Foods.

Discussant(s): Elizabeth R. Johnson, University of Minnesota - Minneapolis

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 Marlama NaShae Prater*, Eastern Kentucky University, Retail Drinking Water Shelf Space as a Measure of Perceived Water Quality in Southern Appalachia.

8:20 Allison N Woehe*, 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.


8:35 Patricia I. Beyer, Ph.D.*, Bloomsburg University, Masings 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.

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 cost 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 Diarrhoeal Disease Research, Bangladesh; P Kim Straitfield, International Centre For Diarrhoeal Disease Research, Bangladesh; Alexander van Geen, Columbia University, Impact of deep tubewells on childhood diarrhea in Bangladesh.

8:00 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 Marlama NaShae Prater*, Eastern Kentucky University, Retail Drinking Water Shelf Space as a Measure of Perceived Water Quality in Southern Appalachia.

8:20 Allison N Woehe*, 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.


8:35 Patricia I. Beyer, Ph.D.*, Bloomsburg University, Masings 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*, Durham University, Imperfect: Kosovo and Temporality: 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 Boairight, CUNY Graduate Center; Abraham Walker, CUNY Graduate Center
2159. Hydroclimatology I (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.
8:20 Aaron M Polycka*, Michigan State University; Jeffrey A. Andersen, 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 Global Change, 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 Change 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 of 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 Codding, 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; Ibipio Johnston-Anunonwo, SUNY Cortland; Veronica Ouma, Hofstra University
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 Atteer Patel*, University College London, A Crowd Simulation converging Macro and Micro-sopic 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.

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 Atteer Patel*, University College London, A Crowd Simulation converging Macro and Micro-sopic 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 Xaxi’lp 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-Pevenche communities in Alto Bío-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
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.
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.
8:48 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 Boome*, NC State University, Cellphone Diaries: Mobile Technology and Community-Authored Digital Videos in Asset Mapping.
8:40 Brent McCusker*, West Virginia University, Dialectical Remote Sensing.

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. Pipps*, University of Windsor, How to Fight School Closures.
8:40 Paivi Lujala*, Dept. of Geography, Norwegian University Science and Technology; Jirne 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 KECELL*, University of Oklahoma, Effects of Rapid Urbanization On Old and New Neighborhoods: In Case of Livability.
9:20 Sheila Wilson, PhD, GIS*, GIS Certification Institute, GIS - Just a Tool.

2170. Visual methodologies in geographies of children and young people I
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 Pyryy, 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 nature of waste production and disposal.
9:00 Zsusza Gille*, University of Illinois, The material foundations of waste ethics.
2172. Geographies of Voluntarism and Philanthropy: Spaces of Giving (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 - I (Sponsored by Remote Sensing Specialty Group, Cryosphere Specialty Group)

Room: Madison Suite 3, Sheraton, Fifth Floor (Paper Session)

ORGANIZER(S): Shrinidhi Anbilakudige, Mississippi State University

CHAIR(S): Shrinidhi Anbilakudige, 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.


8:40 Masam 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.


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.


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 Sedel*, 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.


9:00 Galen Murton*, Fletcher School of Law and Diplomacy, Tufts University, The Himalaya Complex: Roads and Conflict in High Asia.
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 Thier 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.

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 Hodbold*, Tyndall Centre for Climate Change Research, Biofuels as a Perturbation to the Resilience of Food Systems.
8:40 Shaun RUYSENAAR, University of Edinburgh; Shishrusri 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 Deschenes, 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 Deschenes*, University of Education, CLLL (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

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.
SATURDAY, FEBRUARY 25 • 10:00 AM - 11:40 AM • 2200

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): Debashis Mukherjee, Western Washington University

10:00 Debashis Mukherjee*, Western Washington University; George Pomeroy, Professor, Shippenburg 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 Nyogi Dev*, Purdue University, Urban impacts on heavy rainfall processes over Indian monsoon region.

11:00 Taheer 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 Greenough*, Queen Mary University of London, Catching Colds with Cangulilhem: A vitalist approach to archived histories of rhinoviral and coronaviral research.

10:40 Kathryyn 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.


2203. Art, Science and Environment

Room: Concourse C, Hilton, Concourse Level (Paper Session)
ORGANIZER(S): Harriet Hawkins; Mrill Ingram, University of Arizona
CHAIR(S): Sallie Marston, University of Arizona

11:20 Aneta Piekut*, University of Leeds, Social diversity and attitudes towards difference. Discussion(s): Kurt Iveson

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, Upgrading Regional Value - 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’s University

10:00 Joseph P. Stolman*, Western Michigan University, United Nations and UNESCO: Their Roles in Geography Education.

10:20 Meghan Brooks, PhD, ABD.*, Queen’s 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. Siebenick*, University of North Texas, Do I Make Myself Clear: Warning Messages and Household Response.

10:20 Olufemi A Omitaomu, PhD.*, Oak Ridge National Laboratory; Steven J. Fernandez, PhD., Oak Ridge National Laboratory; Supriya Chinthavali, Oak Ridge National Laboratory; Jeffrey B. Kodysh, Oak Ridge National Laboratory, Energy Awareness and Resiliency Standardized Services (EARS) - 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.
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.  

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, 1. 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 University, 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 Benson, 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 equalsday": when historical geography and environmental history diverged.  
10:20 Craig E Colten*, Louisiana State University, Environmental Historical Geography Since The American Environment.  
11:00 Martin Melesio*, 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

Room: Murray Hill Suite A, 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.
10:40 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. 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, Car bodies: Sounds, rhythms and preferences for private transport.
10:20 Michelle Duffy*, Monash University; Theresa Harada, University of Wollongong; Gordon Waitt, University of Wollongong, "Margins: Gastronomic Desire and the Struggle for "Good" Food.
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.
10:40 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 Dufty-Jones, University of Western Sydney

CHAIR(S): Rae Dufty-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.
11:00 Kaj Zimmerbauer*, University of Oulu, Supranational identities in planning: Case study of Parents region.
11:20 Thomas Christoffel*, Regional Community Development News, A Regional Community and Political Geography: A Proposed Scale for Regions.

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?
10:40 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.

Discussion(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
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 Rimpmeester*, Brock University, Caught between deindustrialization and the creative economy: intangible heritage and the working class in St. Catharines, ON.
10:56 Danielle Drozdzewski*, 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*, Keble Ulmiversity, 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.

Discussion(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 Malmbarg, Stockholm, UCLA; 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 Malmbarg, 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 Cronn, 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.

Discussion(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 Tarasuyk, PhD*, Livr Research Institute of Epidemiology and Hygiene; James L. Tobias, MS, GISP, Northrop Gruman; Alla Verbinets, PhD, Livr Research Institute; Nataliya Hretchukha, PhD, Livr Research Institute; Volodymyr Zavyalkin, PhD, Livr Research Institute; Rotislav Pavlyi, PhD, Livr 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 Gruman; Oleksandra Tarasuyk, PhD, Livr Research Institute; Halyna Shishka, PhD, Livr Research Institute; Alla Verbinets, PhD, Livr Research Institute; Volodymyr Zavyalkin, PhD, Livr Research Institute; Oleksandra Pavlenko, PhD, Livr Research Institute; Rostislav Pavlyi, PhD, Livr 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.

Discussion(s): Caitlin Merzluft, CDC
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. Melchiori*, 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 at Urbana Champaign, Preliminary Investigation of Near-Out-Downstream 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*, Iude-Ucm; Enara Echart Muñoz, Iude-Ucm, Migrations and Social Movements: Constructing Social Practices Beyond Borders.


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, Ethnographic 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"?


10:40 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.


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 (Panel Session)

ORGANIZER(S): Gregory Jones, Southern Oregon University

CHAIR(S): Gregory Jones, Southern Oregon University

10:00 Myrna Hall*, SUNY College of Environmental Science and Forestry; Charles A.S. Hall, PhD, SUNY College of Environmental Science and Forestry, Positioning Rust Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban.


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): Heejuin 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
2244. Children and the Environment I: Mobility (Sponsored by Health and Medical Geography Specialty Group, Transportation Geography Specialty Group)

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

ORGANIZER(S): Rakim Mitra, University of Toronto; Kristian Larsen, University of Toronto

CHAIR(S): Rakim 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, BHS(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, BHS(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 Rakim 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

10:01 Bart Lambréga*, 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.


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 Quiquivix*, 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.


10:40 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.


10:40 Zachary Christman*, Middlebury College; Hamil Pearsall, Clark University, Geographic Information Providers and Crisis Response during Hurricane Irene.

11:00 Ian Parritt, 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.
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

**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; Cryosphere Specialty Group

**CHAIR(S):** Jessica Hayes-Conroy, Hobart & William Smith Colleges; Renata Blumberg, University of Minnesota

**10:00** Nicholas Nagle*, University of Tennessee

**10:40** 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.

**11:00** Svetlana 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.


**12:00** 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 Reboutari

**CHAIR(S):** Stephen Aldrich

**10:00** Carlos Reboutari*, University fo Buenos Aires, Paper mills and mining in Argentina.

**10:20** Lorenzo Pellegrini*, International Institute of Social Studies, Erasamus University Rotterdam, Environment and development after the 'Left Turn' in Bolivia and Ecuador: old wine in new bottles?.

**10:40** Maria Célia 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

**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 Harpentina*, 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 Dakotas.

**10:15** Xuebin Yang**, Peking University, University of Texas at Austin, The Validation of ALBEDO for MODIS.
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 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 Grandstein*, 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; Linda 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 Hessl, 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 Kipfmuller, 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.
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-Tumasz, Rutgers University

Panelists: Jennifer Bjerkje, Rutgers; Sarah Smiley, Kent State University at Salem; Hilary Hungerford, University of Kansas; William Y. Osei, Algoma University

2262.  Agent-Based Models and Geographical Systems: Applications

Room: Carnegie Suite West, Sheraton, Third Floor  (Paper Session)

ORGANIZER(S): Mark Birkin, University of Leeds; Andrew Crooks, George Mason University

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 Quisheng 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; Quisheng 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.


11:00 Herman Kok*, Multi Development, Malling of Turkey: Dynamics in retail location hierarchy.


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 Discussion)

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 Kim, MIT; Matthew W. Wilson, University of Kentucky; Kofi Boone, NC State University

Panelists: Wen Lin, University of Wisconsin-La Crosse; Annette Williams, University of Kansas; William Y. Osei, Algoma University; Shunlin Liang, University of Maryland; Dongdong Wang, University of Maryland; 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; Karina Jimenez, Binghamton University; Kevon Rhiney, University of the West Indies - Mona; Kushnood Haq, Dr.*, D'Youville College; Herman Kok, Multi Development; Gordon M Winder, Professor Dr.*, LMU-Munich; Jennifer L Titanski-Hooper, Penn State University; Kara Dempsey, DePaul University; Stephanie Wilbrand, University of Girona; Toby M Applegate, Rutgers; Richard L Wolfel, US Military Academy; Katherine Jones, King's College London; EU Cultural Policy, European Imaginations, and the European Capital of Culture Programme.
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; Chih 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 watershed of western Taiwan.  
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 Wridt, 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 Staelhi, 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 Yucatan’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 Metabolizations of Electronic Waste (WEEE).  
10:40 Vicki Mavrákis, 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.  

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):** Shriniidhi Ambinakudige, Mississippi State University  
**CHAIR(S):** Shriniidhi 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; Hasaan 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 Latteman, 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; Regina 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.
162 • Association of American Geographers

SATURDAY, FEBRUARY 25 • 10:00 AM - 11:40 AM • 2200

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 Grubbsström*, 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
(Paper Session)
Room: Madison Suite 5, Sheraton, Fifth Floor
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 australisL. 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.
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
Room: Park Suite 1, Sheraton, Asian Geography Specialty Group, Transportation Geography Specialty Group
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.
10:25 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.
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

11:00 Liem T Tran*, University of Tennessee at Knoxville, Predicting Annual Nitrogen Load with Regional Hydrologic Modeling for Environmental Evaluation (RHyMÉ2) Model.

11:15 Andrew Muller, Ph.D.*, United States Naval Academy, Spatio-temporal evolution of hypoxia in the Chesapeake Bay.


11:45 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.

12:00 Feng Pan*, UTK, Assessing the performance of the AnnGISNPS model for ungaged small watersheds - a case study of the St. Croix River watershed.

12:15 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

11:00 Elizabeth Fortin, Dr, University of Bristol; Roy Maconachie, Dr*, University of Bath, Standardizing ‘new agriculture’ for development: Biofuels and agrarian change in Sierra Leone.

11:20 Theresa Sefia, Dr.*, SUNY ESF, Developing Certification Indicators for Sustainable Biofuels: A New Green Imperialism.

11:40 Robert Bailis*, Yale University; Jennifer Baka, Yale School of Forestry, Constructing Sustainable Biofuels: Governance of the Emerging Biofuel Economy.

12:00 Jacob Nordangård*, Linköping University, The role of transnational corporations in the formation of a European Biofuel Policy - The Case of Unilever.

12:20 Abigail Martin, PhD Candidate*, University of California-Berkeley, Environmental Justice in Global Ethanol Value Chains: Brazil and the United States.
11:40 AM - 12:50 PM

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

233. 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

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.
SATURDAY, FEBRUARY 25 • 12:40 PM - 2:20 PM • 2400

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
1:00 Karen C. Seto*, Yale University, Urban Growth and Growing Vulnerability to Extreme Weather in Asian Mega Deltas.
1:20 Anthony Brael*, Arizona State University, Review of recent urban climate studies and 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 Brael, 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
Discussant(s): Anthony Brael, Arizona State University

2403. Lewisian Landscapes: 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 Pythrech, Miami University; Richard Schein, University of Kentucky
CHAIR(S): David Pythrech, 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".
1:40 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, Recession, Human Capital, and Physical Capital Matter?
1:00 Jayson J Funke, Ph.D.*, Clark University, Financializing the World: The International Finance Corporation and

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; Sutan 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): Paul J Maginn, University of Western Australia; Christine Steinnetz, 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.
Discussant(s): Phil Hubbard, University of Kent

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 Steinnetz, 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.
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

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.

1:20 Financial Institution Building Across Global Space.

1:40 Enzo Joseph Crescentini*, Western Michigan University; Enzo Joseph Crescentini, Western Michigan University, Foreign Direct Investment in Italy 1995 - 2010: Spatial Patterns and Implications.
2:00 Leila Dias, PhD, Geography*, Universidade Federal de Santa Catarina, Spatial reorganization of banking networks in Brazil: adaptive and innovative processes.
SATURDAY, FEBRUARY 25 • 12:40 PM - 2:20 PM • 2400

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 Rena 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 Llata, 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 Freken, 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
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.
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, Intervening Post-Democracy: The Right to the City and the Reclamation of Equality.
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 Ogerta*, 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 Quinlin*, King's College London, Embracing the virtual world: Cyberspace as field
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

**Discussant(s)**: Nik Heynen, University of Georgia


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

**ORGANIZER(S)**: Mazen Labban, Rutgers University

**SPEAKER(S)**:
- **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

**SPEAKER(S)**:
- **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

**SPEAKER(S)**:
- **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 culture.
- **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.

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

**SPEAKER(S)**:
- **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.

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
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 Merril*, West Virginia University, Hemlock Legacy Project (HeLP): Collecting and Archiving Tree-Ring Data from Old-Grown 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, Brettan 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 Bapikpee*, University of Minnesota - Minneapolis, Climate change, water issues, and public health.


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; jaqguo qi, Michigan State University, iam 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; Tihos Kodatinov, 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; Inn 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 Snyder, 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 Trelines 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 Indian Paintbrush 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.
2423. Unnatural Neoliberalisms? Debating 'Post-Neoliberalism' and 'Alternatives' to Neoliberal Natures (Sponsored by Critical Geography Specialty Group, Economic Geography 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  
**Panel 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.**

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 Adeney, Keele University  
**12:40 Derek McCormack, Dr.*, University of Oxford; Peter Adeney, Dr., Keele University, The geographies of economic affects.**

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.**

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, Texas A&M University  
**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.**

2012 Annual Meeting Program • 169
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 Intervisualism 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.
1:40 Louise Waite, Dr*, University of Leeds, Precarious Lives: Asylum Seekers and Refugees’ Resistance Within Unfree Labouring.
Discussant(s): Diane Richardson, Newcastle University, UK
12:40 PM - 2:20 PM
1:00 Billie Giles-Corti*, The University of Melbourne; Gina Trapp, BHS(Hons), The University of Western Australia; Vince Learmonth, 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?

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; Bardan 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; Chengguan Huang, University of Maryland, Assessment of forest disturbance and biomass flux across the conterminous U.S.
2:00 Bardan 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 Studer*, 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 Christopher Williams, Clark University, Beyond Treaty Dynamics in South Asia.

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 Birkenholz*, 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 Poor-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.
Discussant(s): Trevor Birkenholz, Rutgers University

2442. New Directions in Political Ecology 1: 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
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
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


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 Yu*, 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; Hirono Nishiyama, Graduate Student, Meiji University; Mikoto Kukimoto, JSPS Research Fellow, Tokyo Metropolitan University; Hui 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.


12:58 Jordan Left*, Hunter College; Rob Elleto, Hunter College; Pawel Zablocki, Hunter College; Marcus Villasenor, Hunter College, Examining the Solidarity Economy using Geographic Information Systems.

1:03 Sarah Scadiffio*, Hunter College; Adele Balderson, 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
2448. Geospatial Ontology and Knowledge Management I: image processing, visualization, and cognitive engineering
(Sponsored by Cyberinfrastructure Specialty Group, GLScience, 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): Leping Di, George Mason University
12:40 Heath Robinson, Ph.D.*, University of South Florida, A Theory of Social Agenticity 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 Composable Human Language.
2:00 Leping 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 Southcot*, 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 Streleisky, Department of Geography, George Washington University, From Prominence to Collapse to Sustainable Development: The Past, Present, and Future of Igarka.
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 Kliksey, 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, Université 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 Telemm, 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 Geographies of the Peripheries: the Case of the Bolivian Community in Buenos Aires.
1:40 Ricard Moren-Alegret*, Universitat Autonoma de Barcelona; Dawid Wladyka, Universitat Autonoma de Barcelona; Albert Mas, Universitat Autonoma 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.
1:40 Stefan Dormans*, Radboud University Nijmegen; Arnoud Lagendijk, 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
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

2455. 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

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  
12:45 Kate J. Darby*, The Pennsylvania State University, Geog 493 - Environmental Issues Across the Americas.

Room: Central Park West, Sheraton, Second Floor (Paper Session)  
ORGANIZER(S): Joumi Hakli, University of Tampere; Merje Kuus, University of British Columbia  
CHAIR(S): Merje Kuus, University of British Columbia  
12:40 Martin Müller*, Universitét St. Gallen, Opening the black box of the organization.

2458. 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.

2459. 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.

2460. Health Poverty and Place in Ghana-I (Sponsored by Human Dimensions of Global Change Specialty Group)  
Room: Lenox Ballroom, Sheraton, Second Floor (Paper Session)  
ORGANIZER(S): John Weeks, San Diego State University  
CHAIR(S): John Weeks, San Diego State University  

2461. 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  

2462. 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
2462. Agent-Based Models and Geographical Systems: Decision Making (Sponsored by Human Dimensions of Global Change Sustainability 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; Mariam 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 House, 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-Ethnics and Family for the Neighborhood Choices of Immigrants.

1:45 Jacqueline Housel*, Miami University, Finding home? The Ahtiska 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 Sustainability 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 Miller, Murray State University

2466. City Habitat: Urban Ecologies and Ethical Habitation (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 Cedid, University of Illinois

CHAIR(S): Patrick Gallagher, University of Connecticut


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...
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; Yahao 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 (DDRI) 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, Franz 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?.

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.
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.
2474. **Chinese urban spatio-temporal developments in perspective I**  
**Room:** Madison Suite 4, Sheraton, Fifth Floor (Paper Session)  
**ORGANIZER(S):** Martin Djist, Utrecht University; Donggen Wang, Hong Kong Baptist University  
**CHAIR(S):** Martin Djist, 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 Djist, 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 Djist, Utrecht University, ICTs, Activity-travel Pattern and Household responsibility: An Empirical Study on International Comparisons.  
1:40 Yafei Lii*, Utrecht University; Martin Djist, Utrecht University; Stan Geeman, 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  
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.  
1:40 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.  

1:15 Jiangfan Fu*, Peking University; Canfèi 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.  
1:30 Qian Di*, Pennsylvania State University, Research on Geographic Concept Learning based on Wikipedia.
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.  
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  
1:00 Shekhar Krishnan*, MIT Program in Science Technology and Society, Open Historical Map.  
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.  
2:40 p.m. - 4:20 p.m.

2501. What should be taught in high school geography?

**Room:** Concourse A, Hilton, Concourse Level  
**Organizer:** Clare Brooks, Institute of Education  
**Chair:** 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?.
- **3:40** 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  
**Organizer:** Lowri M Jones, School of Geography, University of Nottingham; Stephen Daniels, University of Nottingham  
**Chair:** 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. Lewisham Landscapes II: Axioms for Re-Reading Cultural Geography (Sponsored by Landscape Specialty Group, Cultural Geography Specialty Group)

**Room:** Concourse C, Hilton, Concourse Level  
**Organizer:** David Prytherch, Miami University; Richard Schein
**Chair:** 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  
**Organizer:** Philip Ashton, University of Illinois-Chicago; Kathe Newman, Rutgers University  
**Chair:** 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  
**Organizer:** Candida Mannozzi, Association of American Geographers  
**Chair:** Patricia A. Solis, Association of American Geographers  
**Panelists:** Carmelle J. Terborgh, Esri; Thomas R. Loveland, United States Geological Survey; Ashish Kumar 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  
**Organizer:** Andrew Jones, Birkbeck University of London; Patrik Ström  
**Chair:** 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 Karremans, 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  
**Organizer:** Paul J Maginn, University of Western Australia; Christine Steinmetz, University of New South Wales  
**Chair:** 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: Boushir, the quartier réservé de Casablanca.

Discussant(s): Petra Doan, Florida State University
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
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
3:00 David Madden*, Institute for Public Knowledge, New York University, The Contentious History of Global Urban Public Space.
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: Gilson 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.
3:25 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; Selina Sultana, University of North Carolina-Greensboro; Elizabeth Rapoport; Samuel Mössner, Dept. of Cultural Geography

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.
3:40 Terence Young*, California State Polytechnic University-Pomona, "The Cord that Binds the Necklace": The Development and Meaning of the Pacific Crest Trail.
4:00 Larry M. Dilsaver*, University of South Alabama, Creating a Threatened Preserve: Joshua Tree National Park.
2518. 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. Lakshmanan (2006); William L. Garrison (2007); Marilyn Brown (2008); Kingsley Haynes (2009), and, Robert B. Honea (2011).

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 Steive*, 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

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
3:20 Mamadou Y S Coulibaly*, University of Wisconsin Oshkosh; Jennifer Haegeler, 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 Hopp*, 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: Rhetlandler Gallery, Hilton, Second Floor (Poster Session)
ORGANIZER(S): Program Committee
CHAIR(S): Azalea Judith Ortiz Rodriguez
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,
Clair 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; Nurgil Karloqlu, University of Istanbul, “Mad Honey” and the Pollen Content in Caucasian Honeybee Bee Pollen.

John Richard Stepp*, University of Florida, Visualizing Biocultural Diversity.

Robbie Munro*, 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 Urmuestetter*, 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® 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 Alajuela 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 Cruschel, Keene State College; Nicole Pympton, 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 Ogunjemioyi, 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*, Calif State University Fresno; Brenda Osborne, Department of Geography, California State University, Fresno;alam Hassan, 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 Skalanes.

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 F 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 Species in Rural Africa.

Michael Lewis*, Emporia State University; James Aber, Ph.D., Emporia State University, Modified Brove 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
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. 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. 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.

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, Conjouring the world-class future: On the performance of poverty projections in India.
3:40 Georgie Urry*, Bristol University, Neither Presencing nor Absencing: the damping 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 Hurt*, 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 Hurt, University of Maryland; Ralph O Dubayah, University of Maryland; Chengguan 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
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 Gineralp, Texas A&M University; Frank Engel, University of Illinois
CHAIR(S): Inci Gineralp, Texas A&M University
2:40 Anthony Filippi*, Texas A&M University; Inci Gineralp, 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
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: Tamáulipas 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 Alpe Ecosystem.
3:00 Warren B. Cochrane*, PNW Research Station, USDA; Dirk Pfugmacher, 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; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, Oregon State University; Alissa Moses, Oregon State University; William Clark, Oregon State University; Zhiqiang Yang, 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; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University; Karen Schleeweis, University of Maryland; Todd Schroeder, US Forest Service; Gretchen Mossen, US Forest Service; Robert Kennedy, Oregon State University.

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 Coutur*, 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.
3:40 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 Ozcevit
CHAIR(S): Banu P. Gokariksel, University of North Carolina, ORGANIZER(S): Hulya Arik, York University; Hilal Ozcevit
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.

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.
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.

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

3:00 Joshua Muldavin*, Sarah Lawrence College, Land from the Tiller: China’s role in global processes of land dispossession.
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 Massada, 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 Raphael*, University of Lyon, The models of urban sustainability and the sustainable urban projects in the Tôkyô Metropolitan Government plans: the turn of the 2000s.
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, GISScience, 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; Quyning 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.
3:26 Bohua Ling*, University of British Columbia, Urban Real-time Environmental Data Acquisition Using the Mobile Mapping System.
3:40 Alexander S. Nossum*, 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
2548. Geospatial Ontology and Knowledge Management II: Earth science ontology (Sponsored by Cyberinfrastructure Specialty Group, GI Science, 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 Jean-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.


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; Jiaming Cai, Chinese Academy of Sciences, China's Shifting Urban System - New Dynamics: What the 2010 Census Tells Us.


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 J, Sheraton, Lower Level (Panel Session)
ORGANIZER(S): 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.


3:40 Ted Mutersbaugh*, University of Kentucky; Lauren Martin, University of Oulu, Finland, Protocols, neoliberalism, disassembly.


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
SATURDAY, FEBRUARY 25 • 2:40 PM - 4:20 PM • 2500

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, 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, *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 Quimina 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, *Spatial Variation in Snow Albedo in Relationship to Satellite-based Albedo Retrievals.*

2557. **Geographies of Conflict and Potential Conflict**

*Room:* Central Park West, Second Floor (Paper Session)

**ORGANIZER(S):** Ronald 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.*


**3:40** Michael McIntyre*, DePaul University, *Arche, hegemonia, and the Thucydidean world.*

**4:00** Ronald da Silva*, UFG, *The Geopolitics of South American Integration: the growing diversities 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 East, 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.*

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’.*


**3:18** 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


**3:00** Lasse Møller-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.*


**3:40** Douglas A Stow, Ph.D.*, San Diego State University; Delphis F. Levia, Ph.D., University of Delaware; Daniel J. Leathers, Ph.D., University of Delaware, *Using Synoptic Climatology to Forecast Forest Subcanopy Hydrologic Fluxes.*

2562. **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’.*


**3:18** 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.*
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.*

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**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 Roussevell, University of Edinburgh, United Kingdom; Ruth E Falconer, BSc PGDip MSc PhD MinstPr*, SIMBOS University of Abertay Dundee, United Kingdom, *Rural Sustainability Visualisation Tool (RSVT): An interactive 3D Agent Based Model using XNA and Protocol Buffers.*

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**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


**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 Silberfien*, Temple University, *Long-Term Solutions for Liberian Refugees in West Africa.*

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**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** Annti 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 urban morphology.*


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**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

**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 Krivac*, 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

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**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, Dartmouth Hitchcock Medical Center; Jason H Moore, Dartmouth Hitchcock Medical Center; Margaret R Karagas, Ph.D, Dartmouth College; Tracy L Onega, Ph.D, Dartmouth University, *Transportation-Related Physical Activity: A CenTexNet Discrete Land Uses and Transportation Walking: the Atlanta Experience.*

**3:00** Matha 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,
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 FastTracks on land-use of Denver Metropolitan Region.

3:40 Kunimasa Nishigaya, MBA*, Former Professor of Management, Kanazawa Seiryo 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


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): Yusuf 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.


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-Ahahio*, 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.


3:40 Clark Akiyama*, 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 Fragiadakis*, 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.


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
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 Sule*, 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 San Francisco de Quito; Byron Villacis, Instituto Nacional de Estadísticas y Censos de Ecuador, Tourism and environmental vulnerability in the Galápagos Islands.  
3:40 Joel Harter*, University of New Hampshire; Sadie J Byan, 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’tuq, 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 Quebec, 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 Liége, 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 Lalibertie 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 CERIUM UdM, 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.  
3:00 David Havlick*, University of Colorado Colorado Springs; Marion Hourdequin, Colorado College,
Historical Fidelity and Restoration Goals in Complex Landscapes.
3:05 Jennifer Bjerke*, Rutgers University, Groundwater governance beyond the urban core.
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.
3:35 Amy Gupfill*, Dept. of Sociology, SUNY College at Brockport, Spatial Patterns of Local Food Marketing: A Review.
3:50 Jennifer H Grant*, Portland State University, The Geography of Urban Coyotes.

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
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.
3:40 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.

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
3:05 Barbara Morehouse, PhD*, The University of Arizona, Public Trust, Heritage, and Non-Market Values of Water.
3:25 Jeff Poplek*, 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
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 Kundahar and Kabul, Afghanistan.

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
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.
4:40 p.m. - 6:20 p.m.

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 Wiggan, 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 Buonaiuto*, 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 Britany 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 Pyrthcher, 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 Pyrthcher, 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 Paolo; 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 Paolo, 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 Mannozzi, Association of American Geographers

CHAIR(S): Lee R. Schwartz, U.S. Department of State

Panelists: Sivanesen Govender, EIS-AFRICA; Carmelle J. Terborgh, Esrt; 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 (Panel 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 Lamberts, 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. Beavestock; 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.


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.
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 Discussion(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  
This session is sponsored by Wiley-Blackwell.

2612. The International Journal of Urban and Regional Research  
Lecture: "The Cosmopolitan Canopy: Civility Amid the Faultlines of American Race Relations"  
Room: Gramercy Suite B, Hilton, Second Floor  
Panelists: Geoffrey L. Buckley, Ohio University; Maria Kaika, University of Manchester  
This session is sponsored by Wiley-Blackwell.

Room: Gramercy Suite B, Hilton, Second Floor  
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  
This session is sponsored by Wiley-Blackwell.

2614. Historical Geography of the Environment: Urban (Sponsored by Historical Geography Specialty Group)  
Room: Lincoln Suite, Hilton, Fourth Floor  
Panelists: Jakarta S. Herawan, University of Berne; Hani Khan, University of California, San Diego; Michael Davis, University of Alabama; Fred Turner, University of Washington; Matthew Huber, Syracuse University  
This session is sponsored by Wiley-Blackwell.

2615. The Geospatial Job Market (Sponsored by Applied Geography Specialty Group, Enhancing Departments and Graduate Education project (EDGE))  
Room: Madison Suite, Hilton, Second Floor  
Panelists: David DiBiase, Esri; Richard Serby, GeoSearch, Inc.; M. Baer, US Geospatial Intelligence Foundation; Ashok Wadwani, Applied Field Data Systems, IN; Judy Colby-George  
This session is sponsored by Wiley-Blackwell.

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  
Panelists: Becky Mansfield, Ohio State University; Becca Fasching, University of Florida; Jennifer Baka, Yale University; Claire Collard, University of British Columbia; Kimberley Kinder, University of Michigan  
This session is sponsored by Wiley-Blackwell.

2617. Re-Orienting Political Geography: What do China’s Reforms and Ascendance Imply for the Sub-Discipline? 2 Papers and Panel Discussion (Sponsored by Political Geography Specialty Group)  
Room: Murray Hill Suite A, Hilton, Second Floor  
Panelists: Becky Mansfield, University of California; Ruben Gonzalez-Vicente, University of Cambridge; David DiBiase, Esri; Matthew Huber, Syracuse University  
This session is sponsored by Wiley-Blackwell.

2618. Geographies of Media 5: New Media (Sponsored by Communication Geography Specialty Group)  
Room: Murray Hill Suite B, Hilton, Second Floor  
Panelists: Becky Mansfield, Ohio State University; Meghan Murphy, University of Chicago; Jennifer Baka, Yale University; Claire Collard, University of British Columbia  
This session is sponsored by Wiley-Blackwell.
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; Philip 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 F Folkoff, PhD, Salisbury University; Michael S Scott, PhD, GIS*, 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 Shoerberg, 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 Knahe, 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 Codding*, 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.
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, “Tijuna 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—Río Piedras, The effects of waste management site in communities in Puerto Rico.
Andrew Scholl*, Wittenberg University, Using a Real World Issue 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.
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** Elisa Lotsari*, Fluvial processes and their future changes in Finland: hydro- and morphodynamic simulation approaches.

**5:00** Chloé 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.


**5:40** 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 Burridge, International Boundaries Research Unit; Dr Martin Geiger, IMIS/Institute for Geography

**CHAIR(S):** Andrew Burridge, International Boundaries Research Unit

**4:40** Dr Martin Geiger*, IMIS/Institute for Geography, International Mobility Management in the 21st Century.

**5:00** Til 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.


**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 Red, NTNU; Maria Attard, University of Malta; Andrew Milson, University of Texas-Arlington; Mary Fargher
2641. Dressing 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 Ozce tin
CHAIR(S): Hulya Arik, York University
5:00 Hilal Ozce tin*, Simon Fraser University, "Decent" Bodies: Women and Dress in Turkey.
5:40 Liza Petiteau*, UQÀM, Deterritorialization Practices from Cross-Dressing Women Artists.
Discussant(s): Ran 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 Gnowell, 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.
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 GIS.
5:00 Adina Cox*, NCSU, Exploring Children’s Use of Pathways in Green Environments with GIS.
5:20 Danielle Van Den Burg*, 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
4:41 Toru Yamana*, Cornell University, (Dis)Locating GIS in Japan’s Regional Public Administration.
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; LaDonna 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 Gonzalez, 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.
5:40 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 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 Nevada, Reno; Frank K mark, PhD, The Ohio State University; Mae S Gustin, PhD, University of Nebraska, A Multi-Proxy Paleoclimate and 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.

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 Agyeeman, 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 Remmann*, The Ohio State University; David P Porinchu, PhD, University of Georgia; Bryan G Mark, PhD, The Ohio State University; Mae S Gustin, PhD, University of Nebraska, A Multi-Proxy Paleoclimate 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
SUNDAY, FEBRUARY 25 • 4:00 PM - 6:20 PM • 2600

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

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

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 Social 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 Speciality Group, Africa Speciality 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 Lugaah, 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 Lugaah, 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 Zvooleff, 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; Qinxu 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. Magliocco*, 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, 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.
SATURDAY, FEBRUARY 25 • 4:40 PM - 6:20 PM • 2600

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. RCEE 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 Root, 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
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-Olof Daunfeldt, Dalarna University; Aasa Lang*, Dalarna University; Zuzana Macuchova, Dalarna University; Niklas Rudholm, Dalarna University, Firm Growth in the Swedish Retail and Wholesale Industry.

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; Abd Alziz Ali Almnaim, Qatar University; Balakrishnan Perumal, Qatar University, The urban renewal planning using visual information designing tools.
5:00 Deborah F. Shmueii*, 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 Tomberg*, 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; Bruno Hans Dr, 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, Ph.D*, 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
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; Youssif 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, "Everything Change Up Now?": A Re-examination of Low Country Spatial Struggles in Late 19th Century Georgia
5:10 Tasneem Siddiqui*, University of Southern California, "What Happens when the Research Team is not Conventional?". A Historical-Geographic Analysis of Vulnerability and the Island Way of Life: Ocracoke, North Carolina.
5:25 Eduardo Valero*, Cornell University, Hoochie Coochie Bleachers and Other Imaginary Spaces at Iseo 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 Pickett, University of Georgia
CHAIR(S): Graham Pickett, University of Georgia
4:40 Lily B Pollans*, MIT; Mieka 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 Goddofellow*, McMaster University, Authenticity in PAR: What Happens when the Research Team is not Conventional?.
5:20 Ryan P Diccie*, 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 Kremenz, 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 Jinghua*, 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.
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 Eriksen, Duke University
5:10 Chris Castagna*, University of Hawai'i at Manoa, Local Counter-narratives: New Zealand Māori Experiences with Globalization.
5:40 Danielle Golon*, University of Kansas, The Galapagos Islands And The People Who Live There.
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, Thirstspace: the lived spaces of
Indigenous self-determination.
5:00 Vanessa Sloan Morgan*; Heather Castleden, PhD, The Maar
Nulth Treaty: Hua-aht Youth Vision for a Post-Treaty
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 Hyeseon 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 Modelinng 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 Eldér*, University of Gothenburg; Thomas
Niedomysl, 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 Shello*, Youngstown 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. Urgensom, School of
Forest Resources, University of Washington; Julie
K. Combs, School of Forest Resources, University of
Washington; Qingxia Yang, Science Office, Jiuzhaihau 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 Tarry 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.
6:00 PM - 7:00 PM • 2700

2755. 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

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 temper 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).
<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Description</th>
<th>Room</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2800. Climate Specialty Group Business Meeting</td>
<td>Concourse A, Hilton, Concourse Level</td>
<td></td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2803. Business Geography Specialty Group Business Meeting</td>
<td>Concourse C, Hilton, Concourse Level</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2816. Environmental Perception and Behavioral Geography Specialty Group Business Meeting</td>
<td>Morgan Suite, Hilton, Second Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2830. Regional Development and Planning Specialty Group Business Meeting</td>
<td>Mercury Rotunda, Hilton, Third Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2836. Africa Specialty Group Business Meeting</td>
<td>Green Room, Hilton, Fourth Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2837. Ethics, Justice, and Human Rights Specialty Group Business Meeting</td>
<td>Harlem Suite, Hilton, Fourth Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2839. Landscape Specialty Group Business Meeting</td>
<td>Holland Suite, Hilton, Fourth Floor</td>
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<td>7:30 p.m. - 8:30 p.m.</td>
<td>2841. Water Resources Specialty Group Business Meeting</td>
<td>Midtown Suite, Hilton, Fourth Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2842. Applied Geography Specialty Group Business Meeting</td>
<td>New York Suite, Hilton, Fourth Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2850. Asian Geography Specialty Group Business Meeting</td>
<td>Conference Room H, Sheraton, Lower Level</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2860. Community College Affinity Group Business Meeting</td>
<td>Lenox Ballroom, Sheraton, Second Floor</td>
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<tr>
<td>7:30 p.m. - 8:30 p.m.</td>
<td>2867. Communication Geography Specialty Group Business Meeting</td>
<td>Liberty 5, Sheraton, Third Floor</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2900. Geography Education Specialty Group Business Meeting</td>
<td>Concourse C, Hilton, Concourse Level</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2916. Spatial Analysis and Modeling Specialty Group Business Meeting</td>
<td>Morgan Suite, Hilton, Second Floor</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2930. Private/Public Affinity Group Business Meeting</td>
<td>Mercury Rotunda, Hilton, Third Floor</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2936. Canadian Studies Specialty Group Business Meeting</td>
<td>Green Room, Hilton, Fourth Floor</td>
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<td>8:30 p.m. - 9:30 p.m.</td>
<td>2937. Population Specialty Group Business Meeting</td>
<td>Harlem Suite, Hilton, Fourth Floor</td>
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<td>8:30 p.m. - 9:30 p.m.</td>
<td>2939. Mountain Geography Specialty Group</td>
<td>Holland Suite, Hilton, Fourth Floor</td>
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<td>8:30 p.m. - 9:30 p.m.</td>
<td>2941. Study of the American South Specialty Group Business Meeting</td>
<td>Midtown Suite, Hilton, Fourth Floor</td>
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<td>8:30 p.m. - 9:30 p.m.</td>
<td>2950. Developing Geographies Specialty Group Business Meeting</td>
<td>Conference Room H, Sheraton, Lower Level</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2960. Military Geography Specialty Group Business Meeting</td>
<td>Lenox Ballroom, Sheraton, Second Floor</td>
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<tr>
<td>8:30 p.m. - 9:30 p.m.</td>
<td>2967. Coastal and Marine Specialty Group Business Meeting</td>
<td>Liberty 5, Sheraton, Third Floor</td>
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