



Western Regional Science Association 46th Annual Meeting

Hyatt Regency ~ Newport Beach, California ~ February 21–24, 2007

Welcome! Welcome to Orange County, to Newport Beach, to the Hyatt Regency Newport Beach, and to WRSA's 46th 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 the sessions.

The Program Participant Locator, found on Pages 15–17, should help you find when and where you and others are scheduled.

The hotel map on Page 19 shows the location of conference events. The box on Page 5 contains information about the format of the sessions. Presenters and chairs should arrive at least ten minutes before their session to load Powerpoint files on one of the participant's laptops. File copies of the papers being presented are available for perusal at our registration table.

This year's Annual Meeting includes a number of special features. Per WRSA custom, the conference will formally open on Wednesday afternoon, at 4:45 PM, in the Terrace Room with a plenary session about the area where we are meeting. This year's topic: "The 'O.C.' Economy: Myth vs. Reality." The traditional Welcoming Reception will begin immediately following on the Terrace Arbor. All full-conference registrants and those for whom a Banquet and Receptions ticket packet have been purchased may use the BLUE ticket for their first drinks 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 on Friday at 12:30 PM in the Terrace Room will feature Geoff Hewing's Presidential Address. Please bring your GREEN ticket to be seated. Accompanying persons attending the Luncheon must have purchased tickets to attend this event.

On Friday evening, beginning at 5:45 PM, Geoff Hewing's will host the President's Reception. Everyone – all accompanying persons as well as participants – welcome at this function. Use the YELLOW tickets for first drinks.

A Restaurant Guide is included in your registration packet. Thanks to Russ Dalton and his colleagues at U.C. Irvine for their dining suggestions.

Best wishes for a productive and stimulating conference, a restful stay at the Hyatt-Regency Newport Beach, and a memorable visit to 'O.C.'



Wednesday, February 21

2:30 – 6:15 PM

Registration (Terrace Promenade)

4:45 – 7:15 PM

Opening Session and Welcoming Reception
(Terrace Room; Terrace Arbor)



Wednesday, 4:45–7:15 PM
(Terrace Room)

**Plenary Opening Session about the
Orange County, Southern California Region**

Chair:
Jack OSMAN, 47th WRSA President (2006–2007)

The "O.C." Economy: Myth vs. Reality
Esmael ADIBI, Chapman Univ., Orange, CA, USA

Welcoming Reception follows immediately
(Terrace Arbor)

*For All Participants and Accompanying Persons
Everyone Welcome!*



Thursday, February 22

7:30 AM – 12:30 PM Coffee Available (Terrace Room)

8:00 AM – 12:30 PM Registration (Terrace Room)

8:30 AM – 12:00 PM

NE-1011 Business Meeting (Garden Room I)

8:30 AM – 12:45 PM

Five Concurrent Paper Sessions:

1A Innovation and Agglomeration (Beach Room)

1B Immigration and Ethnicity (Ocean Room)

1C International Perspectives on Reg Dev. (Patio Room)

1D Tourism and Recreation (Garden Room III)

1E The Spatial Dimension in Social Issues (Harbor Room)

10:00 – 10:30 AM

Coffee Break (Terrace Promenade)

12:45 – 1:45 PM

Lunch Break (On your own this day)

12:45 – 1:45 PM

The Annals of Regional Science Board Meeting

(By Invitation Only; Garden Room II)

1:45 – 6:00 PM

Registration Continues (Terrace Room)

1:45 – 6:00 PM

Five Concurrent Paper Sessions:

2A Housing (Beach Room)

2B Economic Development & Reg. Impacts (Ocean Room)

2C Migration (Patio Room)

2D NE-1011 / WRSA Joint Session (Garden Room III)

2E Industries: Locational Change (Harbor Room)

3:15 – 3:45 PM

Coffee Break (Terrace Promenade)

3:45 – 5:30 PM

WRSA Board Meeting (By Invitation Only; Lagoon)

6:15 – 9:15 PM

Gala Dinner in Honor of Koichi Mera, WRSA Past-President (*SOLD OUT: advance reservations were required.*)



Thursday, 8:30 AM–12:45 PM (Beach)

Paper Session 1A ~ Innovation and Agglomeration

Chair: Ulla KOTONEN,

Lappeenranta Univ. Technology, Finland

8:30–9:15

Innovation and Regions

Tobias GÖBLING, Roel RUTTEN and Frans BOEKEMA, Tilburg Univ., The Netherlands

Discussant: Charlie KARLSSON, Jönköping Univ., Sweden

9:15–10:00

Product Innovation, Export and Location of Entrepreneurship

Martin ANDERSSON, Jönköping International Business School, and Börje JOHANSSON, Royal Inst. Technology, Stockholm, Sweden

Discussant: Lei DING, Univ. North Carolina, Chapel Hill, USA

10:00–10:30, Coffee Break

10:30–11:15

Location Quotients versus Spatial Autocorrelation in Identifying Potential Cluster Areas

Michael C. CARROLL and Bruce W. SMITH, Bowling Green State Univ., and Neil REID, Univ. Toledo, OH, USA

Discussant: Sergio REY, San Diego State Univ., USA

11:15–12:00

The Left Brain of North American Cities: Scientists & Engineers and Urban Growth

Desmond BECKSTEAD, W. Mark BROWN and Guy

GELLATLY, Statistics Canada, Ottawa, Ontario

Discussant: Michael E. WENZ, Winona State Univ., MN, USA

12:00–12:45

Modeling Endogenous Growth in U.S. Metropolitan Regions

Roger R. STOUGH, Chunpu SONG, Jiamin WANG, and Haifeng

QIAN, George Mason Univ., Fairfax, VA, USA

Discussant: Ardeshir ANJOMANI, Univ. Texas, Arlington, USA



Thursday, 8:30 AM–12:00 PM (Ocean)

Paper Session 1B ~ Immigration and Ethnicity

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

8:30–9:15

US Immigration Policy, Source-County Social Programs, and the Skill Composition of Legal US Immigration

Michael J. GREENWOOD, Univ. Colorado, Boulder, and John M. McDOWELL, Arizona State Univ., Tempe, USA

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

9:15–10:00

Short-Term Spatial Changes to Toronto's Immigrant Community

K. Bruce NEWBOLD, McMaster Univ., Hamilton, Ontario, Canada

Discussant: Richard MORRILL, Univ. Washington, Seattle, USA

10:00–10:30, Coffee Break

10:30–11:15

The Effect of Expected Income Differences on Immigration Decision: Empirical Evidences from South Korea, the US, and Canada

SeongWoo LEE, Seoul National Univ., Korea, and JiYoung PARK, Univ. Southern California, Los Angeles, USA

Discussant: Simon CHOI, Southern California Assoc.

Governments, Los Angeles, USA

11:15–12:00

Racial/Ethnic Residential Sorting in Spatial Context: Testing the Explanatory Frameworks

Su-Yeul CHUNG, Western Illinois Univ., Macomb, and Lawrence A. BROWN, Ohio State Univ. Columbus, USA

Discussant: SeongWoo LEE, Seoul National Univ., Korea





Thursday, 8:30 AM–12:45 PM (Patio)

Paper Session 1C ~

International Perspectives on Regional Development

Chair: Sanjoy CHAKRAVORTY, Temple Univ.,
Philadelphia, PA, USA

8:30–9:15

Regional Wage Inequalities in Colombia

Luis A. GALVIS, Univ. Illinois, Urbana-Champaign, USA
Discussant: Jean H.P. PAELINCK, George Mason Univ.,
Fairfax, VA, USA

9:15–10:00

**Regional Growth and Regional Inequality in EU and Transition
Countries: A Spatial Econometric Approach**

Laura DE DOMINICIS, Free Univ., Amsterdam, The Netherlands,
Giuseppe ARBIA and Gianfranco PIRAS, G. d'Annunzio Univ.,
Pescara, Italy
Discussant: Arthur GETIS, San Diego State Univ., USA

10:00–10:30, Coffee Break

10:30–11:15

**How Has Trade Affected Industries in Mexico? A Regional
Level Analysis**

Marcela GONZÁLEZ RIVAS, Univ. North Carolina, Chapel Hill,
USA
Discussant: Yao LI, Univ. Hawaii, Manoa, and East-West
Center, Honolulu, USA

11:15–12:00

India's Regional Future: Backward Reflections

Sanjoy CHAKRAVORTY, Temple Univ., Philadelphia, PA, USA
Discussant: Sudhir K. THAKUR, California State Univ.,
Sacramento, USA

12:00–12:45

**Regional Manufacturing Employment in China: Extended Shift-
Share Analysis**

Yanchun LIU and Junyang YUAN, George Mason Univ., Fairfax,
VA, USA
Discussant: James C. DAVIS, U.S. Census Bureau,
Washington, DC



Thursday, 8:30 AM–12:00 PM (Garden III)

Paper Session 1D ~ Tourism and Recreation

Chair: Juanita C. LIU, Univ. Hawaii, Honolulu, USA

8:30–9:15

Ken's Lake Visitor and Valuation Study

John E. KEITH, Paul JAKUS, Carolina SALAS GARCIA and
Lyle SUMMERS, Utah State Univ., Logan, USA
Discussant: Nancy HODUR, North Dakota State Univ., Fargo,
USA

9:15–10:00

**The Economic Contribution of Off-Road Vehicle Recreation to
Wyoming's Economy**

David T. TAYLOR, Thomas FOULKE, Desiree OLSON,
Christopher T. BASTIAN and Roger H. COUPAL, Univ.
Wyoming, Laramie, USA
Discussant: Warren GILL, Simon Fraser Univ., Burnaby, B.C.,
Canada

10:00–10:30, Coffee Break

10:30–11:15

A Cultural Satellite Account for Hawai'i Tourism

Juanita C. LIU, Univ. Hawaii, Honolulu, USA
Discussant: Prahlad KASTURI, Radford Univ., Blacksburg,
VA, USA

11:15–12:00

**Estimating Consumer Surplus for Non-Market Goods: The Case
of Recreational Activity in Canada**

Adam M. ARSENAULT, Univ. Saskatchewan, Saskatoon, Canada
Discussant: Steve PIPER, U.S. Bureau of Reclamation,
Denver, CO, USA



Thursday, 8:30 AM–12:00 PM (Harbor)

Paper Session 1E ~

The Spatial Dimension in Social Issues

Chair: Hans WESTLUND, National Inst. for Working Life,
Östersund, Sweden

8:30–9:15

**Exploring Differences in Expenditure for the Functional
Impaired: Neighborhood Interaction and the Federal Structure**

Lena C. BIRKELÖF, Umeå Univ., Sweden
Discussant: SooYeon NAM, Seoul National Univ., Korea

9:15–10:00

Determinants of Criminal Victimization in Seoul, Korea

EunHa JUN, KeumSeok KOH and SeongWoo LEE, Seoul
National Univ., Korea
Discussant: Niklas HANES, Umeå Univ., Sweden

10:00–10:30, Coffee Break

10:30–11:15

**City Expansion, Squatter Settlements and Policy Implications in
Addis Ababa: The Case of Kolfe Keranio Sub-City**

Minwuyelet MELESSE, Addis Ababa Univ., Ethiopia
Discussant: Kayoko YAMAMOTO, National Univ. Electro-
Communications, Japan

11:15–12:00

The Spatial Dimension of Criminal Harassment in Canada

L. Michael FARRELL and G.R. MARCIL, Univ. du Québec à
Trois-Rivières, Canada
Discussant: Lanlan WANG, Univ. Southern California, Los
Angeles, USA



Thursday, 8:30 AM–12:00 PM (Garden I)

NE-1011 Business Meeting

Convenor: Elizabeth E. DAVIS, Univ. Minnesota,
St. Paul, USA



Thursday, 12:45–1:45 PM

Lunch Break (On your own this day)



Thursday, 12:45–1:45 PM (Garden II)
The Annals of Regional Science Board Meeting

(By invitation only)

Convenors: Katharina WETZEL, Springer Publishers; and
 Börje JOHANSSON, Euijune KIM, and Roger R. STOUGH,
 Coeditors, *The Annals of Regional Science*



Thursday, 1:45–5:15 PM (Beach)
Paper Session 2A ~ Housing

Chair: Frank MITTELBACH, Univ. California,
 Los Angeles, USA

1:45–2:30

***Prices, Location Choices and Neighborhood Composition in a
 Dynamic Housing Market: Towards a Unified Micro-Level
 Model for Policy Analysis***

Liming WANG and Paul WADDELL, Univ. Washington, Seattle,
 USA

Discussant: Jae-Ik KIM, Keimyung Univ., Daegu, Korea

2:30–3:15

***The Transition of Serious Delinquent Loans among Low and
 Moderate Income Borrowers***

Lei DING, Univ. North Carolina, Chapel Hill, USA

Discussant: Gudmundur F. ULFARSSON, Washington Univ.,
 St. Louis, MO, USA

3:15–3:45, Coffee Break

3:45–4:30

***A Comparative Study of Housing and Neighborhood Satisfaction
 between Korea and the US***

SooYeon NAM, Seoul National Univ., Korea

Discussant: Daniel CZAMANSKI, Technion, Haifa, Israel

4:30–5:15

***Impact of Housing Tax Policies on Housing Demands and
 Income Distribution Using a CGE Model of Korea***

Euijune KIM and Ahyoung KIM, Seoul National Univ., Korea

Discussant: L. Michael FARRELL, Univ. du Québec à Trois-
 Rivières, Canada



Thursday, 1:45–6:00 PM (Ocean)
Paper Session 2B ~

Economic Development and Regional Impacts

Chair: Bernard BIZET, ESSEC Paris Business School, France

1:45–2:30

***Does State Growth Management Change the Pattern of Urban
 Growth? Evidence from Florida***

Marlon G. BOARNET, Ralph McLAUGHLIN, Univ. California,
 Irvine, and John I. CARRUTHERS, U.S. Dept. Housing and
 Urban Development, USA

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

2:30–3:15

***Do Tax Incentives Influence Economic Geography?: An
 Analysis of Colorado's Enterprise Zone Program using Border
 Effects***

Stephen BILLINGS, Univ. Colorado, Boulder, USA

Discussant: Marshall VEST, Univ. Arizona, Tucson, USA

3:15–3:45, Coffee Break

3:45–4:30

***Economic Losses from a Hypothetical Hurricane Event in the
 Houston-Galveston Area***

Qisheng PAN, Texas Southern Univ., Houston, USA

Discussant: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

4:30–5:15

***Very Short-Run Regional Economic Impacts: Evidence from the
 Recent Energy-Commodity Boom***

Paul POLZIN, Univ. Montana, Missoula, USA

Discussant: Steve PIPER, U.S. Bureau of Reclamation,
 Denver, CO, USA

5:15–6:00

***The Regional Impact of Special Economic Zones in the
 Philippines***

Scott R. SANDERS, Cornell Univ., Ithaca, NY, USA

Discussant: Marcela GONZÁLEZ RIVAS, Univ. North
 Carolina, Chapel Hill, USA



Thursday, 1:45–5:15 PM (Patio)
Paper Session 2C ~ Migration

Chair: Lawrence A. BROWN, Ohio State Univ.,
 Columbus, USA

1:45–2:30

Generational Aging and Migration to Micropolitan America

Cole T.E. FITZPATRICK, Univ. Arizona, Tucson, USA

Discussant: Bruce NEWBOLD, McMaster Univ., Hamilton,
 Ontario, Canada

2:30–3:15

***An Optimization Technique to Develop Gross In- and Out-
 Migration Assumptions of Multiple Counties in the Southern
 California Region***

Simon CHOI, Southern California Association Governments, Los
 Angeles, USA, and Kyuyoung CHO, Anyang Univ., Korea

Discussant: John SPORING, U.S. Bureau of Economic
 Analysis, Washington, DC

3:15–3:45, Coffee Break

3:45–4:30

***Migration and Wage Income Inequality – Economic Effects of
 Migration to and Within Sweden, 1990-2003***

Martin KORPI, Uppsala Univ., Sweden

Discussant: William A.V. CLARK, Univ. California, Los
 Angeles, USA

4:30–5:15

***Dynamics on the Spatial Structure of Interregional Migration in
 the US***

Jaewon LIM, Univ. Illinois, Urbana-Champaign, USA

Discussant: Christopher J. HENRIE, U.S. Census Bureau,
 Washington, DC





Thursday, 1:45–6:00 PM (Garden III)

Paper Session 2D ~ NE-1011 / WRSA Joint Session

Chair: Elizabeth E. DAVIS, Univ. Minnesota, St. Paul, USA

1:45–2:30

The Entrepreneur Push vs. Pull Theory: It All Depends on Location

Alison DAVIS REUM, Univ. Kentucky, Lexington, Elizabeth FADALI and Thomas R. HARRIS, Univ. Nevada, Reno, USA

Discussant: Douglas N. JONES, Ohio State Univ., Columbus, USA

2:30–3:15

Participation and Employment Dynamics of Child Care Subsidy Users in Rural and Urban Oregon

Elizabeth E. DAVIS, Univ. Minnesota, Minneapolis, Deana GROBE and Roberta B. WEBER, Oregon State Univ., Willamette, USA

Discussant: Eun-Young CHOI, Univ. Missouri, Columbia, USA

3:15–3:45, Coffee Break

3:45–4:30

Does the New Economic Geography Explain U.S. Core-Periphery Population Dynamics?

Mark PARTRIDGE, Kamar ALI, M. Rose OLFERT, Univ. Saskatchewan, Saskatoon, Canada, and Dan RICKMAN, Oklahoma State Univ., Stillwater, USA

Discussant: Steve DELLER, Univ. Wisconsin, Madison, USA

4:30–5:15

Understanding Firms' Relocation Decisions through a Self-Explicated Factor Importance Rating Framework

Wuyang HU, Joan WRIGHT, Thomas R. HARRIS, Univ. Nevada, Reno, and Linda C. COX, Univ. Hawaii, Manoa, USA

Discussant: Dawn THILMANY, National Oceanic and Atmospheric Admin., Silver Spring, MD, USA

5:15–6:00

Skills Required of Managers in Livestock Production: Evidence from Focus Group Discussion

Vera BITSCH and Nicole J. OLYNK, Michigan State Univ., East Lansing, USA

Discussant: James NOLAN, Univ. Saskatchewan, Saskatoon, Canada



Thursday, 1:45–6:00 PM (Harbor)

Paper Session 2E ~ Industries: Locational Change

Chair: Max MUNDAY, Cardiff Business School, Wales, U.K.

1:45–2:30

Firm Survival and Chain Growth in a Privatized Retail Liquor Store Industry

Andrew ECKERT and Douglas S. WEST, Univ. Alberta, Edmonton, Canada

Discussant: Johan LUNDBERG, Umeå Univ., Sweden

2:30–3:15

Urban Resurgence

Mohammad ARZAGHI, American Univ. Sharjah, and James C. DAVIS, U.S. Census Bureau, Laurel, MD, USA

Discussant: Randall W. JACKSON, West Virginia Univ., Morgantown, USA

3:15–3:45, Coffee Break

3:45–4:30

The Border Effects in Spain: An Industry-Level Analysis

Carlos LLANO, Univ. Autónoma de Madrid, and Francisco REQUENA, Univ. Valencia, Spain

Discussant: Lena C. BIRKELÖF, Umeå Univ., Sweden

4:30–5:15

Impact of Structural Funds on Regional Growth: How to Reconsider a Six Year-Old Black-Box

Sandy DALL'ERBA, Univ. Arizona, Tucson, USA, Rachel GUILLAIN, Laboratoire d'Economie, Dijon Cedex, and Julie LE GALLO, Univ. Franche-Comté, Cedex, France

Discussant: Henk FOLMER, Wageningen Univ., The Netherlands

5:15–6:00

International Trade and Industrial Agglomeration

Yao LI, Univ. Hawaii, Manoa, and East-West Center, Honolulu, USA

Discussant: Michael SONIS, Bar-Ilan Univ., Israel



Thursday, 3:45–5:30 PM (Lagoon)

WRSA Board Meeting

(By Invitation Only)

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



**Submitting Conference 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 all here participating at the conference and will be happy to discuss potential submissions.

Katharina Wetzel, our Springer Publishing Representative, is also attending this year's conference and would be delighted to talk with you at the Springer book exhibit in the display area in the Terrace Room.

Session Format and Etiquette

Per WRSA custom, each paper is given 45 full 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.

Please arrive at your session 10 minutes early to make A/V preparations. At least one participant needs to bring a laptop! As a courtesy to the presenters, all participants are asked to stay for the entire session.



Friday, February 23

7:30 AM – 12:15 PM

Coffee Available (Terrace Room)

Registration Continues (Terrace Room)

8:00 AM – 12:15 PM

Six Concurrent Paper Sessions:

- 3A Transportation, I (Beach Room)
- 3B Amenities, Resources & Development (Ocean Room)
- 3C Globalization (Patio Room)
- 3D New Urban & Employment Geographies (Garden III)
- 3E Urban Spatial Structure (Harbor Room)
- 3F Spatial Modeling (Garden Room II)

9:30 – 10:00 AM

Coffee Break (Terrace Promenade)

12:30 – 2:15 PM

Annual Banquet Luncheon (Terrace Room;
For all paid Meeting registrants; tickets required for
non-registered accompanying persons.)

2:15 – 6:00 PM

Registration Continues (Terrace Room)

2:30 – 5:45 PM

Six Concurrent Paper Sessions:

- 4A Models of Urban Growth (Beach Room)
- 4B Energy & Communications Infrastructure (Ocean)
- 4C Soc. Attributes & Newly Structuring Regions (Patio)
- 4D Environmental Analysis & Management (Garden III)
- 4E Evolving Cultural Landscapes (Harbor Room)
- 4F Transportation, II (Garden Room II)

4:00 – 4:15 PM

Coffee Break (Terrace Promenade)

6:00 – 7:30 PM

President's Reception (Terrace Room; For all Meeting
participants & accompanying persons: All welcome!)



Friday, 8:00–11:30 AM (Beach)

Paper Session 3A ~ Transportation, I

Chair: Chang-Hee Christine BAE, Univ. Washington,
Seattle, USA

8:00–8:45

**Congestion Pricing: Long-Term Economic and Land-Use
Effects**

Elena SAFIROVA, Sébastien HOUDE, D. Abram LIPMAN,
Winston HARRINGTON and Andrew BAGLINO, Resources for
the Future, Washington, DC, USA

Discussant: Hong Sok KIM, Yonsei Univ., Korea

8:45–9:30

**Improving Accessibility to Rural Health Services: The Maximal
Covering Network Improvement Problem**

Lisa MURAWSKI and Richard L. CHURCH, Univ. California,
Santa Barbara, USA

Discussant: K.S. NESAMANI, Univ. California, Irvine, USA

9:30–10:00, Coffee Break

10:00–10:45

**Evaluating the Potential to Predict Activity Types from GPS and
GIS Data**

Patrick McGOWEN, Montana State Univ., Bozeman, and Michael
McNALLY, Univ. California, Irvine, USA

Discussant: T. John KIM, Univ. Illinois, Urbana-Champaign,
USA

10:45–11:30

Risk, Preparation, Evacuation, and Rescue: Katrina's Lessons

Edd HAUSER, Sherry MEYERS ELMES and Nicholas
SWARTZ, Univ. North Carolina, Charlotte, USA

Discussant: Steven K. PETERSON, Washington State Univ.,
Pullman, USA



Friday, 8:00 AM–12:15 PM (Ocean)

Paper Session 3B ~

New Methods for Environmental Valuation

Chair: Michael J. GREENWOOD, Univ. Colorado,
Boulder, USA

8:00–8:45

Matching Estimation, Casino Gambling and the Quality of Life

Michael WENZ, Winona State Univ., MN, USA

Discussant: Mark PARTRIDGE, Univ. Saskatchewan,
Saskatoon, Canada

8:45–9:30

**Evaluating the Economics of Municipal and Industrial Rural
Water Projects: Methodologies for Determining Economic and
Financial Feasibility**

Steve PIPER, U.S. Bureau of Reclamation, Denver, CO, USA

Discussant: John E. KEITH, Utah State Univ., Logan, USA

9:30–10:00, Coffee Break

10:00–10:45

**Valuing Localized Environmental Amenities: Do Spatial Effects
Matter?**

Christopher BITTER, Univ. Arizona, Tucson, USA

Discussant: John QUIGLEY, Univ. California, Berkeley, USA

10:45–11:30

**Man vs. Manure: Assessing the Future of Land Markets in
Rural America using Agent-Based Simulation**

Tyler FREEMAN, James NOLAN and Richard SCHONEY, Univ.
Saskatchewan, Saskatoon, Canada

Discussant: Eric THOMPSON, Univ. Nebraska, Lincoln, USA

11:30–12:15

**Economic and Social Development: The Role of Public Private
Dispute Resolution Partnership Affecting the Western U.S.**

Eric THOR and Anastasa ALENTSEVA, Arizona State Univ.,
Tempe, USA

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

Previous Orange County WRSA Meetings

25th: February 26–March 1, 1986
Surf and Sand Hotel, Laguna Beach

20th: February 26–28, 1981
Newporter Inn, Newport Beach

8th: February 6–9, 1969
Newporter Inn, Newport Beach

(Note: The Hyatt Regency was formerly called the Newporter Inn.)



Friday, 8:00 AM–12:15 PM (Patio)

Paper Session 3C ~

Regional Development and Globalization

Chair: Jon R. MILLER, Univ. Idaho, Moscow, USA

8:00–8:45

From East to West: The Evolution of China's FDI Preferential Policies

Shaoming CHENG, West Virginia Univ., Morgantown, USA

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

8:45–9:30

The Role of Co-operatives in Regional Development: A Qualitative Analysis of Finnish Cases

Ulla KOTONEN, Pasi TUOMINEN and Iiro JUSSILA, Lappeenranta Univ. Technology, Finland

Discussant: Scott R. SANDERS, Cornell Univ., Ithaca, NY, USA

9:30–10:00, Coffee Break

10:00–10:45

Recent Studies in Regional Structure and Structural Changes in India

Sudhir K. THAKUR, California State Univ., Sacramento, USA

Discussant: Shaoming CHENG, West Virginia Univ., Morgantown, USA

10:45–11:30

Examining Polarization Effects of Globalization: The Case of Large U.S. Metropolitan Areas

Ardeshir ANJOMANI and Kazuyo Kay SEKIO, Univ. Texas, Arlington, USA

Discussant: Robert B. ALBRITTON, Univ. Mississippi, Oxford, USA

11:30–12:15

A Differential Game Theoretic Analysis of International Trade in Renewable Resources

Amitrajeet A. BATAYAL, Rochester Institute Technology, NY, and Hamid BELADI, North Dakota State Univ., Fargo, USA

Discussant: Euijune KIM, Seoul National Univ., Korea



Friday, 8:00 AM–12:15 PM (Garden III)

Paper Session 3D ~

New Urban and Employment Geographies

Chair: William A.V. CLARK, Univ. California, Los Angeles, USA

8:00–8:45

On the Use of Zip Codes for Socioeconomic and Spatial Analysis

Tony H. GRUBESIC, Indiana Univ., Bloomington, USA

Discussant: John SPORING, U.S. Bureau of Economic Analysis, Washington, DC, USA

8:45–9:30

Where do (near) 300-million Americans Live and Work?

Soojung KIM, Milken Institute, Santa Monica, Peter GORDON and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA

Discussant: Carlos LLANO, Autonoma Univ. Madrid, Spain

9:30–10:00, Coffee Break

10:00–10:45

The Job-Search Area in the Swedish Unemployment Insurance

Michael OLSSON, Univ. Skövde, Sweden

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

10:45–11:30

Location, Duration and Employment Accessibility: An Analysis of Immigrant Workers' Commutes in Chicago, Los Angeles and Washington, D.C.

Cathy Yang LIU, Univ. Southern California, Los Angeles, USA

Discussant: Carlos LLANO, Autonoma Univ., Madrid, Spain

11:30–12:15

Commuting Times: Is There Any Penalty for Immigrants?

Maite BLÁZQUEZ, Carlos LLANO, and Julián MORAL, Autonoma Univ., Madrid, Spain

Discussant: George SALIBA, Univ. Arizona, Tucson, USA



Friday, 8:00–11:30 AM (Harbor)

Paper Session 3E ~

Urban Spatial Structure and Growth

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

8:00–8:45

The Impact of Tax and Expenditure Limits on Economic Growth

Steven DELLER, Univ. Wisconsin, Madison, and Judith I.

STALLMANN, Univ. Missouri, Columbia, USA

Discussant: Stephen BILLINGS, Univ. Colorado, Boulder, USA

8:45–9:30

Municipal Preferences for State Imposed Amalgamations: An Empirical Study Based on the 1952 Municipal Reform in Sweden

Niklas HANES and Magnus WIKSTROM, Umeå Univ., Sweden

Discussant: Alison DAVIS REUM, Univ. Kentucky, Lexington, USA

9:30–10:00, Coffee Break

10:00–10:45

Urban Spatial Structure and Economic Growth in U.S.

Metropolitan Areas

Bumsoo LEE and Peter GORDON, Univ. Southern California, Los Angeles, USA

Discussant: Marlon BOARNET, Univ. California, Irvine, USA

10:45–11:30

Does "Smart Growth" Matter to Public Finance? Evidence from the United States

John I. CARRUTHERS, U.S. Dept. Housing and Urban Development, and Gudmundur F. ULFARSSON, Washington Univ., St. Louis, MO, USA

Discussant: Frank MITTELBACH, Univ. California, Los Angeles, USA

Friday Program continues on Page 8...

Call for Papers

Special Issue, *Annals of Regional Science*

Network Analysis of Innovation and Knowledge Dynamics

Important insights concerning innovation and knowledge flows among economic actors due to their spatial proximity have advanced our understanding of regional and national growth dynamics. The availability of new and more powerful network analysis software, plus the imaginative use of secondary administrative data (patents, publications, research alliances, etc.) or collection of primary data among collaborating agents has added a valuable new approach to such studies. The goal of this special issue is to explore the use of network analysis of these phenomena in spatial or regional contexts, including the use of novel research designs, data sets and conceptual approaches.

More information? Contact Ed Bergman, edward.bergman@gmail.com
For author information, please visit the journal's website.
Paper Submission Deadline: May 31, 2007



Friday, 8:00–11:30 AM (Garden II)

Paper Session 3F ~ Spatial Modeling

Chair: Arthur GETIS, San Diego State Univ., USA

8:00–8:45

Identifying Traveling Waves of Disease Transmission over Time and Space Using Empirical Mode Decomposition: The Case of Dengue Hemorrhagic Fever in Thailand

Arthur GETIS, Kristopher KUZERA, San Diego State Univ., Thomas SCOTT, Univ. California, Davis, CA, and Jared ALDSTADT, Univ. Buffalo, NY, USA

Discussant: Ron McCHESNEY, Ohio State Univ., Columbus, USA

8:45–9:30

Using Spatial Econometrics to Test for Price Competition Between Food Stores Based on Swedish Data

Johan LUNDBERG and Sofia LUNDBERG, Umeå Univ., Sweden

Discussant: Sandy DALL'ERBA, Univ. Arizona, Tucson, USA

9:30–10:00, Coffee Break

10:00–10:45

Traveling with the Salesman...

Jean H.P. PAELINCK, George Mason Univ., Fairfax, VA, USA

Discussant: Börje JOHANSSON, Royal Inst. Technology, Stockholm, Sweden

10:45–11:30

How to get rid of W? A Latent Variables Modeling Approach to Spatially Lagged Variables

Henk FOLMER, Wageningen Univ., and Johan OUD, Radboud

Univ. Nijmegen, The Netherlands

Discussant: Sergio REY, San Diego State Univ., CA, USA

Winners of the Charles M. Tiebout Prize in Regional Science, 1987–2006

This is the 21st 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.

- 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:** **Tracy 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



Friday, 12:30–2:15 PM

**Annual Banquet Luncheon
(Terrace Room)**

For all Meeting registrants; tickets required

Chair: Jack OSMAN, 47th WRSA President (2006–2007)

Announcements:

David A. PLANE, WRSA Executive Secretary

The 11th Annual Springer-Verlag Prize

Presented by:

Roger R. STOUGH, Börje JOHANSSON, and Euijune KIM, Co-editors, *The Annals of Regional Science*

The 21st Charles M. Tiebout Prize

Presented by:

Juanita LIU, 45th WRSA President (2004–2005) and Chair, 2006–2007 Reading Committee

Presidential Address:

"On Some Conundra in Regional Science"

Geoffrey J. D. HEWINGS, 48th WRSA President (2007–2008)

Discussant: John M. QUIGLEY, 41st WRSA President (2000–2001)



Friday, 2:30–5:45 PM (Beach)

Paper Session 4A ~ Models of Urban Growth

Chair: Gary TOMPKINS, Univ. Regina, Saskatchewan, Canada

2:30–3:15

Measuring Effects of Urban Containment Policies through the Urban Growth Model: The Case of Daegu Metropolitan Area, Korea

Jae Ik KIM and Chang-Hwan YEO, Keimyung Univ., Korea

Discussant: Ralph McLAUGHLIN, Univ. California, Irvine, USA

3:15–4:00

Evaluation of the Degree of the Sufficiency of Public Green Spaces as an Indicator of Urban Density in Metropolitan Areas in Japan

Kayoko YAMAMOTO, National Univ. Electro-Communications, Tokyo, Japan

Discussant: Minwuyelet MELESSE, Addis Ababa Univ., Ethiopia

4:00–4:15, Coffee Break

4:15–5:00

Modeling Cities in 3D: A Cellular Automaton Approach

Lucien BENGUIGUI, Daniel CZAMANSKI and Rafael ROTH, Technion, Haifa, Israel

Discussant: Tony GRUBESIC, Indiana Univ., Bloomington, USA

5:00–5:45

Heeding the Advice of Tobler and Lee in the Formulation and Operation of a Simple Urban Growth Model

Ron McCHESNEY, Ohio State Univ., Columbus, USA

Discussant: Liming WANG, Univ. Washington, Seattle, USA



Friday, 2:30–5:45 PM (Ocean)

Paper Session 4B ~

Energy and Communications Infrastructure

Chair: Kingsley E. HAYNES,

George Mason Univ., Fairfax, VA, USA

2:30–3:15

The Regional Economic Impacts of Hurricanes Katrina and Rita on Oil and Gas Refinery Operations in the Gulf of Mexico: Applying a Flexible Multi-regional Input-Output Model

Yunkyung KIM, Jiyoung PARK, Peter GORDON, James E.

MOORE II and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA

Discussant: Paul POLZIN, Univ. Montana, Missoula, USA

3:15–4:00

Biorefineries Using Agricultural Residue Feedstock in the Great Plains

F. Larry LEISTRITZ, Nancy M. HODUR, North Dakota State Univ., Donald M. SENECHAL, Windmill Group, Mark D.

STOWERS, William F. McDONALD and Chris M. SAFFRON, MBI International, USA

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

4:00–4:15, Coffee Break

4:15–5:00

The Role of Telecommunications Infrastructure in Regional Economic Growth in China

Lei DING, Univ. North Carolina, Chapel Hill, and Kingsley E.

HAYNES, George Mason Univ., Fairfax, VA, USA

Discussant: Peter FRIEDRICH, Univ. Federal Armed Forces, Munich, Germany

5:00–5:45

Matching Regulatory Arrangements with Public Values in the Provision of Energy and Telecommunications

Douglas N. JONES, Ohio State Univ., Columbus, USA

Discussant: Yanchun LIU, George Mason Univ., Fairfax, VA, USA



Friday, 2:30–5:45 PM (Patio)

Paper Session 4C ~

Social Attributes and Newly Structuring Regions

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

2:30–3:15

Industry R&D Location: The Role of Accessibility to University R&D and Institutions of Higher Education

Martin ANDERSSON, Charlie KARLSSON, Jönköping Univ., and Urban GRÅSJÖ, Univ. Trollhättan, Uddevalla, Sweden

Discussant: W. Mark BROWN, Statistics Canada, Ottawa, Ontario, Canada

3:15–4:00

Trust and Institutions: A Multilevel Analysis

Lanlan WANG and Peter GORDON, Univ. Southern California, Los Angeles, USA

Discussant: William SANDER, DePaul Univ., Chicago, IL, USA

4:00–4:15, Coffee Break

4:15–5:00

Social Capital and the Creative Class: Civil Society, Regional Development and High-Tech Industry in Japan

Hans WESTLUND, National Institute for Working Life, and Federica CALIDONI-LUNDBERG, Swedish Institute for Growth Policy Studies, Östersund, Sweden

Discussant: Roger R. STOUGH, George Mason Univ., Fairfax, VA, USA

5:00–5:45

Poles of Competitiveness and Cluster Policy in France

Bernard BIZET, ESSEC Paris Business School, France

Discussant: Richard WOEBBEKIND, Univ. Colorado, Boulder, USA



Friday Program continues on Page 10...



Friday, 2:30–5:00 PM (Garden III)

Paper Session 4D ~

Environmental Management and Policy

Chair: Katharine L. JACOBS,
Arizona Water Institute, Tucson, USA

2:30–3:15

The Economics of an Exhaustible Resource: The Maui Sand Market

Thomas LOUDAT, TAL Associates, Honolulu, HI, and Prahlad KASTURI, Radford Univ., Blacksburg, VA, USA

Discussant: Eric THOR, Arizona State Univ., Tempe, USA

3:15–4:00

Science and Sustainability in the San Pedro Basin, Arizona

George SALIBA, Univ. Arizona, and Katharine L. JACOBS, Arizona Water Institute, Tucson, USA

Discussant: Vera BITSCH, Michigan State Univ., East Lansing, USA

4:00-4:15, Coffee Break

4:15–5:00

Exploratory Data Analysis and Determinants of Municipal Water Use in Canada

Chokri DRIDI, Univ. Alberta, Edmonton, Canada, and Maria PLOTNIKOVA, Univ. Strathclyde, Scotland

Discussant: Amit BATABYAL, Rochester Institute of Technology, NY, USA



Friday, 2:30–5:45 PM (Harbor)

Paper Session 4E ~ Evolving Cultural Landscapes

Chair: Jaewon LIM, Univ. Illinois, Urbana-Champaign, USA

2:30–3:15

Spatial Dependence in Agricultural Sector Financial Performance

Philip WATSON and Dawn THILMANY, National Oceanic and Atmospheric Administration, Silver Spring, MD, USA

Discussant: Gianfranco PIRAS, G. d'Annunzio Univ., Pescara, Italy

3:15–4:00

The Metropole versus the Countryside: The Two Cultures of Thailand and Their Impacts on Political Consolidation

Robert B. ALBRITTON, Univ. Mississippi, USA

Discussant: Elizabeth E. DAVIS, Univ. Minnesota, St. Paul, USA

4:00-4:15, Coffee Break

4:15–5:00

How Stable Are Red and Blue America? The 2006 Elections, Erosion of Red and Blue America

Richard MORRILL, Univ. Washington, Seattle, and Larry KNOPP, Univ. Minnesota, Duluth, USA

Discussant: Luis A. GALVIS, Univ. Illinois, Urbana-Champaign, USA

5:00–5:45

Decentralization of the Nation's Main Street: New Coastal-Proximity-Based Portrayals of Population in the United States, 1950-2000

Christopher J. HENRIE, U.S. Census Bureau, Washington, DC, and David A. PLANE, Univ. Arizona, Tucson, USA

Discussant: Martin KORPI, Uppsala Univ., Sweden



Friday, 2:30–5:45 PM (Garden II)

Paper Session 4F ~ Transportation, II

Chair: T. John KIM, Univ. Illinois, Urbana-Champaign, USA

2:30–3:15

Commuting Patterns of Nationals and Immigrants by Sector in the Madrid Region

Carlos LLANO, Maite BLÁZQUEZ and Julián MORAL, Autonoma Univ., Madrid, Spain

Discussant: Cathy Yang LIU, Univ. Southern California, Los Angeles, USA

3:15–4:00

Congestion Pricing: The Implications of London's Congestion Charging Scheme (LCCS) and the Stockholm Trial for the United States

Chang-Hee Christine BAE, Univ. Washington, Seattle, and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA

Discussant: Michael McNALLY, Univ. California, Irvine, USA

4:00-4:15, Coffee Break

4:15–5:00

Genetic Algorithm Approach to a Concierge Service Problem in Location-Based Services

Seungmo KANG and Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

Discussant: Richard L. CHURCH, Univ. California, Santa Barbara, USA

5:00–5:45

Speed Estimation for Regional Air Quality Analysis

K S NESAMANI, Univ. California, Irvine, USA

Discussant: Elena SAFIROVA, Resources for the Future, Washington, DC, USA



**Friday, 5:45–7:15 PM
President's Reception
(Terrace Room)**

*For All Participants
and Accompanying Persons*

Everyone Welcome!

Hosted by: Geoffrey J. D. HEWINGS,
48th WRSa President (2007–2008)

*Thanks to the Regional Economics Laboratory and
The Institute of Government and Public Affairs
at the University of Illinois for their support of this
year's conference*



Saturday, February 24

7:45 AM – 12:15 PM

Coffee Available (Terrace Room)

Registration Continues (Terrace Room)

8:00 AM – 12:15 PM

Five Concurrent Paper Sessions:

5A Location Theory, I (Beach)

5B Remote Regions, I (Ocean)

5C Transportation, III (Patio)

5D Regional Science and Terrorism (Garden III)

5E Western States Economic Outlook, I (Harbor)

9:30 – 10:00 AM

Coffee Break (Terrace Promenade)

12:15 – 1:15 PM

Lunch Break (On your own this day)

1:15 – 5:30 PM

Five Concurrent Paper Sessions:

6A Western States Outlook, II (ends @ 2:45; Beach)

6B Location Theory, II (Ocean)

6C Remote Regions, II (Patio)

6D Education, Labor & Human Capital (Garden III)

6E Economic Structure (Harbor)

2:45 – 3:15 PM

Coffee Break (Terrace Promenade)

3:15 – 5:30 PM

6F U.S. Immigration Discussion Session (Beach)

5:30 PM

Conference Ends



Saturday, 8:00–11:30 AM (Beach)

Paper Session 5A ~ Location Theory, I

Chair: Akio MATSUMOTO, Chuo Univ., Japan

8:00–8:45

Tax Competition and Public Input Provision with Imperfect Labor Market

Hikaru OGAWA, Yasuhiro SATO and Toshiki TAMAI, Nagoya Univ., Japan

Discussant: Tatsuyoshi MIYAKOSHI, Osaka Univ., Japan

8:45–9:30

School Choice: Traditional Mechanisms and Extending the Poor's Ability to Choose

Eric HANUSHEK, Stanford Univ., CA, USA, Sina SARPA and Kuzey YILMAZ, Koç Univ., Istanbul, Turkey

Discussant: Eric J. HEIKKILA, Univ. Southern California, Los Angeles, USA

9:30–10:00, Coffee Break

10:00–10:45

Amenity Advantages, Increasing Returns, and Urban Growth

Chunhua WANG and JunJie WU, Oregon State Univ., Corvallis, USA

Discussant: Gary TOMPKINS, Univ. Regina, Saskatchewan, Canada

10:45–11:30

A General Equilibrium Analysis of Land Use Restrictions and Residential Welfare

John M. QUIGLEY, Univ. California, Berkeley, and Aaron SWOBODA, Univ. Pittsburgh, PA, USA

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



Saturday, 8:00–11:30 AM (Ocean)

Paper Session 5B ~ Remote Regions, I

Chair: Lee HUSKEY, Univ. Alaska, Anchorage, USA

8:00–8:45

The Internet in the Farm and Rural Economic Sectors

Peter STENBERG and Mitchell MOREHART, USDA, USA

Discussant: Lee HUSKEY, Univ. Alaska, Anchorage, USA

8:45–9:30

Utter Confusion: The Sustainability, Privatization, or Dissolution of the Alaska Dairy Industry

Greg PROTASEL, Univ. Alaska, Anchorage, USA

Discussant: Jes ADOLPHSEN, Aalborg Univ.

9:30–10:00, Coffee Break

10:00–10:45

Small Business Financing: Assessing Potential Gaps in Atlantic Canada

Pierre-Marcel DESJARDINS and Yves BOURGEOIS, Univ. Moncton, Canada

Discussant: Michael BAFFREY, Exxon Valdez Oil Spill Trustee Council

10:45–11:30

The Influence of Oil and Gas Campaign Contributions on Alaska Elections

Mary EHRLANDER, Univ. Alaska, Fairbanks, USA

Discussant: Tom GREIFFENBERG, Greenland Home Rule Government

WRSA 46th Annual Meeting Program Committee

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John Carruthers

Cole Fitzpatrick

Laura Huntoon

Katharine Jacobs

Jason Jurjevich



Session Organizers:

Elizabeth Davis

Lee Huskey

Adam Rose

Keith Schwer



Saturday Program continues on Page 12...



Saturday, 8:00 AM–12:15 PM (Patio)

Paper Session 5C ~ Transportation, III

Chair: Peter GORDON, Univ. Southern California,
Los Angeles, USA

8:00–8:45

The Economic and Fiscal Effects of the Magnetic Train Connecting Central Railway Station to Airport Munich

Peter FRIEDRICH, Alina POPESCU and Heinrich Günter WONNEMANN, Univ. Federal Armed Forces, Munich, Germany
Discussant: Patrick McGOWEN, Montana State Univ.,
Bozeman, USA

8:45–9:30

Transportation Infrastructure and Economic Activity: Evidence Using Vector Autoregressions, Error Correction and Directed Acyclic Graphs

Steven K. PETERSON and Eric L. JESSUP, Washington State Univ., Pullman, USA
Discussant: James E. MOORE, Univ. Southern California, Los Angeles, USA

9:30–10:00, Coffee Break

10:00–10:45

Urban Tollroads in Dallas, Texas: An Assessment of their Economic, Fiscal and Development Impacts after 40 Years

Bernard L. WEINSTEIN and Terry L. CLOWER, Univ. North Texas, Denton, USA
Discussant: Peter GORDON, Univ. Southern California, Los Angeles, USA

10:45–11:30

Subsidies and Welfare Maximization Tradeoffs in Bus Transit Systems

Ying ZHOU, California Dept. Transportation, Oakland, Hong Sok KIM, Yonsei Univ., Seoul, Paul SCHONFELD, Univ. Maryland, College Park, USA, and Eungcheol KIM, Univ. Incheon, South Korea
Discussant: Edd HAUSER, Univ. North Carolina, Charlotte, USA



Saturday, 8:00 AM–12:15 PM (Garden III)

Paper Session 5D ~ Regional Science and Terrorism

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

8:00–8:45

Short and Intermediate Economic Impacts of a Terrorist-Initiated Loss of Electric Power: Case Study of New Jersey

Michael GREENBERG, Nancy MANTELL, Michael LAHR, Frank FELDER, Rutgers Univ., New Brunswick, NJ, and Rae ZIMMERMAN, New York Univ., USA

Discussant: Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA

8:45–9:30

Estimating the Total Economic Impacts of Extreme Events: Application to a Radionuclide Attack on a Municipal Water System

Adam ROSE, Univ. Southern California, Los Angeles, USA
Discussant: Christopher BITTER, Univ. Arizona, Tucson, USA

9:30–10:00, Coffee Break

10:00–10:45

Inoperability Input-Output Model (IIM) with Multiple Probabilistic Sector Inputs

Joost R. SANTOS, Univ. Virginia, Charlottesville, USA
Discussant: JiYoung PARK, Univ. Southern California, Los Angeles, USA

10:45–11:30

The Economic Impacts of a Terrorist Attack on the Downtown Los Angeles Financial District

Harry W. RICHARDSON, Peter GORDON, James E. MOORE II, Univ. Southern California, Los Angeles, and Qisheng PAN, Texas Southern Univ., USA
Discussant: Andrew J. CASSEY, Univ. Minnesota, Minneapolis, USA

11:30–12:15

Why is the United States a Less Attractive Tourist Destination?

Garrett R. ASAY, Univ. Southern California, Los Angeles, and Kathleen DELOUGHERY, Ohio State Univ., Columbus, USA
Discussant: Sherry MEYERS ELMES, Univ. North Carolina, Charlotte, USA



Saturday, 8:00–11:30 AM (Harbor)

Panel Session 5E ~ (Cosponsored by AUBER)

Western States Economic Outlook, I

Chair: R. Keith Schwer, Univ. Nevada, Las Vegas, USA

Overview of the Western States

Timothy D. HOGAN, Arizona State Univ., Tempe

Nebraska and The Dakotas

Eric THOMPSON, Univ. Nebraska, Lincoln

Texas

Bruce KELLISON, Univ. Texas, Austin

9:30–10:00, Coffee Break

California

Esmael ADIBI, Chapman Univ., Orange, CA

Arizona

Marshall VEST, Univ. Arizona, Tucson

Montana

Paul POLZIN, Univ. Montana, Missoula



Saturday, 12:15–1:15 PM

Lunch Break (On your own this day)



Saturday, 1:15–2:45 PM (Beach)

Panel Session 6A ~ (Cospponsored by AUBER)

Western States Economic Outlook, II

Chair: Timothy HOGAN, Arizona State Univ., Tempe, USA

Colorado

Richard WOBBEKIND, Univ. Colorado, Boulder

Nevada

R. Keith SCHWER, Univ. Nevada, Las Vegas

Idaho

Kaitlin COLEMAN, Whitman College, Walla Walla, WA

Washington and Oregon

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



Saturday, 1:15–4:45 PM (Ocean)

Paper Session 6B ~ Location Theory, II

Chair: Andrew ECKERT, Univ. Alberta, Edmonton, Canada

1:15–2:00

Complication (Evolution of Complexity) Mathematical Models Inspired by Empirical Regularities of Spatial Socio-Economic and Behavioral Sciences

Michael SONIS, Bar Ilan Univ., Ramat-Gan, Israel

Discussant: Chunhua WANG, Oregon State Univ., Corvallis, USA

2:00–2:45

Fujita and Ogawa Revisited: An Agent Based Modeling Approach

Eric J. HEIKKILA and Yiming WANG, Univ. Southern California, Los Angeles, USA

Discussant: Hikaru OGAWA, Nagoya Univ., Japan

2:45–3:15, Coffee Break

3:15–4:00

Public Expenditure Composition and Economic Growth: Better Adjustment versus Best Adjustment

Tatsuyoshi MIYAKOSHI, Osaka Univ., Yashihiko TSUKUDA and Makoto KOYANAGI, Tohoku Univ., Japan

Discussant: Adam ROSE, Univ. Southern California, USA

4:00–4:45

Delayed Dynamics in Heterogeneous Competition with Product Differentiation

Akio MATSUMOTO, Chuo Univ., Tokyo, Japan, and Ferenc SZIDAROVSKY, Univ. Arizona, Tucson, USA

Discussant: Kuzey YILMAZ, Koç Univ., Istanbul, Turkey

And Next Year...

The Big Island of Hawai'i!

In 2008 we'll be on the Kona Coast of the Big Island of Hawai'i for our 47th Annual Meeting. The conference will be held for the first time at the spectacular Hilton Waikoloa Village Resort. (Check it out! www.hiltonwaikoloavillage.com)

Reserve the dates February 17 (Sunday) to 20 (Wednesday). WRSA's 47th 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.



Saturday, 1:15–4:45 PM (Patio)

Paper Session 6C ~ Remote Regions, II

Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA

1:15–2:00

Long Lines in Arctic Coal Mining

Jan Yngve SAND and Stein OSTBYE, Univ. Tromso, Norway

Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA

2:00–2:45

Population Dispersion and Concentration in Greenland

Jes ADOLPHSEN, Aalborg Univ, Denmark, and Tom

GREIFFENBERG, Greenland Home Rule Government

Discussant: Mary EHRLANDER, Univ. Alaska, Fairbanks

2:45–3:15, Coffee Break

3:15–4:00

Migration Decisions in the Arctic: Empirical Evidence of the Stepping Stones Hypothesis

Lance HOWE and Lee HUSKEY, Univ. Alaska, Anchorage, USA

Discussant: Pierre-Marcel DESJARDINS, Univ. Moncton, Canada

4:00–4:45

The Social and Economic Effects of Oil and Gas Activities in the Arctic

Michael BAFFREY, Exxon Valdez Oil Spill Trustee Council

Discussant: Peter Stenberg, Economic Research Service, Washington, DC, USA



Saturday, 1:15–5:30 PM (Garden III)

Paper Session 6D ~

Education, Labor Markets and Human Capital

Chair: Bernard L. WEINSTEIN, Univ. North Texas, Denton, USA

1:15–2:00

Determinants of Child Care Choices among Working Mothers

Eun-Young CHOI, Thomas G. JOHNSON and Amy LAKE, Univ. Missouri, Columbia, USA

Discussant: Rebecca HOLTZ, Pomona College, CA, USA

2:00–2:45

Are Magnet Programs Still Integrating Los Angeles Public Schools?

Rebecca HOLTZ, Pomona College, CA, USA

Discussant: Cole T.E. FITZPATRICK, Univ. Arizona, USA

2:45–3:15, Coffee Break

3:15–4:00

Student Loan Default Rates in Baccalaureate Granting Institutions

Tristan MARKWELL and Eric THOMPSON, Univ. Nebraska, Lincoln, USA

Discussant: Michael OLSSON, Univ. Skövde, Sweden

4:00–4:45

The Geography of Educationally Disaggregated Migration Flows in the United States, 1995–2000

Beth A. WILKINSON, Univ. Arizona, Tucson, USA

Discussant: Jaewon LIM, Univ. Illinois, Urbana-Champaign

4:45–5:30

The Choice between City and Suburbs: Economic and Demographic Influences

William SANDER, DePaul Univ., Chicago, IL, USA

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

Saturday Program continues on Page 14...



Saturday, 1:15–5:30 PM (Harbor)

Paper Session 6E ~ Economic Structure

Chair: Randall W. JACKSON, West Virginia Univ., Morgantown, USA

1:15–2:00

The Supply-Driven Input-Output Model: A Reinterpretation and Extension

JiYoung PARK, Univ. Southern California, Los Angeles, USA
Discussant: Michael L. LAHR, Rutgers Univ., New Brunswick, NJ, USA

2:00–2:45

High-Income Out-Commuting and Economic Prosperity in a Small Region: A Study of Moscow, Idaho

Jon R. MILLER, Steven PETERSON, Univ. Idaho, and Hank ROBISON, EMSI, Moscow, USA
Discussant: Garrett R. ASAY, Univ. Southern California, Los Angeles, USA

2:45–3:15, Coffee Break

3:15–4:00

Constructing a Flexible National Interstate Economic Model (FlexNIEMO)

Peter GORDON, James E. MOORE II, JiYoung PARK and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA

Discussant: Joost R. SANTOS, Univ. Virginia, Charlottesville, USA

4:00–4:45

State Export Data: Origin of Movement vs. Origin of Production

Andrew J. CASSEY, Univ. Minnesota, Minneapolis, USA
Discussant: Qisheng PAN, Texas Southern Univ., Houston, USA

4:45–5:30

Comparing Gross and Net Employment Outcomes from Structural Funds Programmes: Some Issues from the Mid-term Evaluations of the Objective 1 Programme in West Wales and the Valleys

Max MUNDAY, Cardiff Business School, Wales, and Gareth WILLIAMS, Old Bell 3, Ludford, U.K.

Discussant: Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA



Saturday, 3:15–5:30 PM (Beach)

Discussion Session 6F ~ (Co-sponsored by AUBER)

U.S. Immigration

Chair: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Mexican Immigrants: The New Face of the South Carolina Labor Force

Doug WOODWARD, Univ. South Carolina, Charleston

Discussion of Immigration Research Agendas
(AUBER Research Centers)

All conference participants are invited to take part in the discussion.

5:30 PM, Conference ends.



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Beth Wilkinson



Program Participant Locator

Session assignments are listed following each participant's name:

1A, 1B, 1C, 1D, 1E **on Thursday Morning**
 2A, 2B, 2C, 2D, 2E **on Thursday Afternoon**
 3A, 3B, 3C, 3D, 3E, 3F **on Friday Morning**
 4A, 4B, 4C, 4D, 4E, 4F **on Friday Afternoon**
 5A, 5B, 5C, 5D, 5E **on Saturday Morning**
 6A, 6B, 6C, 6D, 6E, 6F **on Saturday Afternoon**

OS = Opening Session **on Wednesday Afternoon**
 NE = NE-1011 Business Meeting **on Thursday Morning**
 AM = *Annals* Board Meeting **on Thursday Afternoon**
 WB = WRSA Board Meeting **on Thursday Afternoon**
 AB = Annual Banquet Luncheon **on Friday**

Roman typeface (regular font) for a session designator indicates a paper author, panelist, or speaker;

Boldface indicates a session chair; *Italics* indicate a discussant.

-A-

ADIBI, E. (OS, 5E) adibi@chapman.edu
 ADOLPHSEN, J. (5B, 6C) jes@socsci.aau.dk
 ALBRITTON, R.B. (3C, 4E) ralbritt@olemiss.edu
 ALDSTADT, J. (3F)
 ALENTSEVA, A. (3B)
 ALI, K. (2D) kamar.ali@usask.ca
 ALKAY, E. (1D)
 ANDERSSON, M. (1A, 4C) martin.andersson@ihh.hj.se
 ANJOMANI, A. (1A, 3C) anjomani@uta.edu
 ARBIA, G. (1C)
 ARSENAULT, A.M. (1D) adam.arsenault@usask.ca
 ARZAGHI, M. (2E) marzaghi@aus.edu
 ASAY, G.R. (5D, 6E) garrett.asay@usc.edu

-B-

BAE, C.H.C. (3A, 4F) cbae@u.washington.edu
 BAFFREY, M. (5B, 6C) michael_baffrey@ios.doi.gov
 BAGLINO, A. (3A)
 BASTIAN, C.T. (1D)
 BATABYAL, A.A. (3C, 4D) aabgsh@rit.edu
 BECKMANN, M. (WB)
 BECKSTEAD, D. (1A) beckste@statcan.ca
 BELADI, H. (6B) hamid.beladi@ndsu.nodak.edu
 BENGUIGUI, L. (4A)
 BILLINGS, S. (2B, 3E) billinsb@colorado.edu
 BIRKELÖF, L.C. (1E, 2E) lena.birkelof@econ.umu.se
 BITSCH, V. (2D, 4D) bitsch@msu.edu
 BITTER, C. (3B, 5D) cbitter@email.arizona.edu
 BIZET, B. (2B, 4C) bizet@essec.fr
 BLÁZQUEZ, M. (3D, 4F) maite.blazquez@uam.es
 BOARNET, M.G. (2B, 3E) mgboarne@uci.edu
 BOEKEMA, F. (1A) f.w.m.boekema@uvt.nl
 BOURGEOIS, Y. (5B)
 BROWN, L.A. (1B, 2C) brown.8@osu.edu
 BROWN, W.M. (1A, 4C) mark.brown@statcan.ca

-C-

CALIDONI-LUNDBERG, F. (4C)
 federica.calidonilundberg@itps.se
 CARROLL, M.C. (1A) mcarrol@bgnet.bgsu.edu
 CARRUTHERS, J.I. (2B, 3E) john.i.carruthers@hud.gov

CASSEY, A.J. (5D, 6E) cassey@econ.umn.edu
 CHAKRAVORTY, S. (1C, 1C) sanjoy@temple.edu
 CHENG, S. (3C, 3C) shaoming.cheng@mail.wvu.edu
 CHO, K. (2C)
 CHOI, E.Y. (2D, 6D) ecd26@mizzou.edu
 CHOI, S. (1B, 2C) choi@scag.ca.gov
 CHUNG, S.Y. (1B)
 CHURCH, R.L. (3A, 4F) church@geog.ucsb.edu
 CLARK, W.A.V. (2C, 3D) wclark@geog.ucla.edu
 CLOWER, T.L. (3C, 5C) tclower@unt.edu
 COLEMAN, K. (6A)
 COUPAL, R.H. (1D)
 COX, L.C. (2D) lcox@hawaii.edu
 CZAMANSKI, D. (2A, 4A) ardaniel@tx.technion.ac.il

-D-

DALL'ERBA, S. (2E, 3F) dallerba@email.arizona.edu
 DAVIS, E.E. (NE, 2D, 2D, 4E) edavis@umn.edu
 DAVIS, J.C. (1C, 2E) jdavis@nber.org
 DAVIS REUM, A. (2D, 3E) alison.reum@uky.edu
 DE DOMINICIS, L. (1C) ldedominicis@lfweb.vu.nl
 DELLER, S. (2D, 3E) dellers@aaw.wisc.edu
 DELOUGHERY, K. (5D)
 DESJARDINS, P.M. (5B, 6C) desjarm@umoncton.ca
 DING, L. (1A, 2A, 4B) lei_ding@unc.edu
 DRIDI, C. (4D) cdridi@ualberta.ca

-E-

ECKERT, A. (2E, 6B) aeckert@ualberta.ca
 EHRLANDER, M. (5B, 6C) ffmfe@uaf.edu

-F-

FADALI, E. (2D)
 FAN, Y.H. (WB) yhfan@ntu.edu.tw
 FARRELL, L.M. (1E, 2A) michael_farrell@uqtr.ca
 FELDER, F. (5D)
 FITZPATRICK, C.T.E. (2C, 6D) colef@email.arizona.edu
 FOLMER, H. (2E, 3F) henk.folmer@wur.nl
 FOULKE, T. K. (1D, 4B) foulke@uwoyo.edu
 FREEMAN, T. (3B)
 FRIEDRICH, P. (4B, 5C) peter.friedrich@unibw-muenchen.de

-G-

GALVIS, L.A. (1C, 4E) galvis@uiuc.edu
 GELLATLY, G. (1A)
 GETIS, A. (1C, WB, 3F, 3F) agetis@sciences.sdsu.edu
 GIBSON, L.J. (WB, 4C) ljgibson@ag.arizona.edu
 GILL, W.G. (1D, WB) gill@sfu.ca
 GONZÁLEZ RIVAS, M. (1C, 2B) gonzalm@email.unc.edu
 GORDON, P. (WB, 3D, 3E, 4B, 4C, 5C, 5C, 5D, 6E)
 pgordon@usc.edu
 GÖßLING, T. (1A) t.goessling@uvt.nl
 GRÅSJÖ, U. (4C) urban.grasjo@htu.se
 GREENBERG, M. (5D) mrg@rci.rutgers.edu
 GREENWOOD, M.J. (1B, WB, 3B)
 michael.greenwood@colorado.edu
 GREIFFENBERG, T. (5B, 6C) tog@gh.gl
 GRIFFITH, D.A. (3F) dagriffith@utdallas.edu
 GROBE, D. (2D)
 GRUBESIC, T.H. (3D, 4A) tgrubesi@indiana.edu
 GUILLAIN, R. (2E) guillain@u-bourgogne.fr

-H-

HANES, N. (1E, 3E) niklas.hanes@econ.umu.se
 HANUSHEK, E. (5A) hanushek@hoover.stanford.edu
 HARRINGTON, W. (3A)
 HARRIS, T.R. (2D, 3B) harris@cabnr.unr.edu
 HAUSER, E. (3A, 5C) ehauser@email.uncc.edu
 HAYNES, K.E. (WB, 4B, 4B) khaynes@gmu.edu
 HEIKKILA, E.J. (5A, 6B) heikkila@usc.edu
 HENRIE, C.J. (2C, 4E) christopher.j.henrie@census.gov
 HEWINGS, G.J.D. (WB, AB, 6E) hewings@uiuc.edu
 HODUR, N.M. (1D, 4B) nhodur@ndsuext.nodak.edu
 HOGAN, T.D. (1B, WB, 5E, 6A) tim.hogan@asu.edu
 HOLLAND, D.W. (WB) holland@wsu.edu
 HOLTZ, R. (6D, 6D) rebecca.holtz@pomona.edu
 HOUDE, S. (3A)
 HOWE, L. (6C)
 HU, W. (2D) whu@cabnr.unr.edu
 HUSKEY, L. (5B, 5B, 6C) aflh@uaa.alaska.edu

-J-

JACKSON, R.W. (2E, WB, 6E) randall.jackson@mail.wvu.edu
 JACOBS, K.L. (4D, 4D) kjacobs@azwaterinstitute.org
 JAKUS, P. (1D)
 JESSUP, E.L. (5C) eric_jessup@wsu.edu
 JOHANSSON, B. (1A, AM, AB, 3F) borje.johansson@ihh.hj.se
 JOHNSON, T.G. (6D) johnsontg@missouri.edu
 JONES, D.N. (2D, 4B) jones.1@osu.edu
 JUN, E.H. (1E)
 JUSSILA, I. (3C) iiro.jussila@lut.fi

-K-

KANG, S. (4F) skang2@uiuc.edu
 KARLSSON, C. (1A, 4C) charlie.karlsson@jibs.hj.se
 KASTURI, P. (1D, 4D) pkasturi@radford.edu
 KEITH, J.E. (1D, 3B) jkeith@econ.usu.edu
 KELLISON, B. (5E)
 KIM, A. (2A)
 KIM, E. (AM, 2A, 3C, AB) euijune@snu.ac.kr
 KIM, E. (5C) eckim@incheon.ac.kr
 KIM, H.S. (3A, 5C) hskim66@yonsei.ac.kr
 KIM, J.I. (2A, 4A) kji@kmu.ac.kr

KIM, S. (3D) skim@milkeninstitute.org
 KIM, T.J. (WB, 3A, 4F, 4F) tjohnkim@uiuc.edu
 KIM, Y. (4B) yunkyunk@usc.edu
 KNOPP, L. (4E)
 KOH, K.S. (1E)
 KORPI, M. (2C, 4E) martin.korpi@framtdsstudier.se
 KOTONEN, U. (1A, 3C) ulla.kotonen@lut.fi
 KOYANAGI, M. (6B)
 KUZERA, K. (3F)

-L-

LAHR, M.L. (5D, 6E) lahr@rci.rutgers.edu
 LAKE, A. (6D) lakea@missouri.edu
 LEE, B. (3E, 6D) bumsoole@usc.edu
 LEE, S.W. (1B, 1B, 1E) seonglee@snu.ac.kr
 LE GALLO, J. (2E) jlegallous@yahoo.com
 LEISTRITZ, F.L. (4B) f.leistriz@nodak.edu
 LI, Y. (1C, 2E) yaol@hawaii.edu
 LIM, J. (2C, 4E, 6D) jlim2@uiuc.edu
 LIPMAN, D.A. (3A)
 LIU, C.Y. (3D, 4F) liuyang@usc.edu
 LIU, J.C. (1D, 1D, AB) liujuani@hawaii.edu
 LIU, Y. (1C, 4B) yliua@gmu.edu
 LLANO, C. (2E, 3D, 3D, 4F) carlos.llano@uam.es
 LOUDAT, T. (4D) tomloud@earthlink.net
 LUNDBERG, J. (2E, 3F) johan.lundberg@econ.umu.se
 LUNDBERG, S. (3F)

-M-

MANTELL, N. (5D)
 MARCIL, G.R. (1E)
 MARKWELL, T. (6D)
 MATSUMOTO, A. (5A, 6B) akiom@tamacc.chuo-u.ac.jp
 McCHESNEY, R. (3F, 4A) mcchesney.11@osu.edu
 McDONALD, W.F. (4B)
 McDOWELL, J.M. (1B)
 McGOWEN, P. (3A, 5C) patm@coe.montana.edu
 McLAUGHLIN, R. (2B, 4A) mclaughr@uci.edu
 McNALLY, M. (3A, 4F) mmcally@uci.edu
 MELESSE, M. (1E, 4A) minwuyet123@yahoo.com
 MERA, K. (3E, 5A) mera@usc.edu
 MEYERS ELMES, S. (3A, 5D) smelmes@email.uncc.edu
 MILLER, J.R. (3C, 6E) jrmecon@uidaho.edu
 MITTELBACH, F.G. (2A, WB, 3E)
 fmittelb@anderson.ucla.edu
 MIYAKOSHI, T. (5A, 6B) miyakoshi@osipp.osaka-u.ac.jp
 MOORE, J.E., II (4B, 5C, 5D, 6E) jmoore@usc.edu
 MORAL, J. (3D, 4F) julian.moral@uam.es
 MOREHART, M. (5B)
 MORRILL, R.L. (1B, 4E) morrill@u.washington.edu
 MUNDAY, M. (2E, 6E) mundaymc@cf.ac.uk
 MURAWSKI, L. (3A)
 MURRAY, A. (WB) murray.308@osu.edu

-N-

NAM, S.Y. (1E, 2A) atoi1@snu.ac.kr
 NESAMANI, K.S. (3A, 4F) nesamani@uci.edu
 NEWBOLD, K.B. (1B, 2C, WB) newbold@mcmaster.ca
 NOLAN, J. (2D, 3B) james.nolan@usask.ca

-O-

OGAWA, H. (5A, 6B) ogawa@soec.nagoya-u.ac.jp
 OLFERT, M.R. (2D) rose.olfert@usask.ca
 OLSON, D. (1D)
 OLSSON, M. (3D, 6D) michael.olsson@his.se
 OLYNK, N.J. (2D)
 OSMAN, J. (OS, 1B, WB, 3D, AB) josman@sfsu.edu
 ØSTBYE, S. (6C) stein.ostbye@nfh.uit.no
 OUD, J. (3F) j.oud@pwo.ru.nl

-P-

PAELINCK, J.H.P. (1C, WB, 3E) j.paelinck@planet.nl
 PAN, Q. (2B, 5D, 6E) pan_qs@tsu.edu
 PARCELLS, R.P. (6A) parcels@whitman.edu
 PARK, J.Y. (1B, 4B, 5D, 6E) jjiyoungp@usc.edu
 PARTRIDGE, M. (2D, 3B) mark.partridge@usask.ca
 PETERSON, S. (6E)
 PETERSON, S.K. (3A, 5C) skpeter@wsu.edu
 PIPER, S. (1D, 2B, 3B) skipiper@central.com
 PIRAS, G. (1C, 4E) gianfrancopiras@gmail.com
 PLANE, D.A. (WB, AB, 4E) plane@email.arizona.edu
 PLOTNIKOVA, M. (4D) maria.plotnikova@strath.ac.uk
 POLZIN, P. (2B, 4B, 5E) paul.polzin@business.umt.edu
 POPESCU, A. (5C) alina.popescu@unibw-muenchen.de
 PROTASEL, G. (5B, 6C, 6C) GP@uaa.alaska.edu

-Q-

QIAN, H. (1A)
 QUIGLEY, J.M. (3B, WB, AL, 5A) quigley@econ.berkeley.edu

-R-

REID, N. (1A) nreid@utnet.utoledo.edu
 REQUENA, F. (2E) francisco.requena@uv.es
 REY (1A, WB, 3F) serge@rohan.sdsu.edu
 RICHARDSON, H.W. (3D, 4B, 4F, 5D, 5D, 6E)
 hrichard@usc.edu
 RICKMAN, D. (2D) dan.rickman@okstate.edu
 ROBISON, H. (6E)
 ROSE, A. (5D, 5D, 6B) adam.rose@usc.edu
 ROTH, R. (4A)
 RUTTEN, R. (1A) r.p.j.h.rutten@uvt.nl

-S-

SAFFRON, C.M. (4B)
 SAFIROVA, E. (3A, 4F) safirova@rff.org
 SALAS GARCIA, C. (1D)
 SALIBA, G. (3D, 4D) salibag@email.arizona.edu
 SAND, J.Y. (6C) janys@nfh.uit.no
 SANDER, W. (4C, 6D) wsander@depaul.edu
 SANDERS, S.R. (2B, 3C) srs73@cornell.edu
 SANTOS, J.R. (5D, 6E) jrs8e@virginia.edu
 SARPÇA, S. (5A) ssarpca@ku.edu.tr
 SATO, Y. (5A) ysato@info.human.nagoya-u.ac.jp
 SCHONEY, R. (3B)
 SCHONFELD, P. (5C) pschon@umd.edu
 SCHWER, R. K. (2B, WB, 5E, 6A, 6F)
 schwer@unlv.nevada.edu
 SCOTT, T. (3F)
 SEKIO, K.K. (3C)
 SENECHAL, D.M. (4B)
 SMITH, B.W. (1A)

SONG, C. (1A)
 SONIS, M. (2E, 6B) sonism@mail.biu.ac.il
 SPORING, J. (2C, 3D) john.sporing@bea.gov
 STALLMANN, J.I. (3E) stallmannj@missouri.edu
 STENBERG, P. (5B, 6C) stenberg@ers.usda.gov
 STOUGH, R.R. (1A, AM, WB, AB, 4C) rstough@gmu.edu
 STOWERS, M.D. (4B)
 SUMMERS, L. (1D)
 SWARTZ, N. (4D)
 SWOBODA, A. (2B, 5A) swoboda@pitt.edu
 SZIDAROVSKY, F. (6B) szidar@sie.arizona.edu

-T-

TAMAI, T. (5A) o060539r@mbox.nagoya-u.ac.jp
 TAYLOR, D.T. (1D) ttaylor@uwyo.edu
 THAKUR, S.K. (1C, 3C) thakurs@cba4.cba.csus.edu
 THILMANY, D. (2D, 4E)
 THOMPSON, E. (3B, 5E, 6D) ethompson2@unl.edu
 THOR, E. (3B, 4D) ethor@asu.edu
 TOMPKINS, G. (4A, 5A) gary.tompkins@uregina.ca
 TSUKUDA, Y. (6B)
 TUOMINEN, P. (3C) pasi.tuominen@lut.fi

-U-

ULFARSSON, G.F. (2A, 3E) gfu@wustl.edu

-V-

VEST, M. (2B, 5E) mvest@eller.arizona.edu

-W-

WADDELL, P. (2A) pwaddell@u.washington.edu
 WANG, C. (5A, 6B) wangc2@onid.orst.edu
 WANG, J. (1A)
 WANG, L. (1E, 4C) lanlanwa@usc.edu
 WANG, L. (2A, 4A) lmwang@u.washington.edu
 WANG, Y. (6B) yiming.wang@usc.edu
 WATSON, P. (4E) philip.watson@noaa.gov
 WEBER, R.B. (2D)
 WEINSTEIN, B.L. (5C, 6D) budw@pacs.unt.edu
 WENZ, M. (1A, 3B) mwenz@winona.edu
 WEST, D.S. (2E) douglas.west@ualberta.ca
 WESTLUND, H. (1E, WB, 4C) hans.westlund@itps.se
 WETZEL, K. (AM) katharina.wetzel@springer.de
 WIKSTROM, M. (3E)
 WILKINSON, B.A. (6D) beth2@email.arizona.edu
 WILLIAMS, G. (6E)
 WOBBEKIND, R. (4C, 6A) richard.wobbekind@colorado.edu
 WONNEMANN, H.G. (5C)
 WOODWARD, D.P. (6F) woodward@moore.sc.edu
 WRIGHT, J. (2D) jwright@cabnr.unr.edu
 WU, J.J. (5A)

-Y-

YAMAMOTO, K. (1E, 4A) k-yamamoto@is.uec.ac.jp
 YEO, C.H. (4A) ych3720@kmu.ac.kr
 YILMAZ, K. (5A, 6B) kuyilmaz@ku.edu.tr
 YUAN, J. (1C)

-Z-

ZHOU, Y. (5C) ying_zhou@dot.ca.gov
 ZIMMERMAN, R. (5D)

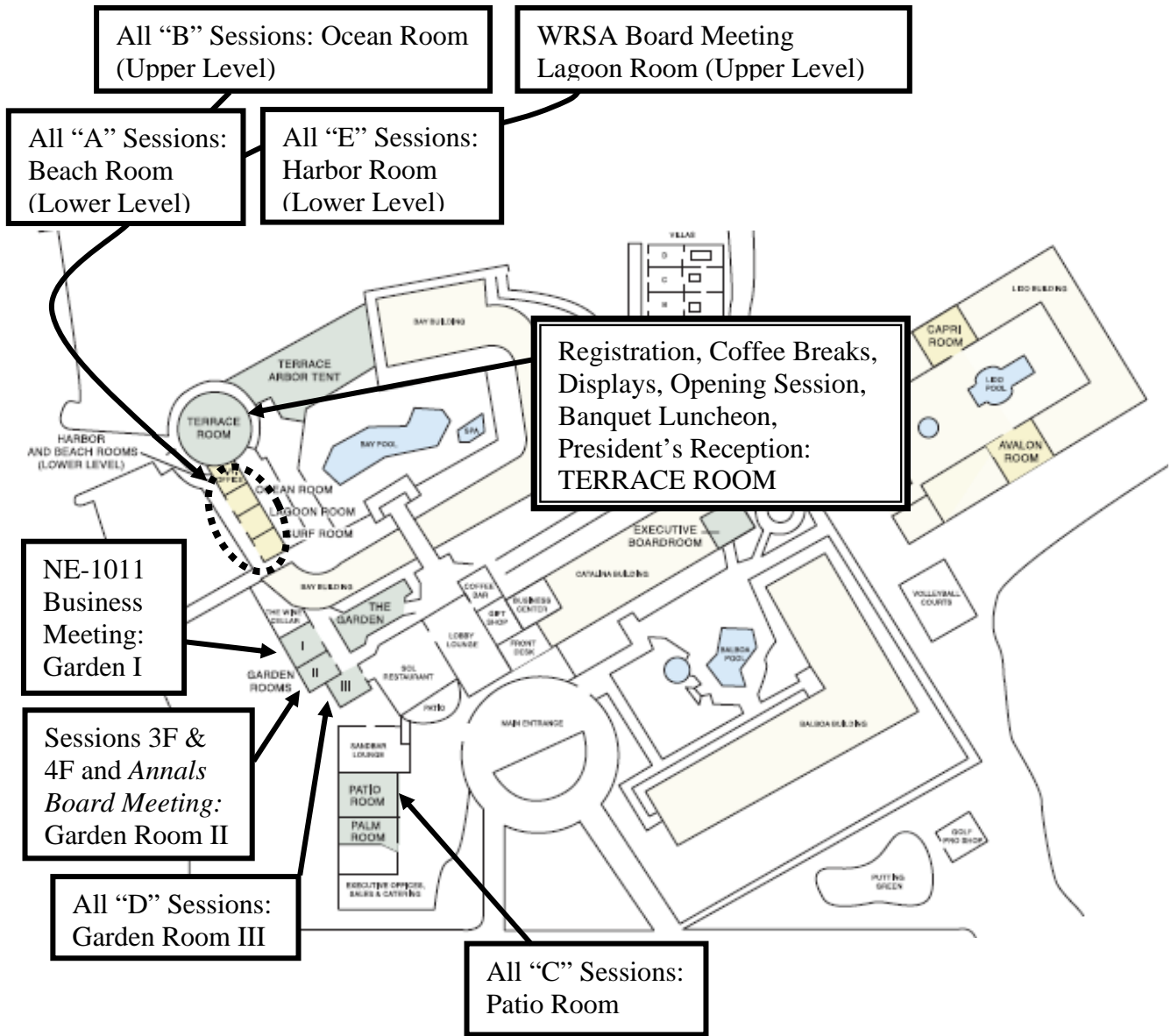


WRSA's Annual Meeting Venues, 1962–2008

47th	Hilton Waikoloa Village Resort, Waikoloa, Hawaii, HI	February 17-20, 2008
46th	Hyatt Regency, Newport Beach, CA	February 21-24, 2007
45th	La Fonda, Santa Fe, NM	February 22-25, 2006
44th	Hyatt Regency Islandia, San Diego, CA	February 23-26, 2005
43rd	Marriott Wailea Resort, Wailea, Maui, HI	February 25-28, 2004
42nd	Rio Rico Resort, Rio Rico, AZ	February 26-March 1, 2003
41st	Hyatt Regency Monterey, Monterey, CA	February 17-20, 2002
40th	Riviera Resort and Racquet Club, Palm Springs, CA	February 25-28, 2001
39th	Sheraton Kauai Resort, Poipu, HI	February 26-March 1, 2000
38th	Ojai Valley Inn, Ojai, CA	February 21-24, 1999
37th	Hyatt-Regency Monterey, Monterey, CA	February 18-22, 1998
36th	The Royal Waikoloan Resort, Waikoloa, Hawaii, HI	February 23-27, 1997
35th	Silverado Country Club and Resort, Napa, CA	February 25-29, 1996
34th	San Diego Princess Resort, San Diego, CA	February 22-26, 1995
33rd	Westward Look Resort, Tucson, AZ	February 23-27, 1994
32nd	Maui Inter-Continental Resort, Wailea, Maui, HI	February 21-25, 1993
31st	Caesar's Tahoe Resort, South Lake Tahoe, NV	February 23-27, 1992
30th	Monterey Plaza Hotel, Monterey, CA	February 24-28, 1991
29th	Kaluokoi Hotel, Molokai, HI	February 21-25, 1990
28th	San Diego Princess Resort, San Diego, CA	February 19-23, 1989
27th	Silverado Country Club, Napa, CA	February 24-28, 1988
26th	Kona Surf Resort, Keauhou, Hawaii, HI	February 18-22, 1987
25th	Surf and Sand Hotel, Laguna Beach, CA	February 26-March 1, 1986
24th	Hotel Del Coronado, Coronado (San Diego), CA	February 27-March 3, 1985
23rd	Casa Munras Hotel, Monterey, CA	February 22-25, 1984
22nd	The Prince Kuhio Hotel, Honolulu, HI	February 24-27, 1983
21st	Miramar Hotel, Santa Barbara, CA	February 24-27, 1982
20th	Newporter Inn, Newport Beach, CA	February 26-28, 1981
19th	Doubletree Inn, Monterey, CA	February 21-23, 1980
18th	Vacation Village Hotel, San Diego, CA	February 23-25, 1979
17th	Mansion Inn, Sacramento, CA	February 24-28, 1978
16th	Doubletree Inn, Tucson, AZ	February 25-27, 1977
15th	Vacation Village Hotel, San Diego, CA	February 27-29, 1976
14th	The Riviera Hotel, Palm Springs, CA	February 27-March 2, 1975
13th	Edgewater Hyatt House, Long Beach, CA	February 22-24, 1974
12th	Del Monte Hyatt House, Monterey, CA	February 23-25, 1973
11th	Vacation Village Hotel, San Diego, CA	February 25-27, 1972
10th	Santa Barbara Biltmore Hotel, Santa Barbara, CA	February 26-28, 1971
9th	Vacation Village Hotel, San Diego, CA	February 27-March 1, 1970
8th	Newporter Inn, Newport Beach, CA	February 6-9, 1969
7th	Vacation Village Hotel, San Diego, CA	February 1-4, 1968
6th	(Meeting site unknown), Las Vegas, NV	January 27-29, 1967
5th	Santa Barbara Inn, Santa Barbara, CA	January 28-29, 1966
4th	(1965 meeting site unknown)	(Dates unknown)
3rd	Student Union, Arizona State Univ., Tempe, AZ	February 7-8, 1964
2nd	Student Union, Univ. Oregon, Eugene, OR	June 14-15, 1963
1st	Univ. California, Berkeley, Berkeley, CA	June (dates unknown), 1962



Session Locations



Our Conference Venue:

Hyatt Regency Newport Beach
 1107 Jamboree Road
 Newport Beach, California 92660 USA
 Tel: +1 949 729 1234 Fax: +1 949 644 1552

Notes:



Western Regional Science Association

Department of Geography and Regional Development ~ University of Arizona
Harvill Building, Box 2 (2nd and Olive Streets) ~ Tucson, Arizona 85721 USA
Telephone: 520-621-1738 Fax: 520-621-2889 Email: wrsa@email.arizona.edu
Website: <http://geog.arizona.edu/wrsa>
