



Western Regional Science Association 47th Annual Meeting Preliminary Program

Hilton Waikoloa Village Resort ~ The Big Island of Hawai'i February 17 – 20, 2008

Version 7.0 (Last changes made and posted on WRSA website: February 8, 2008)

Note: *We are in the process of finalizing the program prior to taking it to the printers. Please report any remaining problems immediately so that they can be corrected in the printed version. The Final Program will go off to the printers first thing Monday morning, February 11.*

ALOHA, PROGRAM PARTICIPANTS. Please use the *Program Participant Locator* beginning on page 2 to find where you and others have been scheduled.

The Final Program, *which will include session room locations*, will be in the Registration Packet that you pick up at the conference. If you have not yet paid and registered – please pay at the conference. (February 1 was the Preregistration deadline.) Receipts for those who preregistered will be included in participant packets.

PAPERS TO DISCUSSANTS AND CHAIRS. The latest versions of all papers received at the WRSA office were e-mailed to discussants and session chairs in January. If you have made further revisions to your paper it is now *your* responsibility to get updated versions directly to your discussant and chair. E-mail addresses are listed in the Participant Locator. In general the addresses listed are those of the authors planning to participate and present papers. It is “hit or miss” whether we have been given (and thus have been able to list) the email addresses for non-attending coauthors.

PREPARING YOUR PAPER AND AVAILABILITY OF A/V EQUIPMENT. Due to the excessive cost of renting A/V equipment from resort hotels and our “seminar-style” session format (with 45 full minutes per paper and thus, on average, only 8–10 presentations per room per day) we will only be providing Powerpoint (LCD or “beam”) projectors. *At least one person in each session will need to bring a laptop computer.* If you don’t have a laptop or don’t wish to bring yours, be sure to check with other participants in your session to make sure there will be one available for your presentation. Session chairs are requested to email with participants to confirm these arrangements. Alternatively, you can bring photocopied handouts of your tables, figures, graphs, etc. to distribute to those attending your presentation. We no longer supply old-fashioned overhead (transparency) projectors.

SESSION FORMAT. WRSA’s signature “seminar-style” invited paper sessions allocate a full 45 minutes for each paper, inclusive of discussant remarks and discussion among all session participants. Authors should plan on 25 to 30 minutes for their presentations. Discussant remarks should be limited to approximately 5 minutes, leaving plenty of time for feedback from, and open discussion with, other session participants. Session chairs, presenters and discussants should arrive at least 10 minutes in advance of the scheduled start time in order to meet one another, load presentations and to check A/V setups. As a courtesy to other presenters, participants in the session are asked to attend the entire session.



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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Session listings begin on the next page...

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Sunday, February 17

2:00 – 6:00 PM

Registration (Kona Promenade)

3:30 – 5:15 PM

Plenary Opening Session (Kona 4)

5:30 – 7:00 PM

Welcoming Reception (Lagoon Lanai)

Plenary Opening Session

Sunday, 3:30 – 5:15 PM

(Kona 4)

Chair: Geoffrey J. D. HEWINGS
48th WRSa President (2007–2008)

**“Riding the Wave: Transformations and Cycles
in the Hawaii Economy”**

Carl BONHAM, Univ. Hawaii, Manoa

Presidential Address:

“Technology and Space”

T. John KIM
49th WRSa President (2008–2009)

Discussant: Arthur GETIS
40th WRSa President (1999–2000)



Welcoming Reception

Sunday, 5:30 – 7:00 PM

(Lagoon Lanai)

*For all participants and accompanying persons:
Everyone welcome!*



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
- 1B Regional Disparities and Dynamics I
- 1C Spatial Modeling
- 1D Entrepreneurship and the New Labor Force I
- 1E Financing Development
- 1F Tourism and Recreation I
- 1G Western States Economic Outlook I

8:00 AM – 12:15 PM

W-2133 Session I

9:30 – 10:00 AM

Coffee Break

12:15 – 1:15 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
- 2B Locational Analysis
- 2C Tourism and Recreation II
- 2D Regional Disparities and Dynamics II
- 2E Entrepreneurship and the New Labor Force II
- 2F Urban Issues and Policy
- 2G Location Patterns of the New Economy
- 2H Western States Economic Outlook II

3:00 – 3:30 PM

Coffee Break

3:30 – 5:00 PM

WRSa Board Meeting (By Invitation Only;
Water's Edge Boardroom)



Monday, 8:00 AM – 12:15 PM

Paper Session 1A ~ Housing and Land Markets

Chair: Koichi MERA, Univ. Southern California,
Los Angeles, USA

8:00–8:45

Measuring Land-Use Regulation and Their Effects in the Housing Market

John QUIGLEY, Steven RAPHAEL, and Larry A. ROSENTHAL,
Univ. California, Berkeley, USA

Discussant: Alessandro DE PINTO, Univ. Redlands, CA, USA

8:45–9:30

Rationing in the Market for New Housing: Evidence from Southern California

David SUNDING, Univ. California, Berkeley, and Aaron M. SWOBODA, Univ. Pittsburgh, USA

Discussant: Mark DOMS, Federal Reserve Bank, San Francisco, USA

9:30–10:00, Coffee Break

10:00–10:45

Speculative Epidemics in the Housing Market: The Case of Los Angeles and Las Vegas

Mary RIDDEL, Univ. Nevada, Las Vegas, USA

Discussant: Aaron M. SWOBODA, Univ. Pittsburgh, USA

10:45–11:30

Analysis of the Effects of Real Estate Policy on Housing Prices

In Hye CHOI, Keun Gyu LEE, and Kabsung KIM, Yonsei Univ., Seoul, Korea

Discussant: John KRAINER, Federal Reserve Bank, San Francisco, USA

11:30–12:15

Monitoring School Districts' Inefficiencies

Kalyan CHAKRABORTY, Emporia State Univ., KS, USA

Discussant: Bernard BIZET, ESSEC Business School, Cergy-Pontoise, France



Monday, 8:00 AM – 12:15 PM

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 of San Francisco, USA

Discussant: Jack OSMAN, San Francisco State Univ., USA



Monday, 8:00 – 11:30 AM

Paper Session 1C ~ 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 Spatial Re-Modeling

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

Paper Session 1D ~

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

Mediha 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

Paper Session 1E ~ 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 BOURGEOIS 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: Mario FORTUNA, Univ. Azores, Portugal



Monday, 8:00 AM – 12:15 PM

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, 8:00 AM – 12:15 PM

Session 1G ~ Western States Economic Outlook I

Organizer and Chair: Keith SCHWER, Univ. Nevada, Las Vegas, USA

California

Esmael ADIBI, Chapman Univ., Orange, CA, USA

Nevada

Keith SCHWER, Univ. Nevada, Las Vegas, USA

9:30–10:00, Coffee Break

Arizona

Timothy D. HOGAN, Arizona State Univ., Tempe, USA

Colorado

Richard WOBBEKIND, Univ. Colorado, Boulder, USA

Montana


Paul POLZIN, Univ. Montana, Missoula, USA



Monday, 8:00 AM – 12:15 PM

W-2133 Session I

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

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



Monday, 1:30 – 5:00 PM
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

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

**Heuristics 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

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 – 5:00 PM

Paper Session 2D ~

Regional Disparities and Dynamics II

Chair: Roel RUTTEN, Univ. Tilburg, The Netherlands

1:30–2:15

Growing U.S. Wage Inequality in the Context of Spatially Concentrated Economic Activity

James LAWRENCE, George Mason Univ., Fairfax, VA, USA

Discussant: Mary DALY, Federal Reserve Bank, San Francisco, USA

2:15–3:00

Regional Wage Differentials between the Capital and Non-Capital Regions in Korea: An Occupational Composition Approach

Jae Beum CHO, Sung-Chul CHO, Se-Young SUNG, and Up LIM, Yonsei Univ., Seoul, Korea

Discussant: Johan KLAESSON, Jönköping International Business School, Sweden

3:00–3:30, Coffee Break

3:30–4:15

Growth and Convergence in the Space Economy: Evidence from the United States

John I. CARRUTHERS and Michael K. HOLLAR, U.S. Department of Housing and Urban Development, Washington, DC, and Gordon F. MULLIGAN, Univ. Arizona, Tucson, USA

Discussant: Florence BOUVET, Sonoma State Univ., Rohnert Park, CA, USA

4:15–5:00

New Economic Geography: A New Way of Understanding Regional Wage Disparities in Europe

Jesús LÓPEZ-RODRIGUEZ and Andrés FAÍÑA, Univ. A Coruña, Spain

Discussant: Luhur FAJAR, Kompas Daily, Indonesia



Monday, 1:30 – 5:45 PM

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. OVCHINNIKOVA, St. Lawrence Univ., Canton, NY, and Roger F. RIEFFLER, Univ. Nebraska, Lincoln, 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 VENCILL, 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. OVCHINNOVA, 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, 1:30 – 5:45 PM

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 of 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

3:30–4:15

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 Ik 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

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. HEWINGS, 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

3:30–4:15

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 AM – 3:00 PM

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



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

3B Location Theory

3C Environment I

3D Impact Analyses

3E Transportation I

3F Population and Settlement Dynamics

8:00 AM – 12:15 PM

W-2133 Session II

9:30 – 10:00 AM

Coffee Break

12:30 – 2:15 PM

Annual Banquet Luncheon

2:15 – 5:45 PM

Registration Continues (Kona Promenade)

1:30 – 5:45 PM

Six Concurrent Paper Sessions:

4A Spatial Patterns and Hierarchies

4B Fiscal Policy and Public Goods I

4C Transportation II

4D Impacts of Terrorism

4E Industrial Location and Performance

4F Urban Structure and Growth

1:30 – 5:45 PM

W-2133 Presentation Session III

4:00 – 4:15 PM

Coffee Break

6:00 – 7:30 PM

President's Reception



Monday, 3:30 – 5:00 PM

WRSA Board Meeting

(By Invitation Only)

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



Tuesday, 8:00 AM – 12:15 PM

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 GRÄSJÖ, 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

9:30–10:00, *Coffee Break*

10:00–10:45

Location of Financial Services

T. Lynn RIGGS, US Bureau of the Census, USA
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

Paper Session 3B ~ Location Theory

Chair: Stein ØSTBYE, Univ. Tromsø, 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. Tromsø, Norway

Discussant: Daisuke NAKAMURA, Univ. Illinois, Urbana-
Champaign, USA



Tuesday, 8:00 AM – 12:15 PM

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 SAHLÉN, 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**

Matthias RUTH and Steven GABRIEL, Univ. Maryland; Karen
PALMER, Dallas BURTRAW, and Anthony PAUL, Resources for
the Future, Washington, DC; Yishu CHEN and Benjamin HOBBS,
Johns Hopkins Univ., Baltimore, MD; Daraius IRANI and Jeffrey
MICHAEL, Towson Univ., MD; Kim ROSS, Russell CONKLIN,
and Julia MILLER, Univ. Maryland, College Park, USA

Discussant: Budy P. RESOSUDARMO, 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. GUNTON, 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, WV, USA

Discussant: Henk FOLMER, Univ. Groningen, The
Netherlands



Tuesday, 8:00 – 11:30 AM

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, Sunghun 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

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, Jutae OH, Korea Transport Institute, Korea, Jungwook JUN, Virginia Department of Transportation, USA, and Dohoon 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: Bumsoo LEE, Univ. Southern California, Los Angeles, USA



Tuesday, 8:00 – 11:30 AM

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 IBÁÑEZ, 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

W-2133 Session III

Convenor: Kelly CULLEN, Univ. New Hampshire, Durham, USA
(*Coffee Break, 9:30 – 10:00*)



Tuesday, 12:30–2:15 PM

Annual Banquet Luncheon

For all registered and paid 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



Tuesday, 2:30 – 5:00 PM

Paper Session 4A ~ Spatial Patterns and Hierarchies

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

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 ANSELIN and Nancy LOZANO-GRACIA, Arizona State
Univ., Tempe, USA, 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 Externality: 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

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

4:00–4:15, Coffee Break

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

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

4:00–4:15, *Coffee Break*

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 Bumsoo LEE, Univ. Southern California, Los Angeles, USA

Discussant: Bryan ROBERTS, U.S. Department of Homeland Security



Tuesday, 2:30 – 4:00 PM

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

Paper Session 4F ~ Urban Structure and Growth

Chair: André Matos MAGALHÃES, 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

W-2133 Session IV

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

(Coffee Break, 4:00 – 4:15)

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**5B** Urban Spatial Structure**5C** Environment II**5D** Remote Regions**5E** Migration and Spatial Demographics**5F** Urban Travel Behavior

8:00 AM – 12:15 PM

W-1192 Business Meeting

9:30 – 10:00 AM

Coffee Break

12:15 – 1:15 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**6B** Fiscal Policy and Public Goods II**6C** Globalization and Trade**6D** Regional Development: Planning & Policy**6E** Environmental Management**6F** Labor Markets**6G** Papers in Honor of Geoff Hewings II

3:00 – 3:30 PM

Coffee Break5:45 *End of conference*



Wednesday, 8:00 AM – 12:15 PM

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 HUALLACHÁIN, Arizona State Univ., Tempe, and Timothy F. LESLIE, George Mason Univ., Fairfax, VA, USA
Discussant: Martin ANDERSSON, Jönköping International Business School, Sweden

8:45–9:30

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

9:30–10:00, Coffee Break

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, Mario 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-Champagne, USA, Miguel A. MARQUEZ and J. RAMAJO, Univ. Extremadura, Spain
Discussant: Sandy DALL'ERBA, Univ. Arizona, Tucson, USA



Wednesday, 8:00 – 11:30 AM

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-Champagne, 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

9:30–10:00, Coffee Break

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

Paper Session 5C ~ Environment II

Chair: Amitrajeet BATBYAL, 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 BATBYAL, Rochester Institute of Technology, NY, USA, and Peter NIJKAMP, VU 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, Koshiro Public Univ. of Economics, Japan

Discussant: Amitrajeet BATBYAL, Rochester Institute of Technology, NY, USA



Wednesday, 8:00 AM – 12:15 PM

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

The Federal No-Bid Contract Snowball: The Growth of Alaska Native Regional Corporations Under Special Provisions of the Small Business Administration's 8(a) Program

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

A Policy Retrospective: What We Thought We Were Doing (Alaska 1965–1972)

Doug JONES, Ohio State Univ., Columbus, USA

Discussant: Terrence COLE, Univ. Alaska, Fairbanks, USA



Wednesday, 8:00 AM – 12:15 PM

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 US 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, 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, 8:00 – 10:45 AM

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

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 – 5:45 PM

**Paper Session 6A ~ W-1192/WRSA Joint Session:
Public and Private Rangelands and
Their Impacts on Western Economies**

Organizer and Chair: David T. TAYLOR, Univ. Wyoming

1:30–2:15

**Rangeland and Management Interactions: Relationships between
Socio-Economic and Ecological Processes in Rangeland
Landscapes**

Rhonda SKAGGS and Brandon BESTELMEYER, New Mexico
State Univ., Las Cruces, USA

Discussant: Neil RIMBEY, Univ. Idaho, Moscow, USA

2:15–3:00

**Small Feet, Big Tracks: The Potential Economic Effects of
Critical Habitat Designation on the Economy of Southeastern
Wyoming**

Thomas K. FOULKE, David T. TAYLOR, and Roger H.
COUPAL, Univ. Wyoming, Laramie, USA

Discussant: Thomas R. HARRIS, Univ. Nevada, Reno

3:00–3:30, Coffee Break

3:30–4:15

**Applications of Regional Impacts of Alternative Public Land
Grazing Policies: Initial Results from an Integrated Linear
Programming Social Accounting Matrix Model**

Jonathan ALEVY, Elizabeth FADALI, and Thomas R. HARRIS,
Univ. Nevada, Reno, USA

Discussant: Wuyang HU, Univ. Kentucky, Lexington, USA

4:15–5:00

**Ranch and Grazing Permit Values in New Mexico and the Great
Basin: Similarities, Differences, and Policy Implications**

Neil RIMBEY, Univ. Idaho, Moscow, L. Allen TORELL, New
Mexico State Univ., Las Cruces, John TANAKA, Oregon State
Univ., Union, and Dan MCCOLLUM, US Forest Service, Rocky
Mountain Research Station, USA

Discussant: Rhonda SKAGGS, New Mexico State Univ., Las
Cruces, USA

5:00–5:45

**New Rangeland Residents in Wyoming: A Survey of Exurban
Landowners**

Rachel D. MEALOR, Univ. Wyoming, Paul J. MEIMAN,
Colorado State Univ., Fort Collins, David T. TAYLOR, Jennifer S.
JONES, and Ann L. HILD, Univ. Wyoming, Laramie, USA

Discussant: Thomas K. FOULKE, Univ. Wyoming, Laramie,
USA



Wednesday, 1:30 – 5:00 PM

**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 of San Francisco, CA, 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

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 US Mainland Market**

Run YU, Univ. Hawaii, Manoa, JunNing CAI, Central Univ. of
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

3:30–4:15

Socio-Economic Issues in Global Trade

Jess BROWNING, Univ. Washington, Seattle, USA

Discussant: Mikaela BACKMAN, Jököpings International
Business School, Sweden



Wednesday, 1:30 – 5:00 PM

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., KY, and James Ronald STANFIELD, Colorado State Univ., Fort Collins, USA

Discussant: Peter FRIEDRICH, Univ. Tartu, Estonia

3:00–3:30, *Coffee Break*

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., USA



Wednesday, 1:30 – 4:15 PM

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, US Bureau of Reclamation, Denver, CO, USA

Discussant: Kristy WALLMO, NOAA Fisheries, Silver Spring, MD, USA

3:00–3:30, *Coffee Break*

3:30–4:15

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

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, VU 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*

3:30–4:15

Matching Processes and Settlement Patterns: The Case of Norway

Mikko MOILANEN, Univ. Trømsø, 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, 1:30 – 5:00 PM

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.

