Aloha!

Welcome to the Kona Coast of the Big Island of Hawai‘i, to the Hilton Waikoloa Village, and to WRSA’s 47th Annual Meeting.

There may have been some changes since you last checked the Preliminary Program on the Association’s website. So please check the timing as well as the locations of your sessions. The Program Participant Locator, found on Pages 17–20, should help you find when and where you and others are scheduled.

The hotel maps on Pages 23–24 show the location of conference events.

The box on Page 3 contains information about the format of the sessions. Among other items listed, note that presenters and chairs should arrive at least ten minutes before their session to load Powerpoint files on one of the participant’s laptops.

This year’s Annual Meeting includes a number of special features. Per WRSA custom, the conference will formally open with a plenary session on Sunday afternoon, at 3:30 PM, in Kona 4.

The traditional Welcoming Reception will immediately follow the Opening Session on the Lagoon Lanai. All full-conference registrants and those for whom a Banquet and Receptions ticket packet have been purchased may use the ORANGE ticket for a first drink from the bar. Drinks will, in addition, be available on a cash-bar basis. Everybody – all accompanying persons – are very much welcome to attend the Opening Session and Welcoming Reception!

The Annual Banquet Luncheon is on Tuesday at 12:30 PM in the Water’s Edge Ballroom. Please bring your GREEN ticket to be seated. Tickets for accompanying persons attending the Luncheon must have been purchased in advance.

On Tuesday evening, beginning at 5:45 PM, T. John Kim will host the annual President’s Reception. Everyone – all accompanying persons as well as participants – are welcome at this function. Use the YELLOW ticket for a first drink.

Best wishes for a productive and stimulating conference, a restful stay at the Hilton Waikoloa Village, and a memorable visit to the Big Island.
Monday, February 18

7:15 AM – 12:15 PM (and 1:15 – 5:45 PM)
Registration (Kona Promenade)

8:00 AM – 12:15 PM
Seven Concurrent Paper Sessions:
1A Housing and Land Markets (Kohala 1)
1B Regional Disparities and Dynamics I (Kohala 2)
1C Spatial Modeling (Kona 1)
1D Entrepreneurship and the New Labor Force I (Kona 2)
1E Financing Development (Kona 3)
1F Tourism and Recreation I (Kona 4)
1G Western States Economic Outlook I (Queen’s 4)

8:00 AM – 12:15 PM
W-2133 Session I (Kona 5)

9:30 – 10:00 AM
Coffee Break (Lagoon Lanai)

12:15 – 1:30 PM
Lunch Break (On your own this day)

1:15 – 5:45 PM
Registration Continues (Kona Promenade)

1:30 – 5:45 PM
Eight Concurrent Paper Sessions:
2A W-2133 / WRSA Joint Paper Session (Kohala 1)
2B Locational Analysis (Kohala 2)
2C Tourism and Recreation II (Kona 1)
2D Regional Disparities and Dynamics II (Kona 2)
2E Entrepreneurship and the New Labor Force II (Kona 3)
2F Urban Issues and Policy (Kona 4)
2G Location Patterns of the New Economy (Kona 5)
2H Western States Economic Outlook II (Queen’s 4)

3:00 – 3:30 PM
Coffee Break (Lagoon Lanai)

3:30 – 5:00 PM
WRSA Board Meeting
(By Invitation Only; Water’s Edge Boardroom)

Monday, 8:00 AM – 12:15 PM (Kohala 2)
Paper Session 1B ~
Regional Disparities and Dynamics I
Chair: James C. DAVIS, U.S. Census Bureau, Washington, DC, USA

8:00–8:45
Comparative Spatial Dynamics of Regional Systems
Sergio J. REY and Xinyue YE, San Diego State Univ., CA, USA
Discussant: Mohammad ARZAGHI, American Univ., Sharjah, United Arab Emirates

8:45–9:30
Telecommunications Infrastructure and Regional Economic Convergence in China: Panel Data Approaches
Lei DING, Univ. North Carolina, Chapel Hill, Kingsley E. HAYNES and Yanchun LIU, George Mason Univ., Fairfax, VA, USA
Discussant: Jesús LÓPEZ-RODRIGUEZ, Univ. A. Coruña, Spain

9:30–10:00, Coffee Break

10:00–10:45
Decentralization and Poverty Alleviation: Does Convergence Arise? Case Study: Indonesia: Java
Luhur FAJAR, Yuliana RINI, Dwi RUSTIONO, and Ratna WIDYASTUTI, Kompas Daily, Indonesia
Discussant: Up LIM, Yonsei Univ., Seoul, Korea

10:45–11:30
EMU and Regional Income Inequality in the European Union
Florence BOUVET, Sonoma State Univ., Rohnert Park, CA, USA
Discussant: James LAWRENCE, George Mason Univ., Fairfax, VA, USA

11:30–12:15
Persistence of Absolute Regional Wage Inequality in China
Mary DALY and Galina HALE, Federal Reserve Bank, San Francisco, USA
Discussant: Jack OSMAN, San Francisco State Univ., USA
Monday, 8:00 – 11:30 AM (Kona 1)

**Paper Session 1A ~ Spatial Modeling**
Chair: Waldo TOBLER, Univ. California, Santa Barbara, USA
8:00–8:45

**Analyzing the Complexity of Knowledge-Based Spatial Economic Developments**
Bernard COUTROT, UBS, Jean H.P. PAELINCK, George Mason Univ., Fairfax, VA, USA, and Alain SALLEZ, ESSEC, Paris, France
Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA
8:45–9:30

**Spectral Analysis for Irregularly Aggregated, Univariate Spatial Processes**
Nicholas NAGLE, Univ. Colorado, Boulder, USA
Discussant: Bo ZHANG, National Drought Mitigation Center, Lincoln, NE, USA
9:30–10:00, Coffee Break

10:00–10:45

**Murphy, Shleifer, and Vishny Model: Application to North Korea**
Jinhwan OH, Cornell Univ., Ithaca, NY, USA
Discussant: Tony H. GRUBESIC, Indiana Univ., Bloomington, USA
10:45–11:30

**Impact of Polygon Geometry on the Identification of Economic Clusters**
Joseph FRIZADO, Bruce W. SMITH, Michael C. CARROLL, Bowling Green State Univ., and Neil REID, Univ. Toledo, OH, USA
Discussant: T. Lynn RIGGS, U.S. Census Bureau, Washington, DC, USA

Monday, 8:00 AM – 12:15 PM (Kona 2)

**Paper Session 1B ~ Entrepreneurship and the New Labor Force I**
Chair: Friedrich M. ZIMMERMANN, Univ. Graz, Austria
8:00–8:45

**The Learning Region**
Roel RUTTEN and Frans BOEKEMA, Tilburg Univ., The Netherlands
Discussant: Susanne JANSCHITZ, Univ. Graz, Austria
8:45–9:30

**Talent, Creativity, and Regional Economic Performance: The Case of China**
Haifeng QIAN, George Mason Univ., Fairfax, VA, USA
Discussant: Bernard L. WEINSTEIN, Univ. North Texas, Denton, USA
9:30–10:00, Coffee Break

10:00–10:45

**The 'Entrepreneurial Turn' and the Regional Economic Development Mission of Universities: A Normative View**
Harvey A. GOLDSTEIN, Univ. North Carolina, Chapel Hill, USA
Discussant: Warren GILL, Simon Fraser Univ., Vancouver, B.C., Canada
10:45–11:30

**Urban Regional Migrant Entrepreneurs: A Comparative Study on Their Socio-economic and Spatial Patterns of Performance**
Medhia SAHIN, George Mason Univ., Peter NIJKAMP, Free University, Amsterdam, The Netherlands, and Roger R. STOUGH, George Mason Univ., Fairfax, VA, USA
Discussant: Jaewon LIM, Univ. Arizona, Tucson, USA
11:30–12:15

**Network Central: Regional Positioning for Innovative Advantage**
Edward BERGMAN and Gunther MAIER, Vienna Univ. of Economics and Business Administration, Austria
Discussant: Brian P. HOLLY, U.S. Census Bureau, Washington, DC, USA

Monday, 8:00 – 11:30 AM (Kona 3)

**Paper Session 1C ~ Financing Development**
Chair: Douglas E. MORRIS, Univ., New Hampshire, Durham, USA
8:00–8:45

**Location Choice of Korean MNE's in East Asia: Escaping the Nutcracker**
Ho Yeon KIM, Sungkyunkwan University, Seoul, Korea
Discussant: Young Ji PARK, Yonsei Univ., Seoul, Korea
8:45–9:30

**Financial Accessibility and New Firm Formation**
Mikaela BACKMAN, Jönköping International Business School, Sweden
Discussant: Breandán Ó HUALLACHÁIN, Arizona State Univ., Tempe, USA
9:30–10:00, Coffee Break

10:00–10:45

**Analysing CFIB Banking Survey (2003) from an Atlantic Canadian Perspective**
Pierre-Marcel DESJARDINS, Yves BOURGOEIS and Doug BRUCE, Univ. Moncton, New Brunswick, Canada,
Discussant: Jeremy GERST, Federal Reserve Bank, San Francisco, USA
10:45–11:30

**Analysing Financial Sustainability of Estonia's Regions**
Janno REILJAN and Peter FRIEDRICH, Univ. Tartu, Estonia
Discussant: Mário FORTUNA, Univ. Azores, Portugal

Monday’s Program continues on Page 4...

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**Session Format and Etiquette**

- Per WRSA custom, each paper is allocated 45 minutes of Program time, inclusive of discussion.
- Authors should plan on presentations of approximately 25–30 minutes.
- Discussants should prepare about 5–10 minutes of remarks, allowing at least 10 minutes for questions from, and open discussion with, session attendees.
- Participants: please arrive at your session 10 minutes early to make A/V preparations.
- At least one participant needs to bring a laptop.
- Chairs: please do not change the order of presentations listed in the Program.
- As a courtesy to the presenters, all participants are asked to stay for the entire session.
WRSA 47th Annual Meeting

Monday, 8:00 AM – 12:15 PM (Kona 4)

Paper Session 1F ~ Tourism and Recreation I
Chair: Constantin MITRUT, Academy of Economic Studies, Bucharest, Romania

8:00–8:45
Wild and Scenic Rivers: A Look at Impacts on Local Economies
John KEITH, Paul JAKUS, Jacoba LARSEN, Steve BURR, Doug REITER, and Jascha ZEITLIN, Utah State Univ., Logan, USA
Discussant: Juanita LIU, Univ. Hawaii, Manoa, USA

8:45–9:30
From Mountain Village to International Ski Resort: The Transformation of the Destination of Åre
Sara NORDIN, Mid-Sweden Univ., and Hans WESTLUND, Royal Institute of Technology, Stockholm, Sweden
Discussant: Antoine BAILLY, Univ. Genève, Switzerland

9:30–10:00, Coffee Break

10:00–10:45
Limits to Growth: A General Equilibrium Analysis of Tourism Demand and Regional Labor Migration
Denise Eby KONAN, Univ. Hawaii, Manoa, USA
Discussant: R. Garth TAYLOR, Univ. Idaho, Moscow, USA

10:45–11:30
Do Job, Age, and Place of Residence Matter for Gaming Activity? An Application of a Two-Step Tobit Procedure
Wuyang HU, Univ. Kentucky, Lexington, George W. BORDEN, and Thomas R. HARRIS, Univ. Nevada, Reno, USA
Discussant: Michael WENZ, Winona State Univ., MN, USA

11:30–12:15
Resident Attitudes towards Cruise Business in the Pacific Islands
Juanita LIU, Michelle CLARK, and Failautusi AVEGALIO, Univ. Hawaii, Manoa, USA
Discussant: Daniela CONSTANTIN, Academy of Economic Studies, Bucharest, Romania

Monday, 12:15 PM – 1:30 PM
Lunch Break (On your own this day)

Monday, 1:30 – 5:00 PM (Kohala 1)

Paper Session 2A ~ W-2133/WRSA Joint Paper Session
Organizer: Kelly CULLEN, Univ. New Hampshire, Durham, USA
Chair: Dan MCCOLLUM, U.S. Forest Service, Rocky Mountain Research Station, Ft. Collins, CO, USA

1:30–2:15
A Panel-Mixed Logit Analysis of Colorado Corn Farmers’ Stated Preferences for Private-Public Irrigation System Attributes
Craig BOND, Colorado State Univ., Fort Collins, USA
Discussant: Roger VON HAEFEN, North Carolina State Univ., Raleigh, USA

2:15–3:00
A Hybrid Individual-Zonal Travel Cost Model for Estimating the Consumer Surplus of Golfing in Colorado
John LOOMIS, Omer TADJION, Philip WATSON, Josh WILSON, Steve DAVIES, and Dawn THILMANY, Colorado State Univ., Fort Collins, USA
Discussant: Robert HEARNE, North Dakota State Univ., Fargo, USA

3:00–3:30, Coffee Break

3:30–4:15
Selection Effects in Meta-Valuation Function Transfers
Randall ROSENBERGER, Oregon State Univ., Corvallis, and Robert J. JOHNSTON, Univ. Connecticut, Groton, USA
Discussant: John BERGSTROM, Univ. Georgia, Athens, USA

4:15–5:00
Economic Globalization and Resource Use: Do Growth, Investment, and Trade Encourage Water Use or Water Conservation?
John P. HOEHN and Kwami ADANU, Michigan State Univ., East Lansing, MI, USA
Discussant: Kimberly RAWLINS, Univ. Nevada, Reno, USA

Monday, 1:30 – 5:45 PM (Kohala 2)

Paper Session 2B ~ Locational Analysis
Chair: Antoine BAILLY, Univ. Genève, Switzerland

1:30–2:15
Where Size Matters: Illegal Drug Markets in Philadelphia
George RENGERT, Travis TANIGUCHI, and Eric MCCORD, Temple Univ., Philadelphia, USA
Discussant: Michael Olsson, Univ. Skövde, Sweden

2:15–3:00
Workplace Violence and Stress: The Case of Taxi Drivers
R. Keith SCHWER, Univ. Nevada, Las Vegas, USA, and Michel GRUN-RÉHOMME, Univ. Paris 2, France
Discussant: L. Michael FARRELL, Univ. Québec, Trois-Rivières, Canada

3:00–3:30, Coffee Break
3:30–4:15
Spatial Equity in Exposure to Risk: Sex Offender Residency
Tony H. GRUBESIC, Indiana Univ., Bloomington, and Alan T. MURRAY, Ohio State Univ., Columbus, USA
Discussant: Steven K. PETERSON, Washington State Univ., Pullman, USA
4:15–5:00
Health in Facility Location: A Genetic Algorithm for Coverage Maximization
Daoqin TONG, Univ. Arizona, Tucson, Alan T. MURRAY, and Ningchuan XIAO, Ohio State Univ., Columbus, USA
Discussant: Richard L. CHURCH, Univ. California, Santa Barbara, USA
5:00–5:45
Green Activism: National Patterns of Environmental Group Membership
Russell J. DALTON, Univ. California, Irvine, USA
Discussant: Rachel S. FRANKLIN, Association of American Geographers, Washington, DC, USA

Monday, 1:30 – 5:00 PM (Kona 1)
Paper Session 2C ~ Tourism and Recreation II
Chair: Juanita LIU, Univ. Hawaii, Manoa, USA
1:30–2:15
The Spatial Evolution of Casino Gambling
Michael WENZ, Winona State Univ., MN, USA
Discussant: Denise Eby KONAN, Univ. Hawaii, Manoa, USA
2:15–3:00
Strategies for Cultural Tourism, Sustainability, and Regional Development: The Case of Romania
Constantin MITRUT and Daniela L. CONSTANTIN, Academy of Economics Studies, Bucharest, Romania
Discussant: Susan KALEITA, Univ. Arizona, Tucson, USA
3:00–3:30, Coffee Break
3:30–4:15
The Locational Value of a Recreational Site
R. Garth TAYLOR, Univ. Idaho, Moscow, John R. MCKEAN, AEI Economic Consultants, Donn JOHNSON, Quinnipiac Univ., Hamden, CT, USA
Discussant: Wuyang HU, Univ. Kentucky, Lexington, USA
4:15–5:00
The Economic Benefits of Recreation at Blue Mesa Reservoir
Steve PIPER, U.S. Bureau of Reclamation, Denver, CO, USA
Discussant: John KEITH, Utah State Univ., Logan, USA

Monday, 1:30 – 5:45 PM (Kona 3)
Paper Session 2E ~ Entrepreneurship and the New Labor Force II
Chair: Roger F. RIEFFLER, Univ. Nebraska, Lincoln, USA
1:30–2:15
Urban Economic Growth an Occupational Perspective: An Empirical Application for a "Typical" American City
Natalia V. OVCINNOVA, St. Lawrence Univ., Canton, NY, USA
Discussant: Ting ZHANG, George Mason Univ., Fairfax, VA, USA
2:15–3:00
The Role of Elderly Entrepreneurship in Metropolitan Economic Growth
Ting ZHANG, George Mason Univ., Fairfax, VA, USA
Discussant: C. Daniel VENCIL, San Francisco State Univ., USA
3:00–3:30, Coffee Break
3:30–4:15
Penetrating the Knowledge Filter in the Rust Belt
Zoltan ACS, George Mason Univ., Lawrence A. PLUMMER, Clemson Univ., SC, and Ryan SUTTER, George Mason Univ., Fairfax, VA, USA
Discussant: Urban GRÅSJÖ, Univ. West, Trollhättan, Sweden
4:15–5:00
A Study of the Spatial Risk-taking of Entrepreneurship from Examining the Location Pattern of Venture Business Starts in Korea
Junghoon KI, Myongji Univ., Korea
Discussant: Natalia V. OVCINNOVA, St. Lawrence Univ., Canton, NY, USA
5:00–5:45
Multinational Enterprises and Innovation: Firm Level Evidence on Regional Spillover via R&D Collaboration
Hans LÖÖF, Royal Institute of Technology, Stockholm, Sweden
Discussant: Vera PAVLAKOVIC-KOICHI, Univ. Arizona, Tucson, USA
Monday’s Program continues on Page 6...

Monday, 1:30 – 5:45 PM (Kona 4)

**Paper Session 2F ~ Urban Issues and Policy**

Chair: Andrew NARWOLD, Univ. San Diego, CA, USA
1:30–2:15

**Subprime Mortgage Delinquency Rates**

Mark DOMS, Fred FURLONG, and John KRAINER, Federal Reserve Bank, San Francisco, USA
Discussant: John QUIGLEY, Univ. California, Berkeley, USA
2:15–3:00

**Do Smart Growth Programs Increase Housing Choice? Evidence from Maryland’s Priority Funding Areas**

Ralph B. MCLAUGHLIN, Univ. California, Irvine, USA
Discussant: Koichi MERA, Univ. Southern California, Los Angeles, USA
3:00–3:30, Coffee Break

**Employment Center Hierarchy and Function: The Manifestation of Agglomeration in the Los Angeles Metropolitan Area**

Genevieve GIULIANO and Christian REDFEARN, Univ. Southern California, Los Angeles, USA
Discussant: Jae Il KIM, Keimyung Univ., Daegu, Korea
4:15–5:00

**Valuing Diversity in San Diego Neighborhoods**

Andrew NARWOLD, Univ. San Diego, CA, USA
Discussant: Steven RAPHAEL, Univ. California, Berkeley, USA
5:00–5:45

**Regional Modeling in Planning and Development**

Friedrich M. ZIMMERMANN and Susanne JANSCHITZ, Univ. Graz, Austria
Discussant: Laura HUNTOON, Univ. Arizona, Tucson, USA

Monday, 1:30 – 5:00 PM (Kona 5)

**Paper Session 2G ~ Location Patterns of the New Economy**

Chair: Frans BOEKEMA, Tilburg Univ., The Netherlands
1:30–2:15

**Revisiting the Geography of the New Economy**

William B. BEYERS, Univ. Washington, Seattle, USA
Discussant: Geoffrey J.D. HE WINGS, Univ. Illinois, Urbana-Champaign, USA
2:15–3:00

**Regional Concentration and Change in Self-Employed Businesses in the U.S.**

Audrey E. CLARKE, Economic Development Administration, James C. DAVIS, and Brian P. HOLLY, U.S. Census Bureau, Washington, DC, USA
Discussant: Thomas A. HUTTON, Univ. British Columbia, Vancouver, Canada
3:00–3:30, Coffee Break

**What Does It Take to Become a Biotech Hot Spot?**

Jun KOO and Jonghoon BAE, Korea Univ., Seoul
Discussant: Bruce WRIGHT, Univ. Arizona, Tucson, USA
4:15–5:00

**Value-Added Agricultural Enterprises (VAAE) and County Economic Well-Being: an Empirical Investigation.**

Anil RUPASINGHA, New Mexico State Univ., Las Cruces, USA
Discussant: Myoungsub CHOI, Seoul National Univ., Korea

Monday, 1:30 – 3:00 PM (Queen’s 4)

**Session 2H ~ Western States Economic Outlook II**

Organizer: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA
Chair: Timothy D. HOGAN, Arizona State Univ., Tempe, USA

**Washington and Oregon**

R. Pete PARCELLS, Whitman College, Walla Walla, WA, USA

**Hawaii**

Carl BONHAM, Univ. Hawaii, Manoa, USA

**Idaho**

Kaitlin COLEMAN, Whitman College, Walla Walla, WA, USA

Monday, 3:30 – 5:00 PM

(Water’s Edge Boardroom)

**WRSA Board Meeting**

(By Invitation Only)

Convenor: David A. PLANE, Univ. Arizona, Tucson, USA

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**The 47th Annual Meeting Program Committee**

Chair:
David Plane

Cochairs:
Lay James Gibson
Susan Kaleita
Sandy Dall’erba
Daoqin Tong

Paper Reviewers:
Christopher Bitter
John Carruthers
Sandy Dall’erba
Lay James Gibson
Katharine Jacobs
Susan Kaleita
David Plane
Daoqin Tong

Session Organizers:
Kelly Cullen
Sandy Dall’erba
Tom Harris
Lee Huskey
Adam Rose
Keith Schwer
David “Tex” Taylor
Tuesday, February 19

7:45 AM – 12:15 PM (and 2:15 – 5:45 PM)
Registration (Kona Promenade)

8:00 AM – 12:15 PM
Six Concurrent Paper Sessions:
3A Technology and Development (Kohala 1)
3B Location Theory (Kohala 2)
3C Environment I (Kona 1)
3D Impact Analyses (Kona 2)
3E Transportation I (Kona 3)
3F Population and Settlement Dynamics (Kona 4)

8:00 AM – 12:15 PM
W-2133 Session III (Kona 5)
9:30 – 10:00 AM
Coffee Break (Lagoon Lanai)

12:30 – 2:15 PM
Annual Banquet Luncheon (Waterfront Ballroom)

Registration Continues (Kona Promenade)

2:30 – 5:45 PM
Six Concurrent Paper Sessions:
4A Spatial Patterns and Hierarchies (Kohala 1)
4B Fiscal Policy and Public Goods I (Kohala 2)
4C Transportation II (Kona 1)
4D Impacts of Terrorism (Kona 2)
4E Industrial Location and Performance (Kona 3)
4F Urban Structure and Growth (Kona 4)

2:30 – 5:45 PM
W-2133 Session IV (Kona 5)
4:00 – 4:15 PM
Coffee Break (Kona Promenade)

6:00 – 7:30 PM
President’s Reception (Lagoon Lanai)

Tuesday, 8:00 AM – 12:15 PM (Kohala 1)

Paper Session 3A ~ Technology and Development
Chair: Hans LÖÖF, Royal Institute of Technology, Stockholm, Sweden

8:00–8:45
Imports, R&D and Local Patent Production
Urban GRÅSJÖ, Univ. West, Trollhättan, Sweden
Discussant: Audrey E. CLARKE, U.S. Economic Development Administration, Washington, DC

8:45–9:30
The Economic Development Potential of Stem Cell Research: Texas as a Case Study
Bernard L. WEINSTEIN and Terry L. CLOWER, Univ. North Texas, Denton, USA
Discussant: Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA

10:00–10:45
Location of Financial Services
T. Lynn RIGGS, U.S. Census Bureau, Washington, DC
Discussant: William B. BEYERS, Univ. Washington, Seattle, USA

10:45–11:30
Translational Regional Science and Community Engagement: New Perspectives for Closing the High Tech-Community Gap
Lay J. GIBSON, Vera PAVLAKOVICH-KOCHI, Raphael P. GRUENER, and Bruce A. WRIGHT, Univ. Arizona, Tucson, USA
Discussant: Harvey A. GOLDSTEIN, Univ. North Carolina, Chapel Hill, USA

11:30–12:15
Fundamentals of Regional Advantage: Evidence from Urban IT Centers
Mary DALY and Jeremy GERST, Federal Reserve Bank, San Francisco, USA
Discussant: Edward BERGMAN, Vienna Univ. Economics and Business, Austria

Tuesday, 8:00 AM – 12:15 PM (Kohala 2)

Paper Session 3B ~ Location Theory
Chair: Stein ØSTBYE, Univ. Tromso, Norway

8:00–8:45
The Locational Implications of Management and Production Fragmentation
Carlos Eduardo Lobo e SILVA and Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
Discussant: Sergio REY, San Diego State Univ., CA, USA

8:45–9:30
Agglomeration Economies and the Migration of Human Capital
Woohyung LEE, Kyushu Institute of Technology, and Hosoe MORIKI, Kyushu Univ., Japan
Discussant: Euijune KIM, Seoul National Univ., Korea

9:30–10:00, Coffee Break

10:00–10:45
Should the PC be Considered a Technological Revolution? City Level Evidence from 1980–2000
Paul BEAUDRY, Univ. British Columbia, Vancouver, Canada, Mark DOMS, Federal Reserve Bank of San Francisco, CA, and Ethan LEWIS, Dartmouth College, Hanover, NH, USA
Discussant: Hikaru OGAWA, Nagoya Univ., Japan

10:45–11:30
Scale vs. Scope Effects: The Influence of Knowledge Accessibility on Regional Export Flows
Martin ANDERSSON and Sara JOHANSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Daisuke IKAZAKI, Kumamoto Gakuen Univ., Japan

11:30–12:15
Regional Policy Analysis in a Simple NEG Model with Vertical Linkages
Stein ØSTBYE, Univ. Tromso, Norway
Discussant: Daisuke NAKAMURA, Univ. Illinois, Urbana-Champaign, USA

Tuesday’s Program continues on Page 8...
Tuesday, 8:00 AM – 12:15 PM (Kona 1)

**Paper Session 3C ~ Environment I**
Chair: Eric THOR, Arizona State Univ., Tempe, USA
8:00–8:45
Environmental Tax Reform in Namibia: A Potential Approach to Reduce Rural Poverty?
Linda SAHLEN, Umeå Univ., Sweden
Discussant: Craig BOND, Colorado State Univ., Fort Collins, USA
8:45–9:30
Saltwater Sport Fishing for Food or Income in the Northeastern U.S.: Statistical Estimates and Policy Implications
Scott STEINBACK, Kristy WALLMO, and Patricia CLAY, NOAA Fisheries, Woods Hole, MA, and Silver Spring, MD, USA
Discussant: Warren KRIESEL, Univ. Georgia, Athens, USA
9:30–10:00, Coffee Break

10:00–10:45
**Economic and Energy Impacts from Participation in the Regional Greenhouse Gas Initiative: A Case Study of the State of Maryland**
Mathias RUTH and Steven GABRIEL, Univ. Maryland; Karen PALMER, Dallas BURTRAW, and Anthony PAUL, Resources for the Future, Washington, DC; Yishu CHEN and Benjamin HOBBES, Johns Hopkins Univ., Baltimore, MD; Daraiau IRANI and Jeffrey MICHAEL, Towson Univ., MD; Kim ROSS, Russell CONKLIN, and Julia MILLER, Univ. Maryland, College Park, USA
Discussant: Budy P. RESO SUDARMO, Australian National Univ., Canberra
10:45–11:30
**Energy Efficiency in Seoul Metropolitan Area: An Application of Compact Index**
Kichan NAM, Hong Sok KIM, and Jeasun LEE, Yonsei Univ., Seoul, Korea
Discussant: Thomas I. GUNT ON, Simon Fraser Univ., Burnaby, B.C., Canada
11:30–12:15
**Energy in a Resource-Based Regional Economy: A Dynamic General Equilibrium Analysis**
Hodjat GHADIMI, West Virginia Univ., Morgantown, USA
Discussant: Henk FOLMER, Univ. Groningen, The Netherlands

Tuesday, 8:00 – 11:30 AM (Kona 2)

**Paper Session 3D ~ Impact Analyses**
Chair: David HOLLAND, Washington State Univ., Pullman, USA
8:00–8:45
**Combining the National Interstate Economic Model (NEMO) with HAZUS: The Case of Hurricane Andrew**
JiYoung PARK and JoongKoo CHO, Univ. Southern California, Los Angeles, USA
Discussant: Randall JACKSON, West Virginia Univ., Morgantown, USA
8:45–9:30
**Reconciling National and Regional Estimates of the Effect of Immigration on U.S. Labor Markets: The Confounding Effects of Native Male Incarceration Trends**
Steven RAPHAEL and Lucas RONCONI, Univ. California, Berkeley, USA
Discussant: Michael J. GREENWOOD, Univ. Colorado, Boulder, USA
9:30–10:00, Coffee Break

10:00–10:45
**Spatial Impacts of Regional Production Factor Inputs on Manufacturing Value-Added in Korea**
Myoungsub CHOI, Sung hun KIM, Youngjin WOO, and Euijune KIM, Seoul National Univ., Korea
Discussant: Dong GUO, Université de Bourgogne, France
10:45–11:30
**Estimating Dynamic Impacts of Seafood Industry in Alaska**
Chang K. SEUNG, National Marine Fisheries Service, Seattle, WA, USA
Discussant: Run YU, Univ. Hawaii, Manoa, USA

Tuesday, 8:00 AM – 12:15 PM (Kona 3)

**Paper Session 3E ~ Transportation I**
Chair: C.-H. Christine BAE, Univ. Washington, Seattle, USA
8:00–8:45
**Impacts of 9/11 on Airport Passenger Density and Regional Travel**
Garrett R. Beeler ASAY, Univ. Southern California, Los Angeles, and Jeffrey CLEMENS, Harvard Univ., Cambridge, MA, USA
Discussant: T. John KIM, Univ. Illinois, Urbana-Champaign, USA
8:45–9:30
**Price Dynamics and Market Structure in Transportation: For-Hire Grain Trucking Along the Alberta-Saskatchewan Border**
Andrew R. LAING, Carleton University, Ottawa, Ontario, and James F. NOLAN, Univ. Saskatchewan, Saskatoon, Canada
Discussant: Eungcheol KIM, Univ. Incheon, Korea
9:30–10:00, Coffee Break

10:00–10:45
**Analysis on Factors Influencing the Severity of Bicyclist Injuries at Urban Intersections**
Eungcheol KIM, Univ. Incheon, Korea, Jutaek OH, Korea Transport Institute, Korea, Jungwook JUN, Virginia Department of Transportation, Richmond, USA, and Do hoon KIM, Univ. Incheon, Korea
Discussant: Donald SHOUP, Univ. California, Los Angeles, USA
10:45–11:30
**Can Congestion Charging Support Sustainable Development of Metropolitan Areas? The Case of the Stockholm Trial on Congestion Charging**
Lars LUNDQVIST, Royal Institute of Technology, Stockholm, Sweden
Discussant: Robin LINDSEY, Univ. Alberta, Edmonton, Canada
11:30–12:15
**A Multivariate Poisson Model of Consumer Choice in a Multi-Airport Region**
Andrew J. BUCK, Erwin A. BLACKSTONE, and Simon HAKIM, Temple Univ., Philadelphia, PA, USA
Discussant: Bums soo LEE, Univ. Southern California, Los Angeles, USA

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(See advertisement, Page 22)
Tuesday, 8:00 – 11:30 AM (Kona 4)

Paper Session 3F ~
Population and Settlement Dynamics
Chair: Richard L. MORRILL, Univ. Washington, Seattle, USA
8:00–8:45
Mexican Migration and the U.S.-Mexico Development Gap: Alternative Policy Approaches
Joan B. ANDERSON, Univ. San Diego, CA, USA
Discussant: W. Mark BROWN, Statistics Canada, Ottawa, Ontario, Canada
8:45–9:30
The Journey to Safety
Nancy LOZANO-GRACIA and Gianfranco PIRAS, Univ. Illinois, Urbana-Champaign, Ana Maria IBAÑEZ, Univ. Los Andes, Bogotá, Colombia, and Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
Discussant: Mikko MOILANEN, Univ. Tromsø, Norway
9:30–10:00, Coffee Break
10:00–10:45
Where Do 300-million Americans Live, Work – and Discover?
Peter GORDON and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, and Soojun KIM, Milken Institute, Santa Monica, CA, USA
Discussant: John I. CARRUTHERS, U.S. Department of Housing and Urban Development, Washington, DC, USA
10:45–11:30
Family and Sex-specific U.S. Immigration from Europe, 1870–1910: A Panel Data Study of Rates and Composition
Michael J. GREENWOOD, Univ. Colorado, Boulder, USA
Discussant: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Tuesday, 8:00 AM – 12:15 PM (Kona 5)

W-2133 Session III
Convenor: Kelly CULLEN, Univ. New Hampshire, Durham, USA
(Coffee Break, 9:30–10:00)

Tuesday, 12:30 – 2:15 PM
(Water’s Edge Ballroom)

Annual Banquet Luncheon
For all registered participants; tickets required.
Chair: Geoffrey J.D. HEWINGS
48th WRSA President (2007–2008)

Announcements:
David A. PLANE, WRSA Executive Secretary

The 12th Annual Springer-Verlag Prize
Presented by:
Roger R. STOUGH, Börje JOHANSSON, and Euijune KIM, Co-editors, The Annals of Regional Science

The 22nd Charles M. Tiebout Prize
Presented by:
Juanita LIU, 45th WRSA President (2004–2005)
on behalf of the 2007–2008 Reading Committee


This is the 22nd consecutive Annual Meeting at which the Charles M. Tiebout Prize will be presented. The Prize is awarded to the best paper submitted by a graduate student. The winner receives $1,000 to help defray the costs of attending the conference.

The Prize honors the memory of Charlie Tiebout for his outstanding contributions to regional science before his untimely death in 1968. In addition to his scholarly achievements, Charlie Tiebout brought wit, irreverence, and goodwill to everything he did and everyone he knew. He was particularly good in advising, counseling, and encouraging graduate students: thus, it is fitting that the WRSA’s annual prize bearing his name be awarded to the best graduate student paper in regional science.

21st 2007 Michael Wenz, Winona State University
20th 2006 Rocco R. Huang, The University of Amsterdam, The Netherlands
19th 2005 Shaoming Chen, George Mason University
18th 2004 Sandy Dall’Erba, Université de Pau, France
17th 2003 Co-winners: Chokri Dridi, University of Illinois, Urbana-Champaign

Bhanu Yerra, University of Minnesota
16th 2002 Tracey Gordon, University of California, Berkeley
15th 2001 Brian Mikelbank, Ohio State University
14th 2000 Arno van der Vlist, Free University of Amsterdam
13th 1999 Kara Kockelman, University of Texas, Austin
12th 1998 Alexander C. Vias, University of Arizona
11th 1997 Co-winners: Seong Woo Lee, University of Southern California
Woo Suk Zhee, University of Southern California
10th 1996 Steven P. Raphael, University of California, Berkeley
9th 1995 David M. Levinson, University of California, Berkeley
8th 1994 Ricardo Gazel, University of Illinois
7th 1993 Co-winners: Hsin-Ping Chen, University of California, Irvine
Alastair McFarlane, University of Michigan
6th 1992 Henry Buist, University of Pennsylvania
5th 1991 Katherine M. O’Regan, University of California, Berkeley
4th 1990 T. Wong, University of Manitoba
3rd 1989 Scott Campbell, University of California, Berkeley
2nd 1988 Stephen J. Appold, University of North Carolina
1st 1987 Timothy J. Fik, University of Arizona

Winners of the Charles M. Tiebout Prize
in Regional Science, 1987–2007

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2nd 1988 Stephen J. Appold, University of North Carolina
1st 1987 Timothy J. Fik, University of Arizona
Tuesday, 2:30 – 5:00 PM (Kohala 1)

**Paper Session 4A ~ Spatial Patterns and Hierarchies**

Chair: Kenneth E. COREY, Michigan State Univ., East Lansing, USA

2:30–3:15

*Visualization of Regional Science Concepts: How Many Words is a Graphic Worth? An Introduction Using Seven Examples*

Waldo TOBLER, Univ. California, Santa Barbara, USA  
Discussant: Alan MURRAY, Ohio State Univ., Columbus, USA

3:15–4:00

*Urban Hierarchies and City Growth in the Balkans*

Alexandra SCHAFFAR and Michel DIMOU, Univ. Reunion Island, France  
Discussant: Neil REID, Univ. Toledo, OH, USA

4:00–4:15, Coffee Break

4:15–5:00

*The Spatial Distribution of Psychological Harassment in Hierarchical Management Models*

L. Michael FARRELL and G.R. MARCIL, Univ. Québec à Trois-Rivières, Canada  
Discussant: George RENGERT, Temple Univ., Philadelphia, USA

Tuesday, 2:30 – 5:45 PM (Kohala 2)

**Paper Session 4B ~ Fiscal Policy and Public Goods I**

Chair: Suho BAE, San Francisco State Univ., USA

2:30–3:15

*Suburban Social Distance and Public Policy in a Canadian Metropolis*

James LIGHTBODY and Jay MAKARENKO, Univ. Alberta, Edmonton, Canada  
Discussant: David M. BRASINGTON, Louisiana State Univ., Baton Rouge, USA

3:15–4:00

*Equalization Transfers, Fiscal Decentralization, and Economic Growth*

Hikaru OGAWA and Sayaka YAKITA, Nagoya Univ., Japan  
Discussant: Daniel J. WILSON, Federal Reserve Bank, San Francisco, USA

4:00–4:15, Coffee Break

4:15–5:00

*Valuing Access to Water: A Spatial Hedonic Approach Applied to Indian Cities*

Luc ANSELMIN and Nancy LOZANO-GRACIA, Arizona State Univ., Tempe, Uwe DEICHMANN and Somik LALL, World Bank, Washington, DC, USA  
Discussant: Nicholas NAGLE, Univ. Colorado, Boulder, USA

5:00–5:45

*An Empirical Test of Migration and Fiscal Externalities: Swedish Case*

Tomoya IDA, Oita Univ., Japan, and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden  
Discussant: R. Pete PARCELLS, Whitman College, Walla Walla, WA, USA

Tuesday, 2:30 – 5:45 PM (Kona 1)

**Paper Session 4C ~ Transportation II**

Chair: Andrew J. BUCK, Temple Univ., Philadelphia, USA

2:30–3:15

*Another Outcome of Household Sorting: Traffic Congestion*

Alison F. DAVIS, Univ. Kentucky, Lexington, USA  
Discussant: Lars LUNDQVIST, Royal Institute of Technology, Stockholm, Sweden

3:15–4:00

*Value of Time in a Dynamic Microeconomic Framework: Theory and Example from Stockholm Congestion Charges*

Anders KARLSTRÖM, Royal Institute of Technology, Stockholm, Sweden  
Discussant: Eunha JUN, Seoul National Univ., Korea

4:15–5:00

*Prospects for Urban Road Pricing in Canada*

Robin LINDSEY, Univ. Alberta, Edmonton, Canada  
Discussant: James F. NOLAN, Univ. Saskatchewan, Saskatoon, Canada

5:00–5:45

*A Framework for Modeling Rail Transport Vulnerability*

Steven K. PETERSON, Washington State Univ., Pullman, and Richard L. CHURCH, Univ. California, Santa Barbara, USA  
Discussant: Doaqin TONG, Univ. Arizona, Tucson, USA

Tuesday, 2:30 – 5:45 PM (Kona 2)

**Paper Session 4D ~ Impacts of Terrorism**

Organizer and Chair: Adam ROSE, Univ. Southern California, Los Angeles, USA

2:30–3:15

*Pre-9/11 and Post-9/11 Customer Service Outcomes at U.S. Airports for International Travelers to the U.S.*

Bryan ROBERTS, U.S. Department of Homeland Security  
Discussant: Mary P. VENCILL, Berkeley Policy Associates, Oakland, CA, USA

3:15–4:00

*Macroeconomic Impacts of Shutting Down the U.S. Borders in Response to a Security of Health Threat*

Adam ROSE, Garrett R.B. ASAY, and Dan WEI, Univ. Southern California, Los Angeles, and Billy LEUNG, Regional Econometric Models, Inc., Amherst, MA, USA  
Discussant: Stephen HORA, Univ. Hawaii, Hilo, USA

4:15–5:00

*The Elicitation of Uncertainties over Split Fractions: An Application to Terrorism*

Stephen HORA, Univ. Hawaii, Hilo, USA  
Discussant: C. Daniel VENCILL, San Francisco State Univ., USA

5:00–5:45

*The Economic Impacts of a Foot and Mouth Disease Outbreak: A Computable General Equilibrium Analysis*

Adam ROSE, Univ. Southern California, Gbadebo OLADOSU, Oak Ridge National Laboratory, TN, and Bumsso LEE, Univ. Southern California, Los Angeles, USA  
Tuesday, 2:30 – 4:00 PM (Kona 3)

**Paper Session 4E ~ Industrial Location and Performance**

Chair: Lay J. GIBSON, Univ. Arizona, Tucson, USA

2:30–3:15

**Intraurban Industrial Location under Institutional and Accessibility Constraints: An Empirical Approach**

Stuart H. SWEENEY, Univ. California, Santa Barbara, and Nicholas NAGLE, Univ. Colorado, Boulder, USA

Discussant: Roger F. RIEFLER, Univ. Nebraska, Lincoln, USA

3:15–4:00

**Service Industries, Global City Formation, and New Policy Discourses within the Asian-Pacific**

Thomas A. HUTTON, Univ. British Columbia, Vancouver, Canada

Discussant: Michael A. MARQUEZ, Univ. Extremadura, Spain

Tuesday, 2:30 – 4:00 PM (Kona 4)

**Paper Session 4F ~ Urban Structure and Growth**

Chair: André Matos MAGALHAES, Univ. Pernambuco, Recife, Brazil

2:30–3:15

**Urban Resurgence**

Mohammad ARZAGHI, American Univ. Sharjah, United Arab Emirates, and James C. DAVIS, U.S. Census Bureau, Washington, DC, USA

Discussant: Zoltan ACS, George Mason Univ., Fairfax, VA, USA

3:15–4:00

**Understanding Economic Growth Factors for Smaller US Cities**

Kimberly VACHAL, North Dakota State Univ., Fargo, and Kenneth BUTTON, George Mason Univ., Fairfax, VA, USA

Discussant: Terry C. CLOWER, Univ. N. Texas, Denton, USA

Tuesday, 2:30 – 5:45 PM (Kona 5)

**W-2133 Session IV**

Convenor: Kelly CULLEN, Univ. New Hampshire, Durham, USA

(Coffee Break, 4:00–4:15)

Tuesday, 6:00–7:30 PM

(Lagoon Lanai)

**President’s Reception**

For all participants and accompanying persons:
Everyone welcome!


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**Western Regional Science Association**

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David Plane

**WRSA’s Executive Assistant**

Susan Kaleita
Wednesday, February 20

7:45 AM – 12:15 PM
Registration (Kona Promenade)

8:00 AM – 12:15 PM
Six Concurrent Paper Sessions:
5A Papers in Honor of Geoffrey Hewings I (Kohala 1)
5B Urban Spatial Structure (Kohala 2)
5C Environment II (Kona 1)
5D Remote Regions (Kona 2)
5E Migration and Spatial Demographics (Kona 3)
5F Urban Travel Behavior (Kona 4)

8:00 AM – 12:15 PM
W-1192 Business Meeting (Kona 5)

9:30 – 10:00 AM
Coffee Break (Lagoon Lanai)

12:15 – 1:30 PM
Lunch Break (On your own this day)

1:15 – 5:45 PM
Registration Continues (Kona Promenade)

1:30 – 5:45 PM
Seven Concurrent Paper Sessions:
6A W1192/WRSA Joint Session (Kohala 1)
6B Fiscal Policy and Public Goods II (Kohala 2)
6C Globalization and Trade (Kona 1)
6D Regional Development: Planning & Policy (Kona 2)
6E Environmental Management (Kona 3)
6F Labor Markets (Kona 4)
6G Papers in Honor of Geoff Hewings II (Kona 5)

3:00 – 3:30 PM
Coffee Break (Lagoon Lanai)

5:45 End of Conference

Wednesday, 8:00 AM – 12:15 PM (Kohala 1)

Paper Session 5A ~ Papers in Honor of Geoff Hewings I
Organizer: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
Chair: Randall JACKSON, West Virginia Univ., Morgantown, USA

8:00–8:45
Intrametropolitan Manufacturing Location and Urban Spatial Structure: An Analysis of Phoenix’s Industrial Establishments
Breandán Ó HUALLACHAIN, Arizona State Univ., Tempe, and Timothy F. LESLIE, George Mason Univ., Fairfax, VA, USA
Discussant: Martin ANDERSSON, Jönköping International Business School, Sweden

5:45 – 9:30
A Spatial Model of Housing Demand for the City of Recife, Brazil
Rubens Alves DANTAS, André Matos MAGALHÃES and José Raimundo de OLIVEIRA VERGOLINO, Univ. Pernambuco, Recife, Brazil
Discussant: Ralph B. MCLAUGHLIN, Univ. California, Irvine, USA

10:00 – 10:45
Meta Analysis of Regional Population with Agglomeration Economies
Euijune KIM and Ahyoung KIM, Seoul National Univ., Korea
Discussant: Simonetta LONGHI, Univ. Essex, Colchester, UK

10:45 – 11:30
Measuring the Impact of Personal and Corporate Income Tax Cuts on a Small Island Open Economy
Ali BAYAR, Mário FORTUNA, Cristina MOHORA, Masudi OPESE, and Suat SISIK, Univ. Azores, Portugal
Discussant: Chang K. SEUNG, National Marine Fisheries Service, Seattle, WA, USA

11:30 – 12:15
Incorporating Sectoral Structure into Shift-Share Analysis
Geoffrey G.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA, Miguel A. MARQUEZ and J. RAMAJO, Univ. Extremadura, Spain
Discussant: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA

Wednesday, 8:00 – 11:30 AM (Kohala 2)

Paper Session 5B ~ Urban Spatial Structure
Chair: Warren GILL, Simon Fraser Univ., Vancouver, B.C., Canada

8:00–8:45
Ad-hoc Techniques in Spatially Explicit Models of Land Use (Almost) Without an Apology
Alessandro DE PINTO, Univ. Redlands, CA, and Gerald C. NELSON, Univ. Illinois, Urbana-Champaign, USA
Discussant: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

8:45–9:30
Land Assembly for Urban Redevelopment: Graduated Density Zoning
Donald SHOUP, Univ. California, Los Angeles, USA
Discussant: Laura HUNTOON, Univ. Arizona, Tucson, USA

10:00 – 10:45
The Urban Growth and Spatial Change of Employment Distribution: Clustering, Dispersion and Generalized Dispersion – The Case of Seoul Metropolitan Area, Korea, 2000–2005
Jae Ik KIM, Chang-Hwan YEO, and Jin-Hwi KWON, Keimyung Univ., Daegu, Korea
Discussant: Bruce W. SMITH, Bowling Green State Univ., OH, USA

10:45 – 11:30
Accessibility and Residential Land Values: Some Tests with New Measures
Genevieve GIULIANO, Peter GORDON, Qisheng PAN, and JiYoung PARK, Univ. Southern California, Los Angeles, USA
Discussant: In Hye CHOI, Yonsei Univ., Seoul, Korea
Wednesday, 8:00 AM – 12:15 PM (Kona 1)

Paper Session 5C ~ Environment II
Chair: Amitrajeet BATABYAL, Rochester Institute of Technology, NY, USA

8:00–8:45
Greenhouse Gas Emissions and Economic Activities in Hawai’i: Household and Visitor Expenditure Analysis
Denise Eby KONAN, Univ. Hawaii, Manoa, and Hing Ling CHAN, SMS Research, Honolulu, HI, USA
Discussant: John LOOMIS, Colorado State Univ., Fort Collins, USA

8:45–9:30
Are There Incentives for Growing Green? Evidence from the Coastal Marshlands of Georgia
Warren KRIESEL and Jeff MULLEN, Univ. Georgia, Athens, USA
Discussant: Linda SAHLÉN, Umeå Univ., Sweden

9:30–10:00, Coffee Break

10:00–10:45
The Impact of Innovation on a Polluting Firm’s Regulation Driven Decision of Upgrade Its Capital Stock
Amitrajeet BATABYAL, Rochester Institute of Technology, NY, USA, and Peter NIJKAMP, Free Univ., Amsterdam, The Netherlands
Discussant: Hodjat GHADIMI, West Virginia Univ., Morgantown, USA

10:45–11:30
On the Distributional Effect of Carbon Tax in Developing Countries: The Case of Indonesia
Arief Anshory YUSUF and Budy P. RESOSUDARMO, Australian National Univ., Canberra, Australia
Discussant: Matthias RUTH, Univ. Maryland, College Park, USA

11:30–12:15
Optimal Environmental and Industrial Policies and Imperfect Agglomeration Effects
Daisuke IKAZAKI, Kumamoto Gakuen Univ., and Tohru NAITO, Kushiro Public Univ. of Economics, Japan
Discussant: Amitrajeet BATABYAL, Rochester Institute of Technology, NY, USA

Wednesday, 8:00 AM – 12:15 PM (Kona 2)

Paper Session 5D ~ Remote Regions:
Politics and Institutional Change in the North
Organizer: Lee HUSKEY, Univ. Alaska, Anchorage, USA
Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA

8:00–8:45
States Rights and Civil Rights: The Southern Strategy to Stop Alaskan Statehood
Terrence COLE, Univ. Alaska, Fairbanks, USA
Discussant: Helen FAST, Univ. Manitoba, Winnipeg, Canada

8:45–9:30
Greg PROTASEL, Univ. Alaska, Anchorage, USA
Discussant: Doug JONES, Ohio State Univ., Columbus, USA

9:30–10:00, Coffee Break

10:00–10:45
Canada’s Oceans Act Leads to New Governance Arrangements in the Beaufort Sea: Are We on the Right Path?
Helen FAST, Univ. Manitoba, Winnipeg, and Michelle SCHLAG, Fisheries and Oceans, Canada
Discussant: David C. NATCHER, Univ. Saskatchewan, Saskatoon, Canada

10:45–11:30
Gender, Natural Resources, and Public Policy in the Canadian North
David C. NATCHER, Univ. Saskatchewan, Saskatoon, Canada
Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA

11:30–12:15
Doug JONES, Ohio State Univ., Columbus, USA
Discussant: Terrence COLE, Univ. Alaska, Fairbanks, USA

Wednesday, 8:00 AM – 12:15 PM (Kona 3)

Paper Session 5E ~ Migration and Spatial Demographics
Chair: Andrei ROGERS, Univ. Colorado, Boulder, USA

8:00–8:45
Testing the Convergence of Headship Rates: Case of Southern California
Simon CHOI, Southern California Association of Governments, Los Angeles, USA
Discussant: Timothy D. HOGAN, Arizona State Univ., Tempe, USA

8:45–9:30
Testing a Suburban-to-Urban Migration Hypothesis: A Study on Intra-regional Residential Movement of the Elderly
Sungyop KIM, Univ. Missouri, Kansas City, USA
Discussant: David A. PLANE, Univ. Arizona, Tucson, USA

9:30–10:00, Coffee Break

10:00–10:45
Race, Ethnicity, and Residential Intermixing in U.S. MSAs
Lawrence A. BROWN and Madhuri SHARMA, Ohio State Univ., Columbus, USA
Discussant: Richard L. MORRILL, Univ. Washington, Seattle, USA

10:45–11:30
In Situ versus Migratory Human Capital Growth Across Canadian Cities
Desmond BECKSTEAD and W. Mark BROWN, Statistics Canada, Ottawa, and K. Bruce NEWBOLD, McMaster Univ., Hamilton, Ontario, Canada
Discussant: Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden

11:30–12:15
Repairing the Migration Data Reported by the American Community Survey
Andrei ROGERS, Bryan JONES, and Wanran MA, Univ. Colorado, Boulder, USA
Discussant: Simon CHOI, Southern California Association of Governments, Los Angeles, USA

Wednesday’s Program continues on Page 14...
Wednesday, 8:00 – 10:45 AM (Kona 4)
PAPER SESSION 5F ~ URBAN TRAVEL BEHAVIOR
Chair: T. John KIM, Univ. Illinois, Urbana-Champaign, USA

8:00–8:45
UGA's and Regional Centers and Their Impacts on Travel Behavior in the Puget Sound, Washington
C.-H. Christine BAE and Alon BASSOK, Univ. Washington, Seattle, USA
Discussant: Garrett R.B. ASAY, Univ. Southern California, Los Angeles, USA
8:45–9:30
The Effects of Commuting Time on Residential Relocation for Dual-Earner Households in Korea, 1990–2000
Eunha JUN, Seoul National University, Korea
Discussant: Anders KARLSTRÖM, Royal Institute of Technology, Stockholm, Sweden
9:30–10:00, Coffee Break

10:00–10:45
Neighborhood Attributes and Commuting Behavior: Transit Choice
Bumsoo LEE, Peter GORDON, James E. MOORE II, and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA
Discussant: Alison F. DAVIS, Univ. Kentucky, Lexington, USA

Wednesday, 8:00 AM – 12:15 PM (Kona 5)
W-1192 BUSINESS MEETING
Convenor: David T. TAYLOR, Univ. Wyoming, Laramie, USA
(Coffee Break, 9:30–10:00)

Wednesday, 12:15 PM – 1:30 PM
Lunch Break (On your own this day)

Wednesday, 1:30 – 5:00 PM (Kohala 2)
PAPER SESSION 6B ~ FISCAL POLICY AND PUBLIC GOODS II
Chair: Paul E. POLZIN, Univ. Montana, Missoula, USA

1:30–2:15
Tax Competition and Capital Mobility: Evidence from the U.S. States
Robert S. CHIRINKO, Univ. Illinois, Chicago, and Daniel J. WILSON, Federal Reserve Bank, San Francisco, USA
Discussant: Tamoya IDA, Oita Univ., Japan
2:15–3:00
School Choice: Supporters and Opponents
David M. BRASINGTON, Louisiana State Univ., Baton Rouge, and Diane HITE, Auburn Univ., SC, USA
Discussant: Lena C. BIRKELÖF, Umeå Univ., Sweden
3:00–3:30, Coffee Break

3:30–4:15
Eliciting Willingness to Pay for Piped Water Service from Self-Reported Rent Appraisals in Indonesia: A SEM Autoregressive Panel Approach
Yusep SUPARMAN, Padjadjaran Univ., Indonesia, Henk FOLMER, Groningen Univ., The Netherlands, Han OUD, Radboud Univ. Nijmegen, The Netherlands, and Budy P. RESOSUDARMO, Australian National Univ., Canberra, Australia
Discussant: Nancy LOZANO-GRACIA, Arizona State Univ., Tempe, USA
4:15–5:00
Institutional Factors Affecting Prices of Wastewater Services
Suho BAE and Sheldon GEN, San Francisco State Univ., CA, USA
Discussant: Steve PIPER, U.S. Bureau of Reclamation, Denver, CO, USA
**Wednesday, 1:30 – 4:15 PM (Kona 1)**

**Paper Session 6C ~ Globalization and Trade**
Chair: Ho Yeon KIM, Sung Kyunkwan Univ., Seoul, Korea
1:30–2:15

**The Economic Effects of China-Korea-Japan Economic Cooperation**
Young Ji PARK, In Hye CHOI, and Kabsung KIM, Yonsei Univ., Seoul, Korea
Discussant: Jess BROWNING, Univ. Washington, Seattle, USA
2:15–3:00

**Hawaii’s Comparative Advantage Trends of Selected Agricultural Products in the U.S. Mainland Market**
Run YU, Univ. Hawaii, Manoa, JunNing CAI, Central Univ. Finance and Economics, Beijing, China, and PingSun LEUNG, Univ. Hawaii, Manoa, USA
Discussant: David HOLLAND, Washington State Univ., Pullman, USA
3:00–3:30, Coffee Break

**Socio-Economic Issues in Global Trade**
Jess BROWNING, Univ. Washington, Seattle, USA
Discussant: Mikaela BACKMAN, Jönköping International Business School, Sweden

**Wednesday, 1:30 – 5:00 PM (Kona 2)**

**Paper Session 6D ~ Regional Development: Planning and Policy**
Chair: Pierre-Marcel DESJARDINS, Univ. Moncton, New Brunswick, Canada
1:30–2:15

**Linking Market Valued Community Skill Profiles with Corporate Outsourced Functions to Identify Financially Attractive Rural Sourcing Targets**
Douglas E. MORRIS and Lyndon E. GOODRIDGE, Univ. New Hampshire, Durham, USA
Discussant: Junghoon KI, Myongji Univ., Korea
2:15–3:00

**Toward Community Based Community Development**
Michael C. CARROLL, Bowling Green State Univ., OH, and James Ronald STANFIELD, Colorado State Univ., Fort Collins, USA
Discussant: Janno WALLMO, NOAA Fisheries, Silver Spring, MD, USA
3:30–4:15

**"Great Lakes Cities, Michigan’s Great Places for Global Business and Investment": Toward Strategic Planning Practice to Enable Michigan’s Urban Core Cities to Compete for and Attract Global Business and Investment to metroMichigan’s Core City-Regions**
Kenneth E. COREY and Mark I. WILSON, Michigan State Univ., East Lansing, USA
Discussant: Mary P. VENCILL, Berkeley Policy Associates, Oakland, CA, USA
4:15–5:00

**Modeling Business Interruption Losses Period Applying the HAZUS**
JoongKoo CHO and JiYoung PARK, Univ. Southern California, Los Angeles, USA
Discussant: Xinyue YE, San Diego State Univ., CA, USA

**Wednesday, 1:30 – 4:15 PM (Kona 3)**

**Paper Session 6E ~ Environmental Management**
Chair: Michel DIMOU, Univ. Reunion Island, France
1:30–2:15

**Rural Regional Public Finance Issues: Reducing the Cost of Conflicts and Increasing Regional Use of Rural Mediation Centers**
Eric THOR and Shamim SULTANA, Arizona State Univ., Tempe, USA
Discussant: James LIGHTBODY, Univ. Alberta, Edmonton, Canada
2:15–3:00

**The Potential of Agent Based Modeling for Improving the Economic Efficiency of Adaptive Natural Resource Management**
John LOOMIS and Craig BOND, Colorado State Univ., Fort Collins, and David HARPMAN, U.S. Bureau of Reclamation, Denver, CO, USA
Discussant: Kristy WALLMO, NOAA Fisheries, Silver Spring, MD, USA
3:00–3:30, Coffee Break

**A New Model for Sustainable Development: A Case Study of the Great Bear Rainforest Regional Land Use Plan**
Gordon J.A. MCGEE, Drea CULLEN, Thomas I. GUNTON, and J.C. DAY, Simon Fraser Univ., Burnaby, B.C., Canada
Discussant: Eric THOR, Arizona State Univ., Tempe, USA

**Wednesday, 1:30 – 5:00 PM (Kona 4)**

**Paper Session 6F ~ Labor Markets**
Chair: Sungyop KIM, Univ. Missouri, Kansas City, USA
1:30–2:15

**Meta-analysis of Empirical Evidence on the Labour Market Impacts of Immigration**
Simonetta LONGHI, Univ. Essex, Colchester, United Kingdom, Peter NIJKAMP, Free Univ., Amsterdam, The Netherlands, and Jacques POOT, Univ. Waikato, Hamilton, New Zealand
Discussant: Hans WESTLUND, Royal Institute of Technology, Stockholm, Sweden
2:15–3:00

**Job Search and the Flow of Knowledge**
Michael OLSSON, Univ. Skövde, Sweden
Discussant: Jack OSMAN, San Francisco State Univ., USA
3:00–3:30, Coffee Break

**Matching Processes and Settlement Patterns: The Case of Norway**
Mikko MOILANEN, Univ. Tromsø, Norway
Discussant: Joan B. ANDERSON, Univ. San Diego, CA, USA
4:15–5:00

**Market Size and Employment: Separating Diversity and Scale Effects**
Martin ANDERSSON and Johan KLAESSON, Jönköping International Business School, Sweden
Discussant: Kimberly VACHAL, North Dakota State Univ., Fargo

*Wednesday’s Program continues on Page 16...*
Wednesday, 1:30 – 5:00 PM (Kona 5)
Paper Session 6G ~
Papers in Honor of Geoff Hewings II
Organizer: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
Chair: Lucy A. KEHINDE, Univ. Illinois, Urbana-Champaign, USA
1:30–2:15
Does Wage Differential Driven Migration Continue to Exist? Tests on the Role of Regional Economic Structure in Wage Differential Driven Migration
Jaewon LIM, Univ. Arizona, Tucson, USA
Discussant: Rachel S. FRANKLIN, Association of American Geographers, Washington, DC, USA
2:15–3:00
An Integrated Production-Stage Analysis on Market Areas and Supply Areas
Daisuke NAKAMURA, Univ. Illinois, Urbana-Champaign, USA
Discussant: Jean H. P. PAELINCK, George Mason Univ., Fairfax, VA, USA
3:00–3:30, Coffee Break
3:30–4:15
The Leading Role of Manufacturing in the Regional Economic Growth in China: A Spatial Econometric Approach of Kaldor’s Laws
Dong GUO, Univ. Bourgogne, France, Sandy DALL’ERBA, Univ. Arizona, Tucson, USA, and Julie LE GALLO, Univ. Franche-Comté, France
Discussant: Haifeng QIAN, George Mason Univ., Fairfax, VA, USA
4:15–5:00
Closing Remarks
5:45 PM, Conferences ends.

Our Hawai’i Meetings
This year’s 47th Annual Meeting is the eighth held in the Hawaiian Islands. WRSA Fellow and former Executive Secretary, Lay Gibson, organized our first Hawaii Meeting at the Prince Kuhio Hotel in Honolulu in 1983. That was the only time the main conference has been held in Oahu – the other seven times we have met on one of the Neighbor Islands.

This is our third conference on the Big Island. We met right here in Waikoloa at the Royal Waikoloa Resort (now the Waikoloa Beach Marriott) in 1997. Ten years earlier, in 1987, we were in Keauhau at the Kona Surf Resort. Here are all the locations where we’ve met since the Association’s founding:

1962 University of California, Berkeley, Berkeley, CA
1965  (Meeting site unknown)
1966 Santa Barbara Inn, Santa Barbara, CA
1967 (Meeting site unknown), Las Vegas, NV
1968 Vacation Village Hotel, San Diego, CA
1969
1970 Vacation Village Hotel, San Diego, CA
1971 Santa Barbara Biltmore Hotel, Santa Barbara, CA
1972 Vacation Village Hotel, San Diego, CA
1973 Del Monte Hyatt House, Monterey, CA
1974 Edgewater Hyatt House, Long Beach, CA
1975 Riviera Hotel, Palm Springs, CA
1976 Silverado Country Club and Resort, Napa, CA
1977 Doubletree Inn, Tucson, AZ
1978 Mansion Inn, Sacramento, CA
1979 Vacation Village Hotel, San Diego, CA
1980 Doubletree Inn, Monterey, CA
1981  (Meeting site unknown)
1982 Miramar Hotel, Santa Barbara, CA
1983 Prince Kuhio Hotel, Honolulu, HI
1984 Casa Munras Hotel, Monterey, CA
1985 Hotel Del Coronado, Coronado (San Diego), CA
1986 Surf and Sand Hotel, Laguna Beach, CA
1987 Kona Surf Resort, Keauhau, Hawaii, HI
1988 Silverado Country Club and Resort, Napa, CA
1989 San Diego Princess Resort, San Diego, CA
1990 Kaluokoi Hotel, Molokai, HI
1991 Monterey Plaza Hotel, Monterey, CA
1992 Caesar's Tahoe Resort, South Lake Tahoe, NV
1993 Maui Inter-Continental Resort, Wailea, Maui, HI
1994 Westward Look Resort, Tucson, AZ
1995 San Diego Princess Resort, San Diego, CA
1996 Silverado Resort in the Napa Valley
1997 Royal Waikoloa Resort, Waikoloa, Hawaii, HI
1998 Hyatt-Regency Monterey, Monterey, CA
1999 Ojai Valley Inn, Ojai, CA
2000 Sheraton Kauai Resort, Poipu, HI
2001 Riviera Resort and Racquet Club, Palm Springs, CA
2002 Hyatt Regency Monterey, Monterey, CA
2003 Rio Rico Resort, Rio Rico, AZ
2004 Marriott Wailea Resort, Maui, HI
2005 Hyatt Regency Monterey, Monterey, CA
2006 La Fonda, Santa Fe, NM
2007 Hyatt Regency Islandia, San Diego, CA
2008 Hilton Waikoloa Village Resort, Hawaii, HI
2009 (Meeting site unknown), Las Vegas, NV
2010 (Meeting site unknown), Las Vegas, NV
2011 Student Union, Arizona State University, Tempe, AZ
2012 Student Union, University of Oregon, Eugene, OR
2013 Student Union, University of California, Berkeley, Berkeley, CA

And Next Year…
The Silverado Resort in the Napa Valley
In 2009, the 48th Annual Meeting of the WRSA will be held at the Silverado Resort in the heart of the Napa Valley wine country. A number of this year’s participants will have fond memories of the two previous conferences held at the Silverado back in 1988 and 1996. Participants will be lodged in spacious condominium units and, as usual, we’ve negotiated great rates. We think you’ll enjoy the good cheer of this superb Country Club and Spa.

Reserve the dates February 18 (Sunday) to 21 (Wednesday). WRSA’s 48th Annual Meeting is a conference you simply owe it to yourself to attend! Get working on a paper for submittal by the traditional October 15 deadline.

WRSA: The way academic life should be.
Program Participant Locator

Session assignments are listed following each participant’s name:

1A, 1B, 1C, 1D, 1E, 1F, 1G on Monday Morning
2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H on Monday Afternoon
3A, 3B, 3C, 3D, 3E, 3F on Tuesday Morning
4A, 4B, 4C, 4D, 4E, 4F on Tuesday Afternoon
5A, 5B, 5C, 5D, 5E, 5F on Wednesday Morning
6A, 6B, 6C, 6D, 6E, 6F, 6G on Wednesday Afternoon
OS = Opening Session on Sunday Afternoon
WB = WRSA Board Meeting on Monday Afternoon
AL = Annual Banquet Luncheon on Tuesday
W133 = W-2133 Sessions:
I. Monday Morning
II. Joint W-2133/WRSA Session 2A Monday Afternoon
III. Tuesday Morning
IV. Tuesday Afternoon
W192 = W-1192 Business Meeting on Wednesday Morning

Roman typeface (regular font) for a session designator indicates a paper author, panelist, or speaker; **Boldface** indicates a session chair; *Italics* indicate a discussant.

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Submitting Annual Meeting Papers to:
The Annals of Regional Science

Participants are cordially invited to submit their Annual Meeting papers to WRSA’s official journal, The Annals of Regional Science. The three coeditors, Roger R. Stough, Börje Johansson, and Euijune Kim, are participating at the conference and will be happy to discuss potential submissions and the review process.

Presidents of the WRSA

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4th 1963  William S. Peters
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49th 2008  T. John Kim
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