



Western Regional Science Association Program

45th Annual Meeting of the Western Regional Science Association La Fonda ~ Santa Fe, New Mexico ~ February 22–25, 2006

¡Bienvenidos! Welcome to Santa Fe, to La Fonda, and to WRSA's 45th 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 in which you are involved or that you wish to attend.

The Program Participant Locator, found on Pages 17–20, should help you find when and where you and others are scheduled.

The hotel map on Page 20 shows the location of conference events. The box on Page 3 contains information about the format of the sessions.

This year's Annual Meeting includes a number of special features. The conference will formally open on Wednesday afternoon, at 4:15 PM, in the Ballroom (South) with a plenary session about "The Southwestern Heartland." The traditional Welcoming Reception will be held immediately following (at 6:00 PM) in La Terraza. All full-conference registrants and those for whom a Banquet and Receptions ticket packet have been purchased may use the PINK 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 12:00 Noon in La Terraza will feature a special 20th Anniversary Ceremony for the Tiebout Prize, the Presentation of the Springer-Verlag Prize, and Jack Osman'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, Jack Osman will host the President's Reception. It will feature some nice appetizers made possible by the generous support of the Office of the Provost, San Francisco State University. Again, everyone is welcome at this function – use the BLUE tickets for first drinks.

File copies of the papers being presented are available for perusal at our registration table.

Best wishes for a productive and stimulating conference, a restful stay at La Fonda, and a memorable visit to Santa Fe and New Mexico, "The Land of Enchantment."



Wednesday, February 22

11:30 AM – 2:00 PM

**Luncheon in Honor of 36th WRSA President,
Antoine Bailly** (By advance reservation and payment only)

2:30 – 6:00 PM

Registration (Mezzanine)

4:15 – 6:00 PM

Opening Plenary Session (Ballroom South)

6:00 – 7:15 PM

Welcoming Reception (La Terraza)



Wednesday, 4:15 – 7:15 PM

**Opening Session and Welcoming Reception
(Ballroom South and La Terraza)**

*For All Meeting Participants and Accompanying Persons:
Everyone Welcome!*

**"The Southwestern Heartland:
The Good, the Bad, and the Ugly"**

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

Speakers:

Marshall VEST, Univ. Arizona, Tucson, USA

Lee A. REYNIS, Univ. New Mexico, Albuquerque, USA

**Welcoming Reception Follows Immediately @ 6:00 PM
(La Terraza)**



Thursday, February 23

7:30 AM – 12:30 PM

Registration (Mezzanine)

8:00 AM – 8:45 AM

Economic Development Forum (Ballroom North)

9:00 AM – 12:30 PM

Seven Concurrent Paper Sessions:

- 1A Housing and Urban Social Geography
- 1B Western Lands and Wildfire (Cosponsored by W-192)
- 1C Amenities, Resources, and Development
- 1D Economic Development and Lagging Regions: Poverty and Income Gaps
- 1E Human Migration
- 1F Environmental Analysis and Management
- 1G Spatial Modeling, I

10:30 – 11:00 AM

Coffee Break (Mezzanine)

12:30 – 2:00 PM

Lunch Break (On your own this day)

2:00 – 5:30 PM

Registration Continues (Mezzanine)

2:00 – 5:30 PM

Seven Concurrent Paper Sessions:

- 2A Innovation and Entrepreneurship, I
- 2B Risk, Disasters, and Emergency Response, I
- 2C Housing Markets and Public Policy
- 2D Advances in Migration Modeling
- 2E Spatial Modeling, II
- 2F Regional Analysis, I
- 2G Urban Analysis, I

3:30 – 4:00 PM

Coffee Break (Mezzanine)

3:45 – 5:30 PM

WRSA Board Meeting (By Invitation Only;
La Posada Resort and Spa – 330 E. Palace
Avenue – Ballroom A)



Thursday, 8:00 – 8:45 AM

Special Plenary Economic Development Forum
(Ballroom North)

***The Federal Role in Innovation-Led
Economic Development***

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

Speaker:

Sandy K. BARUAH, United States Assistant Secretary of
Commerce for Economic Development, Washington, DC, USA

Open Discussion Period: Everyone Welcome!



Thursday, 9:00 – 11:45 AM

Paper Session 1A ~ Ballroom North
Housing and Urban Social Geography

Chair: Frans BOEKEMA, Tilburg Univ., The Netherlands

9:00–9:45

***Deriving Metro-wide Subjective Assessments of Neighborhood
Attraction from Sample Survey Data: An Application in the
Brisbane-South East Queensland Region, Australia***

Robert STIMSON, Prem CHHETRI, and John WESTERN,
Univ. Queensland, Brisbane, Australia

Discussant: Harvey A. GOLDSTEIN, Univ. North Carolina,
Chapel Hill, USA

9:45–10:30

***Have the Affordable Housing Goals Improved Housing
Markets?***

Xudong AN, Raphael W. BOSTIC, and Yongheng DENG,
Univ. Southern California, Los Angeles, USA

Discussant: John M. QUIGLEY, Univ. California, Los
Angeles, USA

10:30–11:00, *Coffee Break* (Mezzanine)

11:00–11:45

***The Myth and Reality of Housing the Poor Through Public
Participation in Dhaka***

Kh. Md. NAHIDUZZAMAN and Axel BAUDOUIN,
Norwegian Univ. Science and Technology, Trondheim, and Md.
Musleh Uddin HASAN, Khulna Univ., Bangladesh

Discussant: Seong-Kyu HA, Chung-Ang Univ., Korea



Thursday, 9:00 AM – 12:30 PM

Paper Session 1B ~ Ballroom South

Western Lands and Wildfire (Cosponsored by W-192)

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

9:00–9:45

Status of Agricultural Land in Wyoming

Thomas K. FOULKE, David “Tex” TAYLOR, and Roger H.
COUPAL, Univ. Wyoming, Laramie, USA

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

9:45–10:30

Economic Dynamics of Wildfire and Evasive Species

Kim ROLLINS, Univ. Nevada, Reno, USA

Discussant: David “Tex” TAYLOR, Univ. Wyoming,
Laramie, USA

10:30–11:00, *Coffee Break* (Mezzanine)

11:00–11:45

***Development of Hybrid Social Accounting Model for
Estimation of Impacts of Range Cattle Grazing Reductions***

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

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

11:45–12:30

***Implications for the Regional Economy from Changes in
Federal Grazing: Park County Wyoming***

Thomas K. FOULKE, David “Tex” TAYLOR, and Roger H.
COUPAL, Univ. Wyoming, Laramie, USA

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



Thursday, 9:00 AM – 12:30 PM

Paper Session 1C ~ Stiha Room

Amenities, Resources, and Development

Chair: Kazuhiro YAMAMOTO, Osaka Univ., Japan

9:00–9:45

Amenities, Local Conditions and Fiscal Determinants of Factor Growth in Non-Metropolitan America

George HAMMOND, West Virginia Univ., Morgantown, and Eric THOMPSON, Univ. Nebraska, Lincoln, USA

Discussant: Joseph E. McCLURE, McClure Consulting, LLC, Phoenix, AZ, USA

9:45–10:30

Indirect Estimation of Regional Cost-of-Living Indices

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

Discussant: Sarah A. LOW, Federal Reserve Bank, Kansas City, MO, USA

10:30–11:00, *Coffee Break (Mezzanine)*

11:00–11:45

The “Resource Curse” and Regional U.S. Development

Donald G. FREEMAN, Sam Houston State Univ., Huntsville, TX, USA

Discussant: Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA

11:45–12:30

An Evaluation of Energy Utilizing Promotion Policy from Wastes

Yoshiro HIGANO, Susumu UCHIDA, and Takeshi MIZUNOYA, Univ. Tsukuba, Japan

Discussant: Bradley T. EWING, Texas Tech Univ., Lubbock, USA



Thursday, 9:00 AM – 12:30 PM

Paper Session 1D ~ New Mexico Room

Economic Development and Lagging Regions: Poverty and Income Gaps

Chair: Lawrence SOMMERS, Michigan State Univ., E. Lansing, USA

9:00–9:45

Heritage, Sustainable Development and Poverty Reduction: Legal Aspects in Guyana, Benin, Senegal and Laos

Bernard BIZET, ESSEC, Paris, France

Discussant: Yoshinobu KUMATA, Chiba Univ. Commerce, Japan

9:45–10:30

Poverty Alleviation in Uganda: Target Households or Localities?

David S. KRAYBILL, Ohio State Univ., Columbus, USA, and Bernard BASHAASHA, Makerere Univ., Kampala, Uganda

Discussant: Natalia V. OVCHINNIKOVA, Univ. Nebraska, Lincoln, USA

10:30–11:00, *Coffee Break (Mezzanine)*

11:00–11:45

Regional Innovation and Reform Policies of the New Government in Korea

Dong-Ho SHIN, Hannam Univ., Daejeon, Korea

Discussant: Cheol-ho LEE, Univ. California, Los Angeles, USA

11:45–12:30

Spatial Dimension of Poverty in Colombia

Javier PÉREZ, Banco de la República, Cartagena, Colombia

Discussant: Arthur L. SILVERS, Univ. Arizona, Tucson, USA



Thursday, 9:00 AM – 12:30 PM

Paper Session 1E ~ Santa Fe Room

Human Migration

Chair: SeongWoo LEE, Seoul National Univ., Korea

9:00–9:45

The Determinants of Migration from Europe to the Americas: A Panel Data Analysis for Argentina, Brazil and the United States from 1870 to 1910

J. Ulyses BALDERAS, Sam Houston State Univ., Huntsville, TX, and Michael J. GREENWOOD, Univ. Colorado, Boulder, USA

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

9:45–10:30

Immigration Profiles of U.S. Areas: With Particular Attention to Mid-Size MSAs and Agents of Resettlement

Lawrence A. BROWN, Tamar E. MOTT, Edward J. MALECKI, Ohio State Univ., Columbus, USA

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

10:30–11:00, *Coffee Break (Mezzanine)*

11:00–11:45

The Economics of Internal Repeat Migration: A Partial Survey

Jeremiah ALLEN, Univ. Lethbridge, Canada

Discussant: Audrey MUHLENKAMP, Purdue Univ., W. Lafayette, IN, USA

11:45–12:30

Rural-Urban Population Change in Puerto Rico, 1990 to 2000

Mei-Ling FREEMAN, U.S. Census Bureau, Washington, D.C., USA

Discussant: Drake WARREN, Univ. Illinois, Urbana-Champaign, USA

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. As a courtesy to the presenters, all participants are asked to stay for the entire session.



Thursday, 9:00 AM – 12:30 PM

Paper Session 1F ~ Exchange Room

Environmental Analysis and Management

Chair: Euijune KIM, Seoul National Univ., Korea

9:00–9:45

Water Cost-Sharing Policy Reform in Uzbekistan: Approaches and Prospects in the Zarafshan River Basin

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

Discussant: Matthias RUTH, Univ. Maryland, College Park, USA

9:45–10:30

Component-Based Integration of Economic and Hydrologic Models-An Application to Evaluate Conjunctive Water Use Strategies

C. RODGERS, L. BHARATI, T. ERDENBERGER, and S. SHUMILOV, Univ. Bonn, Germany, and Maria PLOTNIKOVA, Strathclyde Univ., Scotland, U.K.

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

10:30–11:00, Coffee Break (Mezzanine)

11:00–11:45

Trade, the Damage from Alien Species, and the Effects of Protectionism Under Alternate Market Structures

Amitrajeet A. BATASYAL, Rochester Institute of Technology, NY, and Hamid BELADI, Univ. Texas, San Antonio, USA

Discussant: Henk FOLMER, Univ. Wageningen, The Netherlands

11:45–12:30

Creative PAGODA for Risk Communication Knowledge to Support Regional Planning

Daigo YOSHIDA and Yshinobu KUMATA, Chiba Univ. Commerce, Ric STEPHENS, Alpha Community Development, and Midori MIYAZAKI, Chiba Univ. Commerce, Japan

Discussant: Amitrajeet A. BATASYAL, Rochester Institute of Technology, NY, USA



Thursday, 9:00 AM – 12:30 PM

Paper Session 1G ~ Coronado Room

Spatial Modeling, I

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

9:00–9:45

The European Regional Growth Process Revisited: Increasing Returns and Spatial Dynamic Setting

Sandy DALL'ERBA, Free Univ., Amsterdam, The Netherlands, Marco PERCOCO, Univ. Bocconi, Milano, and Gianfranco PIRAS, Univ. G.D. Annunzio, Pescara, Italy

Discussant: Brigitte WALDORF, Purdue Univ., W. Lafayette, IN, USA

9:45–10:30

A GMM Approach for Combining Micro and Macro Data

Nicholas NAGLE, Univ. Colorado, Boulder, USA

Discussant: Arthur GETIS, San Diego State Univ., CA, USA

10:30–11:00, Coffee Break (Mezzanine)

11:00–11:45

A New Taxonomy for Discrete Specialization and Concentration Measures

Eckhardt BODE and Frank BICKENBACH, Kiel Institute for World Economics, Germany

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

11:45–12:30

Beyond Swapping: The Case of Heuristic Concentration and the p-Median Problem

Richard S. MIDDLETON and Richard L. CHURCH, Univ. California, Santa Barbara, USA

Discussant: Jean-Claude THILL, Univ. at Buffalo, NY, USA

Thursday, 12:30 – 2:00 PM

Lunch Break (On your own this day)



Thursday, 2:00 – 5:30 PM

Paper Session 2A ~ Ballroom (North)

Innovation and Entrepreneurship, I

Chair: Joseph E. McCLURE, McClure Consulting, LLC, Phoenix, AZ, USA

2:00–2:45

Innovation, Technology, and Latecomer Strategies: Evidence from the Mobile Handset Manufacturing Sector in China

Lei DING and Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA

Discussant: Stephan WEILER, Federal Reserve Bank, Kansas City, MO, USA

2:45–3:30

Research Parks Redux: The Changing Landscape of the Garden

Michael I. LUGER and Harvey A. GOLDSTEIN, Univ. North Carolina, Chapel Hill, USA

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

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

R&D Accessibility and Regional Export Diversity

Charlie KARLSSON and Sara JOHANSSON, Jönköping Univ., Sweden

Discussant: Hart HODGES, Western Washington Univ., Bellingham, USA

4:45–5:30

Gauging a Region's Entrepreneurial Potential

Sarah A. LOW, Jason HENDERSON, and Stephan WEILER, Federal Reserve Bank, Kansas City, MO, USA

Discussant: Rocco R. HUANG, World Bank, Washington, DC, USA

Our Conference Venue:

La Fonda

100 E. San Francisco
Santa Fe, NM 87501 USA

Phone: 505-982-5511

FAX: 505-988-2952





Thursday, 2:00 – 5:30 PM

Paper Session 2B ~ Ballroom South

Risk, Disasters, and Emergency Response

Chair: Maria PLOTNIKOVA, Strathclyde Univ., Scotland, U.K.

2:00–2:45

The Economic Cost of Disasters: Permanent or Ephemeral?

Matthew P. DRENNAN, Univ. California, Los Angeles, USA

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

2:45–3:30

Analyzing Structure Fires in Massachusetts: Regional Science and the Media

Alan T. MURRAY and Daoqin TONG, Ohio State Univ., Columbus, USA

Discussant: Warren KRIESEL, Univ. Georgia, Athens, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

The Disturbance Model and Congestion in Emergency Response

Erwin A. BLACKSTONE, Andrew J. BUCK, and Simon HAKIM, Temple Univ., Philadelphia, PA, and Uriel SPIEGEL, Univ. Pennsylvania, Philadelphia, USA

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

4:45–5:30

Implementation of Spatio-Temporal Models for Identifying Critical Network Links for Retrofit Priority under Unscheduled Events

Jong Sung LEE, Univ. Illinois, Urbana-Champaign, USA

Discussant: Feng XIE, Univ. Minnesota, Minneapolis, USA



Thursday, 2:00 – 5:30 PM

Paper Session 2C ~ Stiha Room

Housing Markets and Public Policy

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

2:00–2:45

An Examination of the Impact of Rent Control on Mobile Home Prices in California

Diehang ZHENG, Yongheng DENG, Peter GORDON, and David DALE-JOHNSON, Univ. Southern California, Los Angeles, USA

Discussant: George RENGERT, Temple Univ., Philadelphia, PA, USA

2:45–3:30

An Analysis of the Effects of a Taxpayer's Bill of Rights Amendment for Arizona

Dennis HOFFMAN and Timothy HOGAN, Arizona State Univ., Tempe, USA

Discussant: Jan CRISPIN-LITTLE, Univ. Utah, Salt Lake City, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Mortgage Lending Patterns in Rural and Urban Areas

Scott HOUSER, Colorado State Univ., Fort Collins, USA

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

4:45–5:30

Housing Regeneration and Building Sustainable Low-Income Communities in Korea

Seong-Kyu HA, Chung-Ang Univ., Korea

Discussant: Kayoko YAMAMOTO, Nagoya Sangyo Univ., Aichi, Japan



Thursday, 2:00 – 5:30 PM

Paper Session 2D ~ New Mexico Room

Advances in Migration Modeling

Chair: Andrei Rogers, Univ. Colorado, Boulder, USA

2:00–2:45

Inferring Directional Migration Flows from Net Migration Data: Mexico

Junwei LIU, Virgilio PARTIDA, and Meg TILTON, Univ. Colorado, Boulder, USA

Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA

2:45–3:30

Inferring Directional Migration Flows from the Migration Propensities of Infants: Mexico and Indonesia

Bryan JONES and Virgilio PARTIDA, Univ. Colorado, Boulder, USA and Salut MUHIDIN, Univ. Montréal, Québec, Canada

Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Indirect Estimation of Age-Specific Interregional Migration Flows in Canada

K. Bruce NEWBOLD, McMaster Univ., Hamilton, Ontario, Canada, Andrei ROGERS, Univ. Colorado, Boulder, USA, and James RAYMER, Univ. Southampton, U.K.

Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA

4:45–5:30

What Can the Age Composition of the Population Tell Us about the Age Composition of Migrants?

Jani S. LITTLE and Andrei ROGERS, Univ. Colorado, Boulder, USA

Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA





Thursday, 2:00 – 5:30 PM
Paper Session 2E ~ Santa Fe Room
Spatial Modeling, II

Chair: Urban GRÄSJÖ, Univ. Trollhättan, Uddevalla, Sweden

2:00–2:45

Bayesian Stochastic Programming Estimates of Personal Consumption Expenditures in U.S. Counties

Patrick CANNING, Economic Research Service, USDA, Washington, D.C., and Alan LAU, Univ. Virginia, Charlottesville, USA

Discussant: Nicholas NAGLE, Univ. Colorado, Boulder, USA

2:45–3:30

European Economic Development: Evaluation Using Selected Spatial Statistical Tools

Joe FRANCIS and Antoni MAGRI, Cornell Univ., Ithaca, NY, USA

Discussant: Martin ANDERSSON, Jönköping International Business School, Sweden

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Exact Models for the Regionalization Problem

Juan C. DUQUE, San Diego State Univ., CA, and Richard L. CHURCH and Richard S. MIDDLETON, Univ. California, Santa Barbara, USA

Discussant: Eckhardt BODE, Kiel Institute for World Economics, Germany

4:45–5:30

A Hierarchical Metropolitan Change Model (MCM) with Global and Local Linkages

Ron McCHESNEY, Ohio State Univ., Columbus, USA

Discussant: Richard S. MIDDLETON, Univ. California, Santa Barbara, USA



Thursday, 2:00 – 5:30 PM
Paper Session 2F ~ Exchange Room
Regional Analysis, I

Chair: Roel RUTTEN, Tilburg Univ., The Netherlands

2:00–2:45

A New Approach to Measuring the Effects of Infrastructure on Regional Economic Performance: U.S. Metropolitan Areas

Soojung KIM, Univ. Southern California, Los Angeles, USA

Discussant: Katharine CHALMERS, Bowling Green State Univ., OH, USA

2:45–3:30

Regional Innovation Clusters: Evaluation of the South East Brabant Cluster Scheme

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

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

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Modeling Just-In-Time Manufacturing in a Vertically Integrated Industry

Ho Yeon KIM, Sungkyunkwan Univ., Seoul, Korea

Discussant: Shaoming CHENG, George Mason Univ., Fairfax, VA, USA

4:45–5:30

Highway and Industrial Location in Missouri

Yong-Lyool KIM, Univ. Missouri, Columbia, USA

Discussant: Donald VANDEGRIFT, College of New Jersey, Ewing, USA



Thursday, 2:00 – 4:45 PM
Paper Session 2G ~ Coronado Room
Urban Analysis, I

Chair: C.-H. Christine BAE, Univ. Washington, Seattle, USA

2:00–2:45

The Spatial Distribution of Urban Open Space and Natural Amenities and their Impact of the Pattern of Exurban Development and Sprawl in Tucson, Arizona

Rosalind Heather BARK-HODGINS, Univ. Arizona, Tucson, USA

Discussant: Fernando DE PAOLIS, Monterey Institute of International Studies, CA, USA

2:45–3:30

OPUS: An Open Platform for Urban Simulation

Paul WADDELL, Hana ŠEVČIKOVÁ, and David SOCHA, Univ. Washington, Seattle, USA, Eric MILLER, Univ. Toronto, Ontario, Canada, and Kai NAGEL, Institut für Land und Seeverkehr, Fachgebiet Verkehrssystemplanung und Verkehrstelematik, Berlin, Germany

Discussant: Simon MONTAGU, Denver Regional Council of Governments, CO, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Introduction of a Communal Association into the Neighborhood: Household Reaction and Welfare Analysis

Natalia V. OVCHINNIKOVA, Univ. Nebraska, Lincoln, USA

Discussant: Xudong AN, Univ. Southern California, Los Angeles



Thursday 4:15 – 5:45 PM

WRSa Board Meeting ~ La Posada Resort and Spa
 (By Invitation Only; 330 E. Palace Avenue – Ballroom A)

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



Friday, February 24

8:00 AM – 12:00 PM

Registration Continues (Mezzanine)

8:30 AM – 12:00 PM

Seven Concurrent Paper Sessions:

- 3A Sustainable Technologies
- 3B Urban Structure and Land Markets
- 3C Innovation and Entrepreneurship, II
- 3D Risk, Disasters, and Emergency Response, II
- 3E Regional Analysis, II
- 3F Labor Markets
- 3G Urban Analysis, II

10:00 – 10:30 AM

Coffee Break (Mezzanine)

12:00 – 2:00 PM

Annual Banquet Luncheon (La Terraza; For all paid Meeting Registrants; Tickets must be purchased for non-registered Accompanying Persons.)

2:00 – 5:30 PM

Registration Continues (Mezzanine)

2:15 – 5:45 PM

Seven Concurrent Paper Sessions:

- 4A Remote Regions, I
- 4B Urban Growth and Development
- 4C Modeling Economic Structure, I
- 4D Sunrise Sectors: Information Technology and Bio-Industry
- 4E Social Geography and Demography
- 4F Flows, Hierarchies, and Networks
- 4G Economic Development Policy

3:45 – 4:15 PM

Coffee Break (Mezzanine)

5:45 – 7:15 PM

President's Reception (La Terraza; For all Meeting Participants and Accompanying Persons – Everyone Welcome!)



Friday, 8:30 AM – 12:00 PM

Paper Session 3A ~ Ballroom North

Sustainable Technologies

Chair: Lawrence SOMMERS, Michigan State Univ., E. Lansing, USA

8:30–9:15

Transport Systems for Sustainable Development of Metropolitan Regions

Lars LUNDQVIST, Royal Institute of Technology, Stockholm, Sweden

Discussant: Alan T. MURRAY, Ohio State Univ., Columbus, USA

9:15–10:00

Integrated Assessment of Climate Impacts on Urban Infrastructure: A Case Study of Hamilton City, New Zealand
Matthias RUTH and C. BERNIER, Univ. Maryland, College Park, USA, and N. JOLLANDS and N. GOLUBIEWSKI, Massey Univ. and Landcare Research, Palmerston North, New Zealand

Discussant: Jamie BROWN KRUSE, East Carolina Univ., Greenville, USA

10:00–10:30, **Coffee Break** (Mezzanine)

10:30–11:15

Differences in Time-Varying Turbulence Across Geographically-Dispersed Wind Energy Markets
Bradley T. EWING, Texas Tech Univ., Lubbock, Jamie BROWN KRUSE, East Carolina Univ., Greenville, and Mark A. THOMPSON, Stephen F. Austin State Univ., Nacogdoches, TX, USA

Discussant: Doug JONES, Ohio State Univ., Columbus, USA

11:15–12:00

The Benefits and Costs of Electric Vehicles in Developing Countries: A Case Study

Saurav Dev BHATTA, Univ. Illinois, Chicago, USA

Discussant: Ki Yong HONG, Dankook Univ., Seoul, Korea



Friday, 8:30 – 11:15 AM

Paper Session 3B ~ Ballroom South

Urban Structure and Land Markets

Chair: Bijan VASIGH, Embry-Riddle Aeronautical Univ., Daytona Beach, FL, USA

8:30–9:15

The Curious Institution of Mobile Home Rent Control: A Case Study of Mobile Home Parks in California

Carol MASON and John M. QUIGLEY, Univ. California, Berkeley, USA

Discussant: Diehang ZHENG, Univ. Southern California, Los Angeles, USA

9:15–10:00

Residential Location, Land Use and Transportation: The Neglected Role of Nonwork Travel

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

Discussant: Dan LI, Boston Univ., USA

10:00–10:30, **Coffee Break** (Mezzanine)

10:30–11:15

Genealogy of City Planning Based on Green Space

Kayoko YAMAMOTO, Nagoya Sangyo Univ., Aichi, Japan

Discussant: Laura HUNTOON, Univ. Arizona, Tucson, USA





Friday, 8:30 AM – 12:00 PM
Paper Session 3C ~ Stiha Room
Innovation and Entrepreneurship, II

Chair: Charlie KARLSSON, Jököping Univ., Sweden

8:30–9:15

Industry Choices and Social Interactions of Entrepreneurs: Identification by Residential Addresses

Rocco R. HUANG, World Bank, Washington, D.C., USA

Discussant: Stein ØSTBYE, Univ. Tromsø, Norway

9:15–10:00

Where Are the Entrepreneurs? Examining the Location of Proprietor Breadth and Depth

Sarah A. LOW, Federal Reserve Bank, Kansas City, MO, USA

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

10:00–10:30, Coffee Break (Mezzanine)

10:30–11:15

Firm Location, Corporate Structure, R&D Investment, Innovation and Productivity

Börje JOHANSSON, Hans LÖÖF, and Amy RADER OLSSON, Royal Institute of Technology, Stockholm, Sweden

Discussant: Michael I. LUGER, Univ. North Carolina, Chapel Hill, USA

11:15–12:00

Evidence for Localization and Urbanization Economies in U.S. Metropolitan Patenting

José LOBO, Arizona State Univ., Tempe, and Deborah STRUMSKY, Harvard Univ., Cambridge, MA, USA

Discussant: Mats JOHANSSON, Royal Institute of Technology, Stockholm, Sweden



Friday, 8:30 AM – 12:00 PM
Paper Session 3D ~ New Mexico Room
Risk, Disasters, and Emergency Response, II

Chair: Antoine BAILLY, Univ. Genève, Switzerland

8:30–9:15

Assessing Risk Gradients: The Risk Perceptions of Las Vegas Residents

Bengt E. EVENSON and R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Discussant: Simon HAKIM, Temple Univ., Philadelphia, PA, USA

9:15–10:00

Infrastructure Reconstruction Strategy in Response to Unscheduled Events

Jong Sung LEE and Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

Discussant: Edd HAUSER, Univ. North Carolina, Charlotte, USA

10:00–10:30, Coffee Break (Mezzanine)

10:30–11:15

How Do Coastal Hazards Affect Residential Property Markets?

Warren KRIESEL, Univ. Georgia, Athens, USA

Discussant: Christopher BITTER, Univ. Arizona, Tucson, USA

11:15–12:00

The Economic Impacts of a Terrorist Attack on the U.S. Commercial Aviation System

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

Discussant: Matthew P. DRENNAN, Univ. California, Los Angeles, USA



Friday, 8:30 AM – 12:00 PM
Paper Session 3E ~ Santa Fe Room
Regional Analysis, II

Chair: Yoshiro HIGANO, Univ. Tsukuba, Japan

8:30–9:15

Do the Employment Rates of the Seven Largest Cities in Colombia Behave Equally?

José GAMARRA, Banco de la República, Cartagena, Colombia

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

9:15–10:00

Evaluating the Regional Economy and Transportation Networks in Japan: A Dynamic Interregional CGE Model

Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, Yoshiro HIGANO, Univ. Tsukuba, and Yuzuru MIYATA, Toyohashi Univ. Technology, Japan

Discussant: Chokri DRIDI, Univ. Alberta, Edmonton, Canada

10:00–10:30, Coffee Break (Mezzanine)

10:30–11:15

Heterogeneous Preferences in the Location Choice of Japanese Investors in China: A Mixed Logit Approach

Shaoming CHENG, George Mason Univ., Fairfax, VA, USA

Discussant: Patrick CANNING, Economic Research Service, USDA, Washington, DC, USA

11:15–12:00

Why Do Successful Restaurants Not Raise Their Prices When There Is Persistent Excess Demand?

Henk FOLMER, Univ. Wageningen, The Netherlands

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





Friday, 8:30 – 11:15 AM
Paper Session 3F ~ Exchange Room
Labor Markets

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

8:30–9:15

Do Rural-Urban Income Disparities Exist Among the Young Educated Workforce in Indiana?

Audrey MUHLENKAMP and Brigitte WALDORF, Purdue Univ., West Lafayette, IN

Discussant: Don MAR, San Francisco State Univ., USA

9:15–10:00

Labor Market Integration and Migration: Impacts on Skill Formation and the Wage Structure

Kristian BEHRENS, Univ. Catholique Louvain, Belgium, and Yasuhiro SATO, Nagoya Univ. Aichi, Japan

Discussant: Charles SCHMIDT, San Diego State Univ., CA, USA

10:00–10:30, Coffee Break (Mezzanine)

10:30–11:15

Does Size of Local Labour Markets Affect Wage Income Inequality? A Rank-Size Rule of Income Distribution

Martin KORPI, Uppsala Univ., Stockholm, Sweden

Discussant: SeongWoo LEE, Seoul National Univ., Korea



Friday, 8:30 AM – 12:00 PM
Paper Session 3G ~ Coronado Room
Urban Analysis, II

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

8:30–9:15

Land Use Proximity in United States Urban Landscapes

E. Anthon EFF, Middle Tennessee State Univ., Murfreesboro, USA

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

9:15–10:00

The Effect of Changing Concepts and Criteria on the Identification of Urban Areas and Urban Population, 1990 to 2000

Michael RATCLIFFE, U.S. Census Bureau, Laurel, MD, USA

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

10:00–10:30, Coffee Break (Mezzanine)

10:30–11:15

Cross-Scale Analysis of Cluster Correspondence Using Different Operational Neighborhoods

Yongmei LU, Texas State Univ., San Marco, and Jean-Claude THILL, Univ. Buffalo, NY, USA

Discussant: Paul WADDELL, Univ. Washington, Seattle, USA

11:15–12:00

An Object-Oriented Data Model for Regional Planning: The Approach of the Denver Regional Council of Governments

Simon MONTAGU and DeVon CULBERTSON, Denver Regional Council of Governments, CO, USA

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



Friday, 12:00 – 2:00 PM
Annual Banquet Luncheon ~ La Terraza
For All Meeting Registrants; Tickets Required.

Chair: Lee HUSKEY, Univ. Alaska, Anchorage, USA, and 46th WRSA President (2005–2006)

Announcements:

David A. Plane, WRSA Executive Secretary

The 10th Annual Springer-Verlag Prize

Presented by:

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

The Charles M. Tiebout Prize: 20th Anniversary

Recognition of Previous Winners:

Geoffrey J. D. Hewings, WRSA President-Elect, and Ted LANE, 33rd WRSA President (1992–93)

The 20th Tiebout Prize Presentation:

Koichi Mera, 44th WRSA President (2003–2004) and Chair, 2005–2006 Reading Committee

Presidential Address:

“A Regional Contrast in Tax Systems: Scandinavia and North America”

Jack OSMAN, San Francisco State Univ., USA and 47th WRSA President (2006–2007)

Discussant: Hans WESTLUND, Swedish Institute for Growth Policy Studies, Östersund



Friday, 2:15 – 5:00 PM
Paper Session 4A ~ Ballroom North
Remote Regions, I

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

2:15–3:00

A Newspaper War: C.W. Snedden and the Battle for Alaska Statehood

Terrence COLE, Univ. Alaska, Fairbanks, USA

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

3:00–3:45

An Approach to Utilizing Traditional Ecological Knowledge in Resource Management

Violet YEATON, Port Graham Village, AK, Kimani L. KIMBROUGH, Gary C. MATLOCK, Felicity M. BURROWS, and Teresa A. McTIGUE, National Oceanic and Atmospheric Administration, Silver Spring, MD, USA

Discussant: Jack HICKS, Nunavut, Canada

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

Applications of Economics to Biodiversity Conservation: Nonmarket Valuation of Marine Resources in the Alaska Arctic

Nejem RAHEEM, Univ. New Mexico, Albuquerque, USA

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



Friday, 2:15 – 5:45 PM
Paper Session 4B ~ Ballroom South
Urban Growth and Development

Chair: Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology,
 Japan

2:15–3:00

Examining City-Size Distributions Using Urban Areas
 Drake WARREN, Univ. Illinois, Urbana-Champaign, USA
 Discussant: Michael RATCLIFFE, U.S. Census Bureau,
 Laurel, MD, USA

3:00–3:45

**Urban Structure, Growth and Economic Openness. An
 Intertemporal Analysis**
 Fernando DE PAOLIS, Monterey Institute International Studies,
 CA

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

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

**Identifying the Size and Location of Urban Growth:
 Applications of Zonal Data and Multi-Temporal Satellite Data
 - The Case of Daegu Metropolitan Area, Korea**
 Jae Ik KIM and Change Hwan YEO, Keimyung Univ., Daegu,
 Korea

Discussant: Rosalind Heather BARK-HODGINS, Univ.
 Arizona, Tucson, USA

5:00–5:45

**Radius Restrictions and the Similarity of Neighboring
 Shopping Centers**
 Andrew ECKERT and Douglas S. WEST, Univ. Alberta,
 Edmonton, Canada

Discussant: Scott HOUSER, Colorado State Univ., Fort
 Collins, USA



Friday, 2:15 – 5:45 PM
Paper Session 4C ~ Stiha Room
Modeling Economic Structure, I

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

2:15–3:00

**Adjustment Dynamics of Direct Inputs in Input-Output
 Models: Some Initial Explorations**
 Michael SONIS, Bar-Ilan Univ., Israel, Chokri DRIDI, Univ.
 Alberta, Edmonton, Canada, and Geoffrey J.D. HEWINGS,
 Univ. Illinois, Urbana-Champaign, USA

Discussant: David HOLLAND, Washington State Univ.,
 Pullman, USA

3:00–3:45

**An Analysis on Price Repercussion Effect of the Cost-Push
 Factors by Using the Input-Output Model**
 Choon Keun LEE, Daegu-Gyeongbuk Development Institute,
 Korea

Discussant: José GAMARRA, Banco de la República,
 Cartagena, Colombia

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

**Examining and Evaluating Aggregation Scale Effects on
 Interregional Commodity by Industry Trade Flow Estimates**
 Walter R. SCHWARM and Randall W. JACKSON, West
 Virginia Univ., Morgantown, USA

Discussant: Louis DE MESNARD, Univ. Burgundy, Dijon,
 France

5:00–5:45

**A County Level Computable Geographical Equilibrium Model
 of the United States Economy**

Thomas TANNER, Univ. Georgia, Athens, USA
 Discussant: Choon Keun LEE, Daegu-Gyeongbuk
 Development Institute, Korea



Friday, 2:15 – 5:45 PM
Paper Session 4D ~ New Mexico Room
Sunrise Sectors:

Information Technology and Bio-Industry

Chair: John GEMELLO, San Francisco State Univ., USA

2:15–3:00

**Initial Findings of Locational Determinant of Biotechnology
 Firms at the State Level**

Thomas R. HARRIS, Slavica KARASTANKOVIC, and J. Scott
 SHONKWILER, Univ. Nevada, Reno, USA

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

3:00–3:45

**Information Technology Diffusion, Human Capital, and
 Spillovers: PC Diffusion in the 1990s and Early 2000s**

Mark DOMS, Federal Reserve Bank, San Francisco, CA, and
 Ethan LEWIS, Federal Reserve Bank, Philadelphia, PA, USA

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

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

**Performance of Urban IT Centers: The Boom, the Bust, and
 the Future**

Mary DALY and Rob VALLETTA, Federal Reserve Bank, San
 Francisco, CA, USA

Discussant: Doug JONES, Ohio State Univ., Columbus,
 USA

5:00–5:45

**Time-Space Management of Taiwanese Investments in the
 Pharmaceutical Industry**

Chiao-Ting CHANG, National Taiwan Univ., Taipei
 Discussant: Dong-Ho SHIN, Hannam Univ., Daejeon,
 Korea





Friday, 2:15 – 5:45 PM

**Paper Session 4E ~ Santa Fe Room
Social Geography and Demography**

Chair: Warren GILL, Simon Fraser Univ.,
Burnaby, B.C., Canada

2:15–3:00

***Student Mobility under an Open Enrollment Policy: An
Exploratory Analysis Using Administrative Records***

Stuart H. SWEENEY and Erin J. MIDDLETON, Univ.
California, Santa Barbara, USA

Discussant: Mei-Ling FREEMAN, U.S. Census Bureau,
Washington, DC

3:00–3:45

***Diversity and Its Effect on Socioeconomic Status in Four
Major U.S. Cities***

Charles SCHMIDT, Maribel ELIAS, and David FOLCH, San
Diego State Univ., CA, USA

Discussant: Beth WILKINSON, Univ. Arizona, Tucson,
USA

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

***Explaining Regional Differences in Black Earnings
Discrimination among Full-Time Working Men***

Don MAR, San Francisco State Univ., CA, USA

Discussant: Martin KORPI, Uppsala Univ., Sweden

5:00–5:45

***Unconventional Households: A Washington State Geographic
Portrait***

Richard MORRILL, Univ. Washington, Seattle, USA

Discussant: Laura HUNTOON, Univ. Arizona, Tucson,
USA



Friday, 2:15 – 5:00 PM

**Paper Session 4F ~ Exchange Room
Flows, Hierarchies, and Networks**

Chair: Edd HAUSER, Univ. North Carolina, Charlotte, USA

2:15–3:00

The Political Calculus of Congestion Pricing

David KING, Michael MANVILLE, and Donald SHOUP, Univ.
California, Los Angeles, USA

Discussant: Jong Sung LEE, Univ. Illinois, Urbana-
Champaign, USA

3:00–3:45

***The Investment Efficiency Change of Road and Rail Based on
Manufacturing Industry in Korea***

Seung Ki MIN and Ki Yong HONG, Dankook Univ., Seoul,
Korea

Discussant: Cesar M. FUENTES, El Colegio de la Frontera
Norte, Ciudad Juárez, México

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

Measuring the Topology of Road Networks

Feng XIE, Univ. Minnesota, Minneapolis, USA

Discussant: Lars LUNDQVIST, Royal Institute of
Technology, Stockholm, Sweden



Friday, 2:15 – 5:00 PM

**Paper Session 4G ~ Coronado Room
Economic Development Policy**

Chair: Andrew M. ISSERMAN, Univ. Illinois,
Urbana-Champaign, USA

2:15–3:00

***Entrepreneurship and Public Policy: Measurement, Analysis,
and Public Policy Implications***

Roger R. STOUGH, Chunpu SONG, Scott JACKSON, and
Ryan SUTTER, George Mason Univ., Fairfax, VA, USA

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

3:00–3:45

***Evaluating Economic Development: Two Contrasting
Approaches***

Katherine CHALMERS, Bowling Green State Univ., OH,
Stephan WEILER, Federal Reserve Bank, Kansas City, MO, and
Chuen-Mei FAN, Colorado State Univ., Fort Collins, USA

Discussant: David KRAYBILL, Ohio State Univ.,
Columbus, USA

3:45–4:15, Coffee Break (Mezzanine)

4:15–5:00

***Evaluating the State R&D Tax Credits by Using the Quasi-
Experimental Methods***

Yujeung HO, Univ. Pittsburgh, PA, USA

Discussant: Richard WOBBEKIND, Univ. Colorado,
Boulder, US



Friday, 5:45 – 7:15 PM

**President's Reception
(La Terraza)**

*For All Meeting Participants and Accompanying Persons;
Everyone Welcome!*

Hosted by:

Jack Osman, 45th WRSA President (2006–2007)

*Generous financial support for this event has been provided by
the Office of the Provost, San Francisco State University.*

***From the Winter 1998/1999 WRSA Newsletter...
WRSA Cohosts Enormously Successful North
American Meetings of the RSAI in Santa Fe***

The WRSA, along with the Department of Geography & Regional Development of the University of Arizona, cohosted the largest ever North American Meetings of the Regional Science Association International, November 11 — 14, in Santa Fe, New Mexico. More than 400 regional science scholars from far and wide participated in the three days of the 45th annual conference. The Final Program included a total of 84 paper sessions featuring 316 papers, along with a large number of panels and council and business meetings. Sessions were held in two hotels, the historic La Fonda and the lovely Hotel Loretto...



Saturday, February 25

8:45 AM – 12:00 PM

Registration continues (Mezzanine)

8:15 or 9:00 AM – 12:30 PM

Six Concurrent Paper Sessions:

- 5A Industrial Clusters: Analysis and Cases
- 5B Social Dimensions of Regional Analysis
- 5C The Journey to Work and Urban Spatial Structure
- 5D Impact Analysis
- 5E Remote Regions, II
- 5F Modeling Economic Structure, II

9:00 AM – 10:30 AM

Roundtable Session:

- 5G Consulting in Regional Science

10:30 – 11:00 AM

Coffee Break (Mezzanine)

11:00 AM – 12:30 PM

Panel Session:

- 5H Western States Economic Outlook, I

12:30 – 2:00 PM

Lunch Break (On your own this day)

2:00 – 5:30 PM

Seven Concurrent Paper Sessions:

- 6A Western States Economic Outlook, II
- 6B Remote Regions, III
- 6C New Perspectives on Rural and Regional Development
- 6D External Economies and Regional Growth
- 6E Location Theory and Spatial Modeling
- 6F Regional Management and Impact Analysis
- 6G Recreation, Tourism, and Regional Development

3:30 – 4:00 PM

Coffee Break (Mezzanine)

5:30 PM

Conference Ends



Saturday, 9:00 AM – 12:30 PM

Paper Session 5A ~ Ballroom North

Industrial Clusters: Analysis and Cases

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

9:00–9:45

Using Cluster-Based Economic Development to Enhance the Economic Competitiveness of Northwest Ohio's Greenhouse Nursery Industry

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

Discussant: Calvin JONES, Cardiff Univ., U.K.

9:45–10:30

Agro-Industry Location: Theory and Test

Maureen KILKENNY and Scott COLEMAN, Univ. Nevada, Reno, USA

Discussant: Dave MARCOUILLER, Univ. Wisconsin, Madison, USA

10:30–11:00, **Coffee Break** (Mezzanine)

11:00–11:45

Hawaii's Biotech Industry: Growth and Policy Implications

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

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

11:45–12:30

Industrial Clusters and Transaction Cost

Hailin SUN and Luoping SUN, Sun Yat-sen Univ., Guangzhou, China

Discussant: Gary A. S. Cook, Univ. Liverpool, U.K.



Saturday, 9:00 – 11:45 AM

Paper Session 5B ~ Ballroom South
Social Dimensions of Regional Analysis

Chair: Robert STIMSON, Univ. Queensland, Brisbane, Australia

9:00–9:45

The Diffusion of Risk: A Cross National Assessment of Residential Burglary

George RENGERT, and Jerry RATCLIFFE, Temple Univ., Philadelphia, PA, USA, Shane D. JOHNSON, Kate J. BOWERS, and Mike TOWNSLEY, Univ. College London, U.K., and Wim BERNASCO and Henk ELFFERS, NSCR, The Netherlands

Discussant: Rachel FRANKLIN, Univ. Maryland, College Park, USA

9:45–10:30

Spatial Injustice in Cyberspace: The Case of Los Angeles

Cheol-ho LEE, Univ. California, Los Angeles, USA

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

10:30–11:00, **Coffee Break** (Mezzanine)

11:00–11:45

Valuing Urban Environmental Amenities: Does Neighborhood Context Matter?

Christopher BITTER, Univ. Arizona, Tucson, USA

Discussant: E. Anthon EFF, Middle Tennessee State Univ., Murfreesboro, USA

Where's WRSa Next Year?

Newport Beach, California

WRSa returns to Orange County, on the (hopefully) sunny southern California coast, for the first time since 1986 (when we met at the Surf & Sand in Laguna Beach).

Our 46th Annual Meeting will be held February 21–25, 2007, at the Hyatt-Regency Newport Beach. Old-timers will remember it as the site of the 20th and 8th Annual Meetings (in 1981 and 1969) when it was known as the Newporter. Get working on a paper for submittal by our traditional October 15 deadline!



Saturday, 9:00 – 11:45 AM

Paper Session 5C ~ Stiha Room

The Journey to Work and Urban Spatial Structure

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

9:00–9:45

The Influence of Decentralized Urban Structure and Its Implications on Commuting Time in Ciudad Juárez, México

Cesar M. FUENTES, El Colegio de la Frontera Norte, Ciudad Juárez, México

Discussant: Donald SHOUP, Univ. California, Los Angeles

9:45–10:30

Urban Spatial Structure and Commuting in U.S. Metropolitan Areas

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

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

10:30–11:00, Coffee Break (Mezzanine)

11:00–11:45

An Empirical Analysis of Household Choices on Housing and Travel Mode in Boston

William P. ANDERSON, Chun-Yu HO, T. R.

LAKSHMANANAN, and Dan LI, Boston Univ., MA, USA

Discussant: Seung Ki MIN, Dankook Univ., Seoul, Korea



Saturday, 9:00 AM – 12:30 PM

Paper Session 5D ~ New Mexico Room

Impact Analysis

Chair: Mark DRABENSTOTT, Federal Reserve Bank,
Kansas City, MO, USA

9:00–9:45

Economic and Fiscal Effects of the 2006 FIFA World Cup in Germany: The Case of the World Cup Games in Munich

Alina POPESCU, Peter FRIEDRICH, and Günter WÖNNEMANN, Univ. Federal Armed Forces, Munich, Germany

Discussant: Juanita LIU, Univ. Hawaii, Manoa, USA

9:45–10:30

The Economic Impact of Agricultural Direct Marketing in the Pacific Northwest

Nick BELEICIKS, Oregon State Univ., Corvallis, and David HOLLAND, Washington State Univ., Pullman, USA

Discussant: Joe FRANCIS, Cornell Univ., Ithaca, NY, USA

10:30–11:00, Coffee Break (Mezzanine)

**Submitting Annual Meeting Papers to:
*The Annals of Regional Science***

Conference participants are invited to submit their papers to WRSA's official journal, *The Annals of Regional Science*. The coeditors are all here and will be happy to discuss potential submissions.

Speak with: **T. John Kim, Roger R. Stough, Börje Johansson**, or (new co-editor in 2006) **Euijune Kim**.

11:00–11:45

Economic Impact of Institutions of Higher Education on Local Economy

Bijan VASIGH and Matthew J. FRANKEL, Embry-Riddle Aeronautical Univ., Daytona Beach, FL, USA

Discussant: Max MUNDAY, Cardiff Univ., U.K.

11:45–12:30

Local Labor Market Effects of Industrial Demand Shocks - Aircraft Manufacturing in the 1990s

Keenan DWORAK-FISHER, U.S. Bureau Labor Statistics, Washington, D.C., and John BOUND, Univ. Michigan, Ann Arbor, USA

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



Saturday, 8:15 AM – 12:30 PM

Paper Session 5E ~ Santa Fe Room

Modeling Economic Structure, II

Chair: Walter R. SCHWARM, West Virginia Univ., Morgantown, USA

8:15–9:00

State Industry Production Accounts:

Developing Gross Output and Intermediate Inputs Series by Industry and State

John SPORING, Jr. and Eric C. ERICKSON, U.S. Bureau of Economic Analysis, Washington, DC, USA

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

9:00–9:45

Looking at Some Data from Isard's "Methods of Regional Analysis"

Waldo TOBLER, Univ. California, Santa Barbara, USA

Discussant: Thomas TANNER, Univ. Georgia, Athens, USA

9:45–10:30

Identifications of Temporal and Regional Fundamental Economic Structure (FES) in India: An Input-Output + Cross Entropy Analysis

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

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

10:30–11:00, Coffee Break (Mezzanine)

11:00–11:45

Comparing Matrix Adjustment Methods: A Formal Answer

Louis DE MESNARD, Univ. Burgundy, Dijon, France

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

11:45–12:30

Analysis of Regional Potential Output of Korea

Euijune KIM, Seoul National Univ., Jinu YOON, SK

Construction, Seoul, and Hong Sok KIM, Yonsei Univ., Seoul, Korea

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



Saturday morning sessions continue on p.14...



Saturday, 9:00 – 11:45 AM

**Paper Session 5F ~ Exchange Room
Remote Regions, II**

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

9:00–9:45

The Early Greenlandic Photos by William Bradford

Marianne STENBAEK, McGill Univ., Montréal, Québec, Canada

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

9:45–10:30

Strengthening Alaska's Local Option

Mary EHRLANDER, Univ. Alaska, Fairbanks, USA

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

10:30–11:00, Coffee Break (Mezzanine)

11:00–11:45

On Application of the 'Internal Colonial' Metaphor to Inuit Societies

Jack HICKS, Nunavut, Canada

Discussant: Kimani L. KIMBROUGH, National Oceanic and Atmospheric Administration, Silver Spring, MD



Saturday, 9:00 – 10:30 AM

**Roundtable Session 5G ~ Coronado Room
Consulting in Regional Science**

Convenors:

Geoffrey J. D. Hewings, Univ. Illinois, Urbana-Champaign, and John QUIGLEY, Univ. California, Berkeley, USA

This meeting is open to any interested participant and will provide an opportunity to reflect on issues such as: (1) the widening gap between academic research and professional practice; (2) funding opportunities we need to explore; and (3) effective ways of sharing consulting experiences.

Everyone Welcome to Participate!



Saturday, 11:00 AM – 12:30 PM

**Panel Session 5H ~ Coronado Room
Western States Economic Outlook, I
(Cosponsored by AUBER)**

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

Organized by: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Montana

Paul POLZIN, Univ. Montana, Missoula

Washington

Hart HODGES, Western Washington Univ., Bellingham

Oregon

R. Pete PARCELLS and Kaitlin COLEMAN, Whitman College, Walla Walla, WA

Northern California

Sean SNAITH, Univ. of the Pacific, Stockton, CA, USA

Lunch Break (On your own this day)



Saturday, 2:00 – 5:30 PM

**Panel Session 6A ~ Ballroom A
Western States Economic Outlook, II
(Cosponsored by AUBER)**

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

Organized by: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Southern California

Esmael ADIBI, Chapman Univ., Orange, CA

Arizona

Marshall VEST, Univ. Arizona, Tucson

Nevada

R. Keith SCHWER, Univ. Nevada, Las Vegas

New Mexico

Lee A. REYNIS, Univ. New Mexico, Albuquerque

3:30–4:00, Coffee Break (Mezzanine)

Colorado

Rich WOBBEKIND, Univ. Colorado, Boulder

Nebraska

Eric THOMPSON, Univ. Nebraska, Lincoln

Utah

Jan CRISPIN-LITTLE, Univ. Utah, Salt Lake City



Saturday, 2:00 – 4:45 PM

**Paper Session 6B ~ Ballroom South
Remote Regions, III**

Chair: Mary EHRLANDER, Univ. Alaska, Fairbanks, USA
2:00–2:45

Extracting Lessons from Alaska's Coal Bed Methane

Controversy: Implication for Collaboration in Environmental Governance

Greg PROTASEL, Univ. Alaska, Anchorage, USA

Discussant: Mary EHRLANDER, Univ. Alaska, Fairbanks, USA

2:45–3:30

"Whatever you do, don't recreate Yellowknife!" The Design, Implementation and Evaluation of a Decentralized Nunavut Government: A Case Study in Organizational Engineering

Jack HICKS, Nunavut, Canada, and Graham WHITE, Univ. Toronto, Ontario, Canada

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

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Acting Like Owners in the Owner State

Lee HUSKEY, Univ. Alaska, Anchorage, USA

Discussant: Nejem RAHEEM, Univ. New Mexico, Albuquerque, USA



Saturday, 2:00 – 5:30 PM

Paper Session 6C ~ Stiha Room

New Perspectives on Rural and Regional Development

Chair: Ted LANE, Thomas/Lane and Associates,
Seattle, WA, USA

2:00–2:45

The Social Capital of Regional Dynamics: A Policy Perspective

Hans WESTLUND, Swedish Institute for Growth Policy Studies, Östersund, Sweden

Discussant: Arthur L. SILVERS, Univ. Arizona, Tucson, USA

2:45–3:30

Rethinking Federal Policy for Regional Economic Development

Mark DRABENSTOTT, Federal Reserve Bank, Kansas City, MO, USA

Discussant: Prahlad KASTURI, Radford Univ., Blacksburg, VA, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Results-Driven Rural Development Planning and Policy

Andrew M. ISSERMAN, Univ. Illinois, Urbana-Champaign, USA

Discussant: Maureen KILKENNY, Univ. Nevada, Reno, USA

4:45–5:30

Disappearing Farmland: The Causes of Changes in the Amount of Land in Agricultural Use

Li LIU and Donald VANDEGRIFT, College of New Jersey, Ewing, USA

Discussant: Michael C. CARROLL, Bowling Green State Univ., OH, USA



Saturday, 2:00 – 5:30 PM

Paper Session 6D ~ New Mexico Room

External Economies and Regional Growth

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

2:00–2:45

Is Small Firm Gardening Good for Local Economic Growth? The Impact of Firm Size and Industry Concentration on Economic Growth in U.S. Counties 1980-2000

Hart HODGES, Western Washington Univ., Bellingham, USA, and Stein ØSTBYE, Univ. Tromsø, Norway

Discussant: Deborah STRUMSKY, Harvard Univ., Cambridge, MA, USA

2:45–3:30

Polycentric Development and Territorial Cohesion in the BSR: Strategies and Priorities

Lisa VAN WELL, Camila Cortés BALLERINO, and Mats JOHANSSON, Royal Inst. Technology, Stockholm, Sweden

Discussant: Sandy DALL'ERBA, Free Univ., Amsterdam, The Netherlands

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Agglomeration and the Geography of Localization Economies in Canadian Cities

John R. BALDWIN, Desmond BECKSTEAD and W. Mark BROWN, Statistics Canada, Ottawa, Ontario, and David L. RIGBY, Univ. California, Los Angeles, USA

Discussant: Terry CLOWER, Univ. North Texas, Denton, USA

4:45–5:30

Clusters, Economic Geography and Regional Development Policy: Insights from the UK Broadcasting Industry

Gary A. S. COOK, Univ. Liverpool, and Naresh R. PANDIT, Manchester Business School, U.K.

Discussant: Hailin SUN, Sun Yat-sen Univ., Guangzhou, China



Saturday, 2:00 – 4:45 PM

Paper Session 6E ~ Santa Fe Room

Location Theory and Spatial Modeling

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

2:00–2:45

Urbanization and Poverty Trap: A Demographic Perspective

Yasuhiro SATO, Nagoya Univ., Japan, and Kazuhiro YAMAMOTO, Osaka Univ., Japan

Discussant: Jeremiah ALLEN, Univ. Lethbridge, Alberta, Canada

2:45–3:30

On the Specification of Regression Models when the Underlying Theory Suggests Spatial Dependence - An Application of the Accessibility Concept

Martin ANDERSSON, Jönköping International Business School, and Urban GRÄSJÖ, Univ. Trollhättan, Uddevalla, Sweden

Discussant: Arthur GETIS, San Diego State Univ., CA, USA

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

Filtering Complexity for Observational Errors and Spatial Bias

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

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

Saturday Afternoon sessions continue on p. 16...

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Saturday, 2:00 – 3:30 PM

Paper Session 6F ~ Exchange Room

Regional Management and Impact Analysis

Chair: Alina POPESCU, Univ. Federal Armed Forces,
Munich, Germany

2:00–2:45

***Do the Performing Arts Stimulate Economic Development?
A Review of the Literature and a Case Study***

Bernard L. WEINSTEIN and Terry L. CLOWER, Univ. North
Texas, Denton, USA

Discussant: Keenan DWORAK-FISHER, U.S. Bureau of
Labor Statistics, Washington, DC, USA

2:45–3:30

***The Economic and Fiscal Effects of the New Soccer Stadium
Munich***

Peter FRIEDRICH, Alina POPESCU, and Heinrich Günter
WONNEMANN, Univ. Federal Armed Forces, Munich,
Germany

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



Saturday, 2:00 – 5:30 PM

**Paper Session 6G ~ Recreation, Tourism, and
Regional Development**

Chair: Bernard BIZET, ESSEC, Paris, France

2:00–2:45

***The Supply of Outdoor Recreation: Locational Attributes and
Regional Relationships***

Dave MARCOUILLER, Univ. Wisconsin, Madison, and Jeff
PREY, Wisconsin Dept. Natural Resources, USA

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

2:45–3:30

***Exploring the Environmental Consequences of Tourism: A
UK Regional Case***

Calvin JONES and Max MUNDAY, Cardiff Univ., UK

Discussant: Warren GILL, Simon Fraser Univ., Burnaby,
British Columbia, Canada

3:30–4:00, Coffee Break (Mezzanine)

4:00–4:45

***Culturally Based Economic Development: A Case for
Ecotourism in American Samoa***

Juanita LIU, Univ. Hawaii, Honolulu, USA

Discussant: Lay James GIBSON, Univ. Arizona, Tucson,
USA

4:45–5:30

***On the Relationship of Wine Price to Quality Rating,
Production Volume, Storage Ability and Region of Origin: A
Study of 2001 California Cabernet Sauvignon***

Jon R. MILLER and Ismail GENE, Univ. Idaho, Moscow, and
Angela DRISCOLL, Univ. New Mexico, Albuquerque, USA

Discussant: Antoine BAILLY, Univ. Genève, Switzerland

5:30 PM, Conference Ends



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Session assignments are listed following each participant's name:

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

OS = Opening Session **on Wednesday Afternoon**
 EDF = Econ. Dev. Forum **on Thursday Morning**
 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.

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Previous Winners of the Charles M. Tiebout Prize in Regional Science

We celebrate this year the 20th Anniversary of the Charles M. Tiebout Prize. The Prize is given at the Annual Meeting to the best paper submitted by a graduate student. It honors the memory of Charlie Tiebout, for his outstanding contributions to regional science before his untimely death in 1968.

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, and **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: **Seong Woo Lee** and **Woo Suk Zhee**, University of Southern California

10th, 1996 (co-winners): **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 (cowinners): **Hsin-Ping Chen**, University of California, Irvine, and **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

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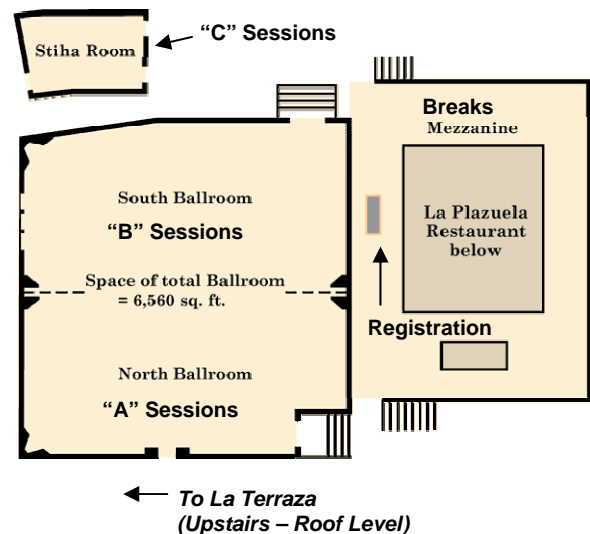
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Locations of Conference Events at La Fonda...

MEZZANINE LEVEL:



LOBBY LEVEL:

