Welcome to Sedona, to Arizona’s Red Rock Country, and to WRSA’s Cosmic Convergence – our 49th Annual Meeting.

There may have been some changes since you last checked the Preliminary Program on the WRSA website. So please verify the timing as well as the locations of papers and sessions. The Program Participant Locator, on Pages 17–19, should help you find when and where you and others are scheduled.

The floor plan on Page 20 can help you find conference events. The box at the bottom Page 15 contains important information about how the sessions will be conducted.

This year’s Annual Meeting includes a number of special features. The Meeting will formally open on Sunday at 4:15 PM in the Canyon Ballroom, with a plenary talk about Arizona’s economy.

The traditional Welcoming Reception will immediately follow. All registrants and those for whom a Banquet and Receptions ticket packet have been purchased may use their included BLUE ticket for a first drink from the bar. Beverages will, in addition, be available on a cash-bar basis. All accompanying persons are encouraged to attend the Opening Session and Welcoming Reception!

The Annual Banquet Luncheon is on Tuesday at 12:30 PM in the Tequa Ballroom (which is across the parking lot from the main hotel building). Bring your PINK ticket to be seated. Accompanying persons who are not paid registrants must have tickets to attend this event. The entrée will be chicken, so vegetarians – please let Lauren at the Registration Desk know by Sunday evening if you would like a meatless meal.

On Tuesday evening, beginning at 6:00 PM, Bob Stimson will host the annual President’s Reception. All are welcome at this social function! Use the last of the tickets in your packet (the GOLD one) for a first drink. There will hors d’oeuvres (thanks to Bob!) and a cash bar for additional beverages.

Best wishes for a productive and stimulating conference, and a peaceful, relaxing time here in Sedona.

Sunday, February 21

2:00 – 6:30 PM, Registration (Canyon Foyer)
4:15 – 5:30 PM, Plenary Opening Session (Canyon Ballroom)
5:30 – 7:00 PM, Welcoming Reception (Canyon Patio)

Sunday, 4:15 – 5:30 PM
Plenary Opening Session
Canyon Ballroom

Chair: David HOLLAND, 50th WRSA President (2009–2010)

“Arizona’s economy and the long road to recovery”
Lee McPHETERS
Arizona State Univ., Tempe, USA

Sunday, 5:30 – 7:00 PM
Welcoming Reception
Canyon Patio

The Opening Session and the Welcoming Reception are open to all accompanying persons as well as registrants.

Everyone Welcome!

WRSA Internet Café: Canyon Ballroom B

Coffee will be available each morning from 7:00 AM through the morning session break from 9:30 to 10:00. To access the free wireless for conference participants in Canyon Ballroom B (our exhibit area) login with username WRSA and password Science321. Sit at the tables, chat with colleagues and check your email.
Monday, February 22

7:00 – 10:00 AM, Coffee Available (Canyon Foyer)

7:00 AM – 5:45PM, Exhibits and Internet Café Open (Canyon Ballroom B)

7:15 AM – 12:15 PM (and 1:15–5:45 PM), Registration (Canyon Foyer)

8:00 or 8:45 AM – 12:15 PM, Concurrent Sessions:

1A Papers in Honor of G. Mulligan, I (Canyon Ballroom A)
1B Hazards, Infrastructure, Recovery (Oak Creek Canyon A)
1C Urban Structure and Organization (Oak Creek Canyon B)
1D Industry Location, I (Ironwood Suite, Room 1052)
1E Economic Development, I (Oak Suite, Room 1054)
1F Western States Outlook (Juniper Suite, Room 1055)

7:00 AM – 5:45PM, Exhibits and Internet Café Open (Canyon Ballroom B)

7:15 AM – 12:15 PM, Registration (Canyon Foyer)

8:00 or 8:45 AM – 12:15 PM, Concurrent Sessions:

1A Papers in Honor of G. Mulligan, I (Canyon Ballroom A)
1B Hazards, Infrastructure, Recovery (Oak Creek Canyon A)
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1D Industry Location, I (Ironwood Suite, Room 1052)
1E Economic Development, I (Oak Suite, Room 1054)
1F Western States Outlook (Juniper Suite, Room 1055)

9:30 – 10:00 AM, Coffee Break (Canyon Foyer)

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

12:15 – 1:30 PM, Annals Editorial Board Meeting (By invitation only; Dry Creek Canyon B)

1:15 – 5:45 PM, Registration (Continues, Canyon Foyer)

1:30 – 5:45 PM, Concurrent Sessions:

2A Round Table: Global Financial Crisis (Canyon Ballroom A)
2B Agricultural Analysis and Policy (Oak Creek Canyon A)
2C Industry Location, II (Oak Creek Canyon B)
2D Transportation, I (Ironwood Suite, Room 1052)
2E Economic Development, II (Oak Suite, Room 1054)
2F Fiscal Issues (Juniper Suite, Room 1055)

3:00 – 3:30 PM, Coffee Break (Canyon Foyer/Ballroom B)

3:30 – 5:00 PM, WRSA Board Meeting (By invitation only; Dry Creek Canyon B)

7:00 PM, Dinner in Honor of Gordon Mulligan (Cucina Rústica Restaurant; Advance reservations and prepayment required.)

Monday, 8:00 – 11:30 AM

Paper Session 1A ~ Canyon Ballroom A
Papers in Honor of Gordon Mulligan, I
Chair: Geoffrey J. D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA

8:00–8:45

Gordon Mulligan: A literature review

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

8:45–9:30

“Life is short, art is long”: From Bohemian graduates to the creative class
Maria ABREU, Univ. Groningen, Roberta COMUNIAN, Univ. Southampton, Alessandra FAGGIAN, Univ. Southhampton, UK, and Philip MCCANN, Univ. Groningen, The Netherlands

Discussant: Mark D. PARTRIDGE, The Ohio State Univ., Columbus, USA

9:30–10:00, Coffee Break

10:00–10:45

Political and public acceptability of congestion pricing: Ideology and self interest
Björn HÅRSMAN, Royal Institute of Technology, Stockholm, Sweden and John M. QUIGLEY, Univ. California, Berkeley, USA

Discussant: Andrew HAUGHWOUT, Federal Reserve Bank of New York, USA

10:45–11:30

Analyzing quality of urban life
Robert STIMSON and Rod McCREA, Univ. Queensland, Brisbane, Australia, and Robert MARANS, Univ. Michigan, Ann Arbor

Discussant: Alexander C. VIAS, Univ. Connecticutt, Storrs, USA

Monday, 8:45 – 11:30 AM

Paper Session 1B ~ Oak Creek Canyon A
Hazards, Infrastructure, and Recovery
Chair: Alexandra SCHAFFAR, Univ. La Réunion, Saint-Denis, France

8:45–9:30

Estimating the effects of highway infrastructure failure on freight flows for the U.S. highway network
Qisheng PAN, Texas Southern Univ., Houston, Peter GORDON, James E. MOORE and Harry RICHARDSON, Univ. Southern California, JiYoung PARK, State Univ. New York, Buffalo, Joongkoo CHO, SooHyun CHO, Sung-Ho RYU and Eunha JUN, Univ. Southern California, Los Angeles, USA

Discussant: Bernard WEINSTEIN, Southern Methodist Univ., Dallas, TX, USA

9:30–10:00, Coffee Break

10:00–10:45

Hurricanes and the Louisiana state economy
Yu XIAO, Texas A&M Univ., College Station, USA

Discussant: Larry V. ST. LOUIS, Univ. Saskatchewan, Saskatoon, Canada

10:45–11:30

Test of information and hypothetical bias in CVM: Case study of urban restoration project in Seoul
Brian H.S. KIM, Seoul National Univ., Woo-Young CHO, Korea Environment Institute, and Minsu SON, Yonsei Univ., Seoul, Korea

Discussant: Colleen DONOVAN, Univ. California, Berkeley, USA

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Brian H.S. KIM, Seoul National Univ., Woo-Young CHO, Korea Environment Institute, and Minsu SON, Yonsei Univ., Seoul, Korea

Discussant: Colleen DONOVAN, Univ. California, Berkeley, USA
Monday, 8:00 AM – 12:15 PM

Paper Session 1C ~ Oak Creek Canyon B
Urban Structure and Organization
Chair: Janet KOHLHASE, Univ. Houston, TX, USA

8:00–8:45
An empirical analysis of the innovation and diffusion of deregulation
Junya FUKUMOTO, Tohoku Univ., Sendai City, Japan
Discussant: Waldo TOBLER, Univ. California, Santa Barbara, USA

8:45–9:30
Employment center hierarchy & function: The manifestation of agglomeration in the Los Angeles metropolitan area
Genevieve GIULIANO and Christian L. REDFEARN, Univ. Southern California, Los Angeles, USA
Discussant: Myung-Jin JUN, Chung-An Univ., Seoul, Korea

9:30–10:00, Coffee Break

10:00–10:45
Ubiquitous geographic information
Tschangho John KIM, Univ. Illinois, Urbana-Champaign, and Sung-Gheel JANG, Cleveland State Univ., OH, USA
Discussant: Sungyop KIM, Univ. Missouri, Kansas City, USA

10:45–11:30
Urban structure and economic growth
Peter GORDON and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA
Discussant: Michel DIMOU, Univ. La Réunion, Saint-Denis, France

11:30–12:15
The analysis of the effect of population dispersion on the Seoul metropolitan area on regional economies: A case of development of multifunctional administrative city
ChangKeun LEE, Yujin BAE, and Euijune KIM, Seoul National Univ., Korea
Discussant: L. Michael FARRELL, Univ. Québec, Trois-Rivières, Canada

Monday, 8:00 – 11:30 AM

Paper Session 1D ~ Ironwood Suite, Room 1052
Industry Location, I
Chair: Antoine BAILLY, Univ. Genève, Switzerland

8:00–8:45
Export behavior of firms in urban and rural regions
Sara JOHANSSON and Lars PETTERSSON, Jönköping International Business School and the Swedish Board of Agriculture, Stockholm
Discussant: Gary TOMPKINS, Univ. Regina, SK, Canada

8:45–9:30
Agglomeration within an urban area
Stephen BILLINGS, Univ. North Carolina, Charlotte, and Erik JOHNSON, Quinnipiac University, Hamden, CT, USA
Discussant: Börje JOHANSSON, Jönköping International Business School and Royal Institute of Technology, Stockholm, Sweden

9:30–10:00, Coffee Break

10:00–10:45
Agglomeration and productivity: Evidence from firm-level data
Martin ANDERSSON, Royal Institute of Technology and Jönköping International Business School, and Hans LÖÖF, Royal Institute of Technology, Stockholm, Sweden
Discussant: Brian P. HOLLY, U.S. Census Bureau, Suitland, MD, USA

10:45–11:30
Trading cultural goods in the era of digital piracy
Stefania LIONETTI, Univ. Lugano, and Roberto PATUELLI, Univ. Lugano, Switzerland, and The Rimini Centre for Economic Analysis, Italy
Discussant: Giang T. NGO, Univ. Texas, Dallas, USA

Monday, 8:00 – 11:30 AM

Paper Session 1E ~ Oak Suite, Room 1054
Economic Development, I
Chair: Lay J. GIBSON, Univ. Arizona, Tucson, USA

8:00–8:45
Attributes influencing enterprise propensity in urban and rural Sweden
Kent ELIASSON, Swedish Agency for Growth Policy and Analysis, Östersund, and Umé Univ., and Hans WESTLUND, Royal Institute of Technology, Stockholm, and Jönköping International Business School, Sweden
Discussant: Scott N. LIESKE, Univ. Sunshine Coast, Sippy Downs, QLD, Australia

8:45–9:30
Social capital and economic growth: A cross-country investigation
Soogwan DOH, George Mason Univ., Fairfax, VA, USA
Discussant: Alina M. POPESCU-SCHOENBERG, Univ. Bundeswehr Munich, Neubiberg, Germany

9:30–10:00, Coffee Break

10:00–10:45
Does the business cycle matter for convergence testing? Evidence from US commuting zone level data
Chenxi YU, Univ. Illinois, Urbana-Champaign, USA
Discussant: Florence BOUVET, Univ. Sonoma, Rohnert Park, CA, USA

10:45–11:30
What brings the on-location filming activities to local economies: quasi-experimental approach
Junpyo HONG and J. Matthew FANNIN, Louisiana State Univ., Baton Rouge, USA
Discussant: Thomas R. HARRIS, Univ. Nevada, Reno, USA

Monday Morning Program continues on Page 4...
Monday, 8:00 AM – 12:15 PM
Session 1F ~ Juniper Suite, Room 1055
Western States Economic Outlook
(Cosponsored by AUBER)
Chair: Timothy D. HOGAN, Arizona State Univ., Tempe, USA

Western States Overview
Lee McPHETERS, Arizona State Univ., Tempe, USA
Arizona
Marshall VEST, Univ. Arizona, Tucson, USA
Colorado
Richard WOBBEKIND, Univ. Colorado, Boulder, USA
Montana
Paul POLZIN, Univ. Montana, Missoula, USA
Nebraska
Eric THOMPSON, Univ. Nebraska, Lincoln, USA
Nevada
Mary RIDDDEL, Univ. Nevada, Las Vegas, USA
Washington
R. Pete PARCELLS, Whitman College, Walla Walla, USA

9:30–10:00, Coffee Break

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

Monday, 12:15 – 1:30 PM
Annals of Regional Science, Editorial Board Meeting ~ Dry Creek Canyon B
(By invitation only)
Convenors: Barbara FESS, Springer Publishing; Börje JOHANSSON, Euijune KIM, and Roger STOUGH, Co-Editors

Submiting Papers to:
The Annals of Regional Science

Annual Meeting participants are cordially invited to submit their papers to WRSA’s official journal, The Annals of Regional Science.

All three coeditors, Roger R. Stough, Börje Johansson, and Euijune Kim, are participating at the conference and will be happy to discuss potential submissions.

Springer Editor, Barbara Fess, will be available in the Exhibits Area in Canyon Ballroom B throughout the conference.

Monday, 1:30 – 3:00 PM
Round Table Session 2A ~ Canyon Ballroom A
The Global Financial Crisis:
Regional Implications and Responses
Co-Chairs: Antoine BAILLY, Univ. Genève, Switzerland, and Lay J. GIBSON, Univ. Arizona, Tucson, USA

The panel will consider the usefulness of Regional Science in dealing with the world economic and financial crisis and its impacts on regional development.

• What have been the regional impacts of the crisis in different countries, such as Australia, France, Switzerland, and the USA?
• To what extent have public policy responses had explicit regional components or foci?
• Has regional science analysis been used to enhance public policy responses and, especially, to promote regional innovation, creativity and development in the responses?

These questions will be raised at the round table by each of the panel members to highlight what has happened in their countries and what they think should have been done to improve responses to the global financial crisis.

Panelists:
Antoine BAILLY, Univ. Genève, Switzerland,
Lay J. GIBSON, Univ. Arizona, Tucson, USA
Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA
Claude LACOUR, Univ. Montesquieu-Bordeaux IV, France
Sylvette PUISSANT, Univ. Montesquieu-Bordeaux IV, France
Robert STIMSON, Univ. Queensland, Brisbane, Australia
Bernard WEINSTEIN, Southern Methodist Univ., Dallas, TX, USA

Monday, 1:30 – 5:00 PM
Paper Session 2B ~ Oak Creek Canyon A
Agricultural Analysis and Policy
Chair: Douglas E. MORRIS, Univ. New Hampshire, Durham, USA
1:30–2:15
The effects of urban development pressure on agricultural land price in Korea: Application of a geographically weighted regression model
Miyoung KIM, Seoul National Univ., and DeokHo CHO, DaeGu Univ., Korea
Discussant: Kent ELIASSON, Swedish Agency for Growth Policy Analysis, Östersund, and Umeå Univ., Sweden
2:15–3:00
The competitiveness of Hawaii’s agricultural exports to Japan
Hazel PARCON and Run YU, Univ. Hawaii, Manoa, Matthew LOKE, Hawaii Department of Agriculture, Honolulu, and PingSun LEUNG, Univ. Hawaii, Manoa, USA
Discussant: R. Pete PARCELLS, Whitman College, Walla Walla, WA, USA
3:00–3:30, Coffee Break
3:30–4:15
**Farmland preservation verdicts: Rezoning agricultural land in British Columbia**
Tracy STOBBE, Trinity Western Univ., Langley, BC, Canada
Discussant: Junpyo HONG, Louisiana State Univ., Baton Rouge, USA

4:15–5:00
**Gender mediation and outreach issues for national, regional, and local governments in the western region**
Eric P. THOR, Pratibha BONITA, and Abbe SLADE, Arizona State Univ., Tempe, USA
Discussant: Douglas E. MORRIS, Univ. New Hampshire, Durham, USA

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**Monday, 1:30 – 5:00 PM**
**Paper Session 2C ~ Oak Creek Canyon B Industry Location, II**
Chair: Martin ANDERSSON, Royal Institute of Technology and Jönköping International Business School, Sweden

1:30–2:15
**Endogenous growth theory in motion: Emergence and development dynamics in the U.S. biotechnology sector**
Giang T. NGO and Donald A. HICKS, Univ. Texas, Dallas, USA
Discussant: Erik JOHNSON, Univ. North Carolina, Charlotte, USA

2:15–3:00
**Market potential and start-up size**
Johan KLÄESSON, Jönköping International Business School, Sweden
Discussant: Sylvain BARDE, OFCE/DRIC, Sophia-Antipolis, France

3:30–4:15
**The effect of trade on regional distribution in Mexico**
Rafael GARDUÑO-RIVERA, Univ. Illinois, Urbana-Champaign, USA
Discussant: Haifeng QIAN, George Mason Univ., Fairfax, VA, USA

4:15–5:00
**MNF affiliates: Knowledge spillover agents?**
Martin ANDERSSON, Urban GRÅSJÖ and Charlie KARLSSON, Centre of Excellence for Science and Innovation Studies, Stockholm, HV Skola, and Jönköping International Business School, Jönköping, Sweden
Discussant: Stephen BILLINGS, Univ. North Carolina, Chapel Hill, USA

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**Monday, 1:30 – 5:45 PM**
**Paper Session 2D ~ Ironwood Suite, Room 1054 Transportation I**
Chair: Hans LÖÖF, Royal Institute of Technology, Stockholm, Sweden

1:30–2:15
**Inflation in the Caribbean: How well does the quantity theory of money explain it?**
Moses C.V. POLOGNE, Univ. Texas, Arlington, Lorenzo BLANCO-GONDÁLEZ, Univ. Autónoma Nuevo León, Monterrey, México, and Timothy FORD, Univ. Texas, El Paso, USA
Discussant: Stein ØSTBYE, Tromsø, Norway

2:15–3:00
**Location patterns and industrial growth in México, 1993–2006**
Jesús A. TREVIÑO C., Univ. Autónoma de Nuevo León, Ardeshir ANJOMANI, Univ. Texas, Arlington, USA, and Aída ESCOBAR, Univ. Autónoma de Nuevo León, Monterrey, México
Discussant: Jaewon LIM, Univ. Arizona, Tucson, USA

3:00–3:30, Coffee Break

3:30–4:15
Alexandra SCHAFFAR and Michel DIMOU, Univ. La Réunion, Saint-Denis, France
Discussant: Ron McCHESNEY, Three Scale Strategy LLC, Columbus, OH, USA

4:15–5:00
**The impact of international trade flows on the growth of Brazilian states**
Marie DAUMAL, Univ. Paris, and Selin OZYURT, Univ. Paris-Dauphine, Paris, France
Discussant: Sara JOHANSSON, Jököping International Business School, Sweden
Monday, 1:30 – 5:45 PM

Paper Session 2F ~ Juniper Suite, Room 1055

Fiscal Issues

Chair: Richard WOBBEKIND, Univ. Colorado, Boulder, USA
1:30–2:15
Direct democracy, term limits, and fiscal decisions in U.S. Municipalities
Colleen DONOVAN, Univ. California, Berkeley, USA
Discussant: Steven G. CRAIG, Univ. Houston, TX, USA
2:15–3:00
Property taxation, education finance reform, and tax base growth
Mark SKIDMORE, Laura REESE, and Sung Hoon KANG, Michigan State Univ., East Lansing, USA
Discussant: Marshall VEST, Univ. Arizona, Tucson, USA
3:00–3:30, Coffee Break
3:30–4:15
Cities and suburbs: Expenditure patterns in the urban fiscal system
Steven G. CRAIG and Janet E. KOHLHASE, Univ. Southern California, Los Angeles, USA
4:15–5:00
A spatially determined production function to model the fiscal impacts of community development
Scott N. LIESKE, Univ. Sunshine Coast, Sippy Downs, QLD, Australia, Donald M. McLEOD and Roger COUPAL, Univ. Wyoming, Laramie, USA
Discussant: Peter GORDON, Univ. Southern California, Los Angeles, USA

5:00–5:45
Managing prosperity: Saskatchewan’s fiscal and economic challenges
Gary TOMPKINS, Univ. Regina, SK, Canada
Discussant: Yu XIAO, Texas A&M Univ., College Station, USA

Monday, 3:30 – 5:00 PM

WRSA Board Meeting ~ Dry Creek Canyon B
(By invitation only)

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

Our Conference Venue:

Hilton Sedona Golf Resort & Spa
90 Ridge Trail Drive
Sedona, Arizona 86351 USA

Phone: (928) 284–4040
Fax: (928) 284–6940

Tuesday, February 23

7:00 – 10:00 AM, Coffee Available (Canyon Foyer)

7:00 AM – 5:45PM, Exhibits and Internet Café Open (Canyon Ballroom B)

7:45 AM – 12:15 PM (and 2:15–5:45 PM), Registration (Canyon Foyer)

8:00 or 8:45 AM – 12:15 PM, Concurrent Sessions:

3A Industry Location, III (Canyon Ballroom A)
3B Housing and Urban Land Use, I (Oak Creek Canyon A)
3C Demographic Studies (Oak Creek Canyon B)
3D Papers in Honor of G. Mulligan, II (Ironwood Suite, 1052)
3E Frontiers in CGE and IO (Oak Suite, Room 1054)
3F Remote Regions, I (Juniper Suite, Room 1055)

9:30 – 10:00 AM, Coffee Break (Canyon Foyer)

12:30 – 2:15 PM, Annual Banquet Luncheon (Tequa Ballroom – across the parking lot from main hotel building)

2:15 – 5:45 PM, Registration (Continues, Canyon Foyer)

2:30 – 5:45 PM, Concurrent Sessions:
4A Remote Regions, II (Canyon Ballroom A)
4B Job Stimulation and the ARRA (Oak Creek Canyon A)
4C Transportation, II (Oak Creek Canyon B)
4D Human Capital (Ironwood Suite, Room 1052)
4E Papers in Honor of Gordon Mulligan, III (Oak Suite, 1054)
4F Spatial Statistical Modeling, I (Juniper Suite, Room 1055)

4:00 – 4:15 PM, Coffee Break (Canyon Foyer)

6:00 – 7:30 PM, President’s Reception (Tequa Ballroom)

Tuesday, 8:00 – 11:30 AM

Paper Session 3A ~ Canyon Ballroom A

Industry Location, III

Chair: Brian P. HOLLY, U.S. Census Bureau, Suitland, MD, USA
8:00–8:45
The non-linear relationship between market potential and business service dynamics
Börje JOHANSSON, Jönköping International Business School and Royal Institute of Technology, Stockholm, and Johan KLAESSON, Jönköping International Business School, Sweden
Discussant: Marie DAUMAL, Univ. Paris, France

9:30–10:00, Coffee Break
10:00–10:45
**Incubation push or business pull? Investigating the geography of U.S. business incubators**
Haifeng QIAN and Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA
Discussant: Johan KLAESSON, Jönköping International Business School, Sweden

10:45–11:30
**Creation of spin-off entrepreneurs: Case of Bilkent Cyberpark**
Neslihan AYDOGAN-DUDA, İzmir Univ. of Economics, Balçova İzmir, and İrge ŞENER, Çankaya University, Balgat, Ankara, Turkey
Discussant: Rafael GARDUÑO-RIVERA, Univ. Illinois, Urbana-Champaign, USA

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**Tuesday, 8:00 AM – 12:15 PM**

**Paper Session 3B ~ Oak Creek Canyon A**
**Housing and Urban Land Use, I**
Chair: Tracy STOBBE, Trinity Western Univ., Langley, BC, Canada

8:00–8:45
**Willingness to pay for sustainable housing**
Svante MANDELL, VTI, and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Jun-Hyung KIM, Seoul National Univ., Korea

8:45–9:30
**The effect of foreclosures on owner-occupied housing prices: Supply or dis-amenity?**
Daniel A. HARTLEY, Univ. California, Berkeley, USA
Discussant: Hanna LARSSON, Jönköping Univ., Sweden

9:30–10:00, Coffee Break

10:00–10:45
**Modeling aggregated new housing supply for the Portland metropolitan area**
Hongwei DONG and John GLIEBE, Portland State Univ., OR, USA
Discussant: Christian L. REDFEARN, Univ. Southern California, Los Angeles, USA

10:45–11:30
**House price impacts of racial, income, education, and age neighborhood spatial concentration**
Andres JAUREGUI, Columbus State Univ., GA, Diane HITE, Auburn Univ., AL, and David M. BRASINGTON, Univ. Cincinnati, OH, USA
Discussant: Lawrence A. BROWN, The Ohio State Univ., Columbus, USA

11:30–12:15
**Cultural landscape characteristics and heritage values: A spatially explicit hedonic approach**
Pia NILSSON, Jönköping International Business School, Sweden
Discussant: Maureen KILKENNY, Univ. Nevada, Reno, USA

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A photo from the Association’s archives...
Past Presidents John Quigley, Roger Stough and Juanita Liu were among the participants enjoying the Annual Banquet Luncheon the last time we met in Arizona – in Rio Rico in 2003.

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**Tuesday, 8:00 – 11:30 AM**

**Paper Session 3C ~ Oak Creek Canyon B**
**Demographic Studies**
Chair: Jack W. OSMAN, San Francisco State Univ., CA, USA

8:00–8:45
**Decomposing the entropy index of racial diversity: In search of two types of variance**
Yiming WANG, Cardiff Univ., Wales
Discussant: Bruce NEWBOLD, McMaster Univ., Hamilton, ON, Canada

8:45–9:30
**Do local public expenditures for functionally impaired crowd out other local public expenditures?**
Lena Catharina BIRKELÖF, Umeå Univ., Sweden
Discussant: ChangKeun LEE, Seoul National Univ., Korea

9:30–10:00, Coffee Break

10:00–10:45
**Voters on the move: The political effectiveness of migration and its effects on state partisan composition**
Jason R. JURJEVICH and David A. PLANE, Univ. Arizona, Tucson, USA
Discussant: Mats JOHANSSON, Royal Institute of Technology, Stockholm, Sweden

10:45–11:30
**The regional distribution of public goods: The case of non-parental child care in Quebec**
L. Michael FARRELL, Univ. Québec, Trois-Rivières, Canada
Discussant: Jack W. OSMAN, San Francisco State Univ., CA, USA

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WRSA Annual Meetings Held in Arizona...

3rd ~ Student Union, Arizona State Univ., Tempe, 1964
16th ~ Doubletree Inn, Tucson, 1977
33rd ~ Westward Look Resort, Tucson, 1994
42nd ~ Rio Rico Resort, Rio Rico, 2003
49th ~ Hilton Sedona, Sedona, 2010
Tuesday, 8:00 – 11:30 AM

Paper Session 3D ~ Ironwood Suite, Room 1052
Papers in Honor of Gordon Mulligan, II
Chair: Ross MacKINNON, Univ. Connecticut, Storrs, USA
8:00–8:45
International immigration and domestic out-migrants: Are domestic migrants moving to new jobs or away from immigrants?
Kamar ALI, Univ. Lethbridge, AB, Canada, Mark D. PARTRIDGE, The Ohio State Univ., Columbus, and Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA
Discussant: Steven DELLER, Univ. Wisconsin, Madison, USA
8:45–9:30
Analyzing student diversity at public universities in the United States: A regional approach
Rachel S. FRANKLIN, Univ. Maryland, College Park, USA
Discussant: Alessandra FAGGIAN, Univ. Southampton, U.K.
9:30–10:00, Coffee Break
10:00–10:45
An exploratory analysis of neighborliness in public and private neighborhoods
Sonya M. GLAVAC, Univ. New England, Armidale, NSW, Australia, and Andrew KIRBY, Arizona State Univ., Glendale, USA
Discussant: Ralph McLAUGHLIN, Univ. Southern Australia, Adelaide
10:45–11:30
The location decisions of U.S. credit unions
Steven DELLER and Reka SUNDARAM-STUKEL, Univ. Wisconsin, Madison, USA
Discussant: Wilner JEANTY, The Ohio State Univ., Columbus, USA

Tuesday, 8:45 AM – 12:15 PM

Paper Session 3E ~ Oak Suite, Room 1054
Frontiers in CGE and IO Modeling
Chair: Harry RICHARDSON, Univ. Southern California, Los Angeles, USA
8:45–9:30
The economic impact of saltwater sportfishing harvest restrictions in Alaska: An empirical analysis of non-resident anglers
Daniel K. LEW, Alaska Fisheries Science Center and Univ. California, Davis, and Chang K. SEUNG, Alaska Fisheries Science Center, Seattle, WA, USA
Discussant: Max MUNDAY, Cardiff Univ., Wales
9:30–10:00, Coffee Break
10:00–10:45
An interregional input-output analysis of the pollution content of trade flows and environmental trade balances
Soo Jung HA, Univ. Strathclyde, Scotland, Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA, Karen TURNER, Univ. Strathclyde, Scotland
Discussant: David HOLLAND, Washington State Univ., Pullman, USA

Tuesday, 8:45 AM – 12:15 PM

Paper Session 3F ~ Juniper Suite, Room 1055
Remote Regions, I
Chair: Douglas N. JONES, The Ohio State Univ., Columbus, USA
8:00–8:45
Sámi entrepreneurship arising from reindeer in the Jokkmokk area of Northern Sweden
Aldene MEIS MASON, Univ. Regina, Leo Paul DANA, Univ. Canterbury, Christchurch, New Zealand, Robert ANDERSON, Univ. Regina, SK, Canada
Discussant: Stephanie MARTIN, Univ. Alaska, Anchorage, USA
8:45–9:30
Indigenous people and the extractive industry in Russia: A case of Eastern Siberia–Pacific Ocean oil pipeline
Natalia YAKOVLEVA, ESRC Research Centre for Business Relationships, Accountability, Sustainability, and Society, UK
Discussant: Douglas N. JONES, The Ohio State Univ., Columbus, USA
9:30–10:00, Coffee Break
10:00–10:45
Importing natural gas to Alaska: Regional realism in the global marketplace
Greg PROTASEL, Univ. Alaska, Anchorage, USA
Discussant: Olle WESTERLUND, Umeå Univ., Sweden
10:45–11:30
The high north in a change: Geopolitical point of view
Lassi HEININEN, Univ. Lapland, Rovaniemi, Finland
Discussant: Lee HUSKEY, Univ. Alaska, Anchorage, USA

This is the 24th 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.

23rd, 2009: Yiming Wang, University of Southern California
22nd, 2008: Haifeng Qian, George Mason University
21st, 2007: Michael Wenz, Winona State University
20th, 2006: Rocco R. Huang, The University of Amsterdam, The Netherlands
19th, 2005: Shaoming Chen, George Mason University
18th, 2004: Sandy Dall’Erba, Université de Pau, France
17th, 2003: Co-winners:

Chokri Dridi, University of Illinois, Urbana-Champaign
Bhanu Yerra, University of Minnesota

16th, 2002: 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

Tuesday, 12:30 – 2:15 PM
Annual Banquet Luncheon
Canyon Ballroom
(For all registered and paid participants; tickets required.)
Chair: David HOLLAND, 50th WRSA President (2009–2010)

Announcements:
David A. PLANE, WRSA Executive Secretary

The 13th Annual Springer Prize

The 24th Charles M. Tiebout Prize
Presented by: Geoffrey J. D. HEWINGS, 48th WRSA President (2007–2008) and Chair, 2009–2010 Reading Committee

Presidential Address: And now for something different: Modelling socio-political landscapes
Robert J. STIMSON, 51st WRSA President (2010–2011)

Discussant:
Kingsley E. HAYNES, 32nd WRSA President (1991–1992)

Tuesday, 2:30 – 5:45 PM
Paper Session 4A ~ Canyon Ballroom A
Remote Regions, II: Migration
Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA
2:30–3:15
Migration and communities: Understanding who stays and why
Stephanie MARTIN, Univ. Alaska, Anchorage, USA
Discussant: Natalia YAKOVLEVA, ERSC Research Centre for Business Relationships, Accountability, Sustainability, and Society, UK

3:15–4:00
Geographical mobility in Sweden: Does the influence of labour market related factors diminish over time?
Olle WESTERLUND, Umeå Univ., and Kent ELIASSON, Umeå Univ. and Swedish Agency for Growth Policy Analysis
Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA

4:00–4:15, Coffee Break

4:15–5:00
Migration and settlement patterns among young people and families in Swedish rural and urban areas
Mats JOHANSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Yiming WANG, Cardiff Univ., Wales

4:45–5:00
The role of market and traditional earnings in determining the pattern of migration in Arctic Alaska
Lee HUSKEY, Univ. Alaska, Anchorage, USA
Discussant: Lassi HEININEN, Univ. Lapland, Rovaniemi, Finland
Tuesday, 2:30 – 5:00 PM

Paper Session 4B ~ Oak Creek Canyon A
Job Stimulation and the American Recovery and Reinvestment Act
Chair: Warren GILL, Simon Fraser Univ., Vancouver, B.C., Canada

2:30–3:15
Comparing EU and US regional growth patterns and policies: Guidance for the Presidential Stimulus Package
Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
Discussant: Mark PARTRIDGE, The Ohio State Univ., Columbus, USA

3:15–4:00
The effects of declining job finding rates on insured unemployment
Jamie R. HAAG, Pacific Univ., Forest Grove, OR, USA
Discussant: Mark SKIDMORE, Michigan State Univ., East Lansing, USA

4:15–5:00
Unemployment with discouraged labor force participation facing economic crisis: Explanatory spatial data analysis among US states
Jaewon LIM, Univ. Arizona, Tucson, USA
Discussant: Douglas N. JONES, The Ohio State Univ., Columbus, USA

Tuesday, 2:30 – 5:45 PM

Paper Session 4C ~ Oak Creek Canyon B
Transportation, II
Chair: Qisheng PAN, Texas Southern Univ., Houston, USA

2:30–3:15
Is public transit investment an effective growth management strategy?
Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA, and Ajay AGARWAL, Queen’s Univ., Kingston, ON, Canada
Discussant: T. John KIM, Univ. Illinois, Urbana-Champaign, USA

3:15–4:00
Economic evolution along dynamic mega corridors: Role of transport investments and structural change in knowledge economy
T.R. LAKSHMANAN, William P. ANDERSON, Y. SONG, and D. LI, Boston Univ., MA, USA, and McMaster Univ., Hamilton, ON, Canada
Discussant: Peter FRIEDRICH, Univ. Tartu, Estonia

4:15–5:00
Corridor location: The Multi-Gateway Model
Maria P. SCAPARRA and Richard L. CHURCH, Univ. California, Santa Barbara, USA
Discussant: Daoqin TONG, Univ. Arizona, Tucson, USA

5:00–5:45
Seat belt use on North Dakota rural roads, 2009
Kimberly VACHAL, Donald MALCHOSE, Mark LOFGREN, Andrea HUSETH, and Laurel BENSON, North Dakota State Univ., Fargo, USA
Discussant: Simon CHOI, Southern California Association of Governments, Los Angeles, USA

Tuesday, 2:30 – 5:00 PM

Paper Session 4D ~ Ironwood Suite, Room 1052
Human Capital
Chair: Hans WESTLUND, Royal Institute, Stockholm, Sweden

2:30–3:15
Regional income distribution and human capital formation
Florian W. BARTHOLOMAE and Alina M. POPESCU-SCHOENBERG, Univ. Bundeswehr Munich, Neubiberg, Germany
Discussant: David M. BRASINGTON, Univ. Cincinnati, OH, USA

3:15–4:00
Exploring the geography of educational segregation in Seoul, Korea
Dong Hyun KIM, Sung Chul CHO, and Up LIM, Yonsei Univ., Seoul, Korea
Discussant: Jason R. JURJEVICH, Univ. Arizona, Tucson, USA

4:15–5:00
Smoke-free laws and employee wages
Nola OGUNRO and Ellen HAHN, Univ. Kentucky, Eric THOMPSON, Univ. Nebraska, Lincoln, and Aaron YELowitz, Univ. Kentucky, Lexington, USA
Discussant: Jack W. OSMAN, San Francisco State Univ., CA, USA

Tuesday, 2:30 – 5:45 PM

Paper Session 4E ~ Oak Suite, Room 1054
Papers in Honor of Gordon Mulligan, III
Chair: Arthur GETIS, San Diego State Univ., CA, USA

2:30–3:15
Measuring spatial dynamics in metropolitan areas
Sergio J. REY, Luc ANSELIN, and David C. FOLCH, Arizona State Univ., Daniel ARRIBAS-BEL, Univ. Zaragoza, Spain, and Myrna L. SASTRÉ-GUTIÉRREZ, Arizona State Univ., Tempe, USA
Discussant: J. Kim SWALES, Univ. Strathclyde, Glasgow, Scotland

3:15–4:00
Analytical methods for error propagation in planar space-time prisms
Tetsuo KOBOYASHIL and Harvey J. MILLER, Univ. Utah, Salt Lake City, USA, and Walied OTHMAN, Hasselt Univ., Diepenbeek, Belgium
Discussant: Alan T. MURRAY, Arizona State Univ., Tempe, USA

4:15–5:00
Exploring movement object patterns
Alan T. MURRAY, Yin LIU, Sergio J. REY, and Luc ANSELIN, Arizona State Univ., Tempe, USA
Discussant: Harvey J. MILLER, Univ. Utah, Salt Lake City, USA
5:00–5:45
Coordination and equilibrium selection in games with positive network effects
Alexander M. JAKOBSEN, Univ. British Columbia, Vancouver, B.C., B. Curtis EATON and David KRAUSE, Univ. Calgary, AB, Canada
Discussant: Jeremiah ALLEN, Univ. Lethbridge, AB, Canada

Tuesday, 2:30 – 5:45 PM
Paper Session 4F ~ Ironwood Suite, Room 1055
Spatial Statistical Modeling, I
Chair: Brian H.S. KIM, Seoul National Univ., Korea
2:30–3:15
Estimating spatially-explicit microdata by using data from small area statistics and public-use microdata: A new method
Nicholas N. NAGLE, Univ. Tennessee, Knoxville, USA, Barbara BUTTENFIELD and Stefan LEYK, Univ. Colorado, Boulder, USA
Discussant: Chang K. SEUNG, National Marine Fisheries, Seattle, WA, USA
3:15–4:00
Sex offenders and residential location: A predictive-analytical framework
Elizabeth A. MACK and Tony H. GRUBESIC, Indiana Univ., Bloomington, USA
Discussant: Douglas WOODWARD, Univ. South Carolina, Columbia, USA

4:00–4:15, Coffee Break

4:15–5:00
Identifying geographical widespread effect of land-use on housing values and population values: Evidence from a spatial GMM analysis
P. Wilner JEANTY, Mark PARTRIDGE, and Elena IRWIN, The Ohio State Univ., Columbus, USA
Discussant: Xinyue YE, Bowling Green State Univ., OH, USA
5:00–5:45
Filtering analysis of geographic movement tables
Waldo TOBLER, Univ. California, Santa Barbara, USA
Discussant: Sergio J. REY, Arizona State Univ., Tempe, USA

WRSA Hosts Giant North American Meetings
November 18–21, 2009, WRSA hosted the 56th North American Meetings of the RSAI at the Grand Hyatt Hotel on Union Square in San Francisco. With 627 registrants, the conference qualified as the second – largest regional science gathering ever held in North America – topped by only the 2008, 55th Meetings in Brooklyn. The final count included 367 North Americans and 260 from other continents. There were 140 student participants.
Serge Rey did a masterful job organizing the Program; Dave Plane was the Arrangements Chair. WRSA Fellow John Quigley served as NARSC’s 2009 President. The S.F. Fed hosted a gracious conference party at the Bank headquarters.

The 51 WRSA Presidents

1st 1960 William Golder
2nd 1961 Morgan D. Thomas
3rd 1962 James N. Tattersall
4th 1963 William S. Peters
5th 1964 John W. Dyckman
6th 1965 Charles M. Tiebout
7th 1966 Fred E. Case
8th 1967 Paul F. Wendt
9th 1968 Harold L. Buma
10th 1969 Bernard Uds
11th 1970 Edward L. Ullman
12th 1971 Anthony H. Pascal
13th 1972 Donald A. Watson
14th 1973 Charles L. Leven
15th 1974 Shelly Mark
16th 1975 Frank G. Michelbach
17th 1976 Martin Beckmann
18th 1977 Parzival Copes
19th 1978 David Seymour
20th 1979 Werner Hirsch
21st 1980 Lee Attaway
22nd 1981 Niles Hansen
23rd 1982 Sol Rabin
24th 1983 Robert Keyes
25th 1984 Nina Gruen
26th 1985 Jack Knetsch
27th 1986 Gunter Schramm
28th 1987 Bernard Malamud
29th 1988 Harry W. Richardson
30th 1989 Paul E. Polzin
31st 1990 Michael J. Greenwood
32nd 1991 Kingsley E. Haynes
33rd 1992 Theodore Lane
34th 1993 Richard L. Morrill
35th 1994 John E. Keith
36th 1995 Antoine S. Bailly
37th 1996 Jon R. Miller
38th 1997 Jack C. Stabler
39th 1998 Lay James Gibson
40th 1999 Arthur Getis
41st 2000 John M. Quigley
42nd 2001 Brenda Moscou
43rd 2002 Roger Stough
44th 2003 Koichi Mera
45th 2004 Juanita Liu
46th 2005 Lee Huskey
47th 2006 Jack W. Osman
48th 2007 Geoffrey J. D. Hewings
49th 2008 T. John Kim
50th 2009 David W. Holland
51st 2010 Robert J. Stimson
Wednesday, February 24

7:00 – 10:00 AM, Coffee Available (Canyon Foyer)

7:00 AM – 5:00 PM, Exhibits and Internet Café Open
(Canyon Ballroom B)

7:45 AM – 12:15 PM, Registration
(Continues, Canyon Foyer)

8:00 AM – 12:15 PM, Concurrent Sessions:
5A Spatial Statistical Modeling, II (Canyon Ballroom A)
5B Migration (Oak Creek Canyon A)
5C Papers in Honor of G. Mulligan, IV (Oak Creek Canyon B)
5D Housing & Urban Land Use, II (Ironwood Suite, 1052)
5E Environmental Sustainability (Oak Suite, Room 1054)

9:30 – 10:00 AM, Coffee Break (Canyon Foyer)

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

1:30 – 5:00 PM, Concurrent Sessions:
6A Environmental Sustainability, II (Canyon Ballroom A)
6B Papers in Honor of G. Mulligan, V (Oak Creek Canyon A)
6C Housing and Urban Land Use, III (Oak Creek Canyon B)
6D Spatial and Statistical Modeling, III (Ironwood Suite, 1052)
6E Labor Markets (Oak Suite, Room 1054)

3:00 – 3:30 PM, Coffee Break (Canyon Foyer)
(5:00 PM, Conference ends)

Wednesday, 8:00 – 11:30 AM

Paper Session 5A ~ Canyon Ballroom A
Spatial Statistical Modeling, II
Chair: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA

8:00–8:45
Inter- vs. intraregional income inequality and voting behavior within federations
Florian W. BARTHOLOMAE and Alina M. POPESCU-SCHOENBERG, Univ. Bundeswehr Munich, Neubiberg, Germany
Discussant: Liz Ileana RODRÍGUEZ-GÁMEZ, Univ. Arizona, Tucson, USA

8:45–9:30
A spatial-dependence continuous-time model for regional unemployment change in Germany
Johan H.L. OUD, Radboud Univ., Nijmegen, Henk FOLMER, Univ. Groningen and Univ. Wageningen, The Netherlands, Robert PATUELLE, Univ. Lugano, Switzerland, and Peter NIJKAMP, Free Univ., Amsterdam, The Netherlands
Discussant: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA

9:30–10:00, Coffee Break

10:00–10:45
Forecasting industry employment for a resource-based economy using Bayesian vector autoregressive models
Chang K. SEUNG, National Marine Fisheries Service, Seattle, WA, USA
Discussant: Nicholas N. NAGLE, Univ. Tennessee Knoxville, USA

10:45–11:30
Spatial-time empirics for economic growth
Xinyue YE and Sergio J. REY, Arizona State Univ., Tempe, USA
Discussant: Henk FOLMER, Univ. Groningen and Univ. Wageningen, The Netherlands

Paper Session 5B ~ Oak Creek Canyon A
Migration
Chair: Up LIM, Yonsei Univ., Korea

8:00–8:45
Spatial socioeconomic mobility in Mexico
Myrna L. SASTRÉ-GUTIÉRREZ and Sergio J. REY, Arizona State Univ., Tempe, USA
Discussant: Abby Shenbaum TRAIN, New Mexico State Univ., Las Cruces, USA

8:45–9:30
The returns to migration type, education, and social networks
Thomas A. KNAPP, Pennsylvania State Univ., Lehman, Nancy E. WHITE and Amy M. WOLAVER, Bucknell, Univ., Lewisburg, PA, USA
Discussant: Mikko MOILANEN, Univ. Tromsø and Northern Research Institute,Tromsø, Norway

9:30–10:00, Coffee Break

10:00–10:45
Migration and the transfer of non-earned income among Canadian seniors
Bruce NEWBOLD, McMaster Univ., Hamilton, ON, Canada
Discussant: Nancy E. WHITE, Bucknell Univ., Lewisburg, PA, USA

10:45–11:30
Urban to rural migration patterns and the creative class: A U.S. county-to-county study
Abby Shenbaum TRAIN, New Mexico State Univ., Las Cruces, USA
Discussant: David A. PLANE, Univ. Arizona, Tucson, USA

Thanks to the 2009 – 2010
Program Committee

David Plane, Chair
Sandy Dall’Erba, Daoqin Tong, and Lauren Fulton,
Co-chairs
Jaewon Lim
John Carruthers
Lee Huskey
Rich Wobbekind
Sylvette Puissant
Lay Gibson
Wednesday, 8:00 – 11:30 AM
Paper Session 5C ~ Oak Creek Canyon B
Papers in Honor of Gordon Mulligan, IV
Chair: Richard M. Morill, Univ. Washington, Seattle, USA
8:00–8:45
Did local land use regulations create the recession of 2007? A theoretical narrative
Ralph McLaughlin, Univ. South Australia, Adelaide
Discussant: Alastair McFarlane, U.S. Department of Housing and Urban Development, Washington, DC, USA
8:45–9:30
The homeownership gap
Andrew Haughwout, Richard Peach, and Joseph Tracy, Federal Reserve Bank of New York, USA
Discussant: Rachel Franklin, Univ. Maryland, College Park, USA
9:30–10:00, Coffee Break
10:00–10:45
Defining urban and rural areas for the 2010 census: Current status of proposed criteria
Christopher J. Henrie and Kevin Hawley, U.S. Census Bureau, Suitland, MD, USA
Discussant: Richard Morill, Univ. Washington, Seattle
10:45–11:30
The American way of land use: A spatial hazard analysis of changes through time
Discussant: Maureen Kilkenney, Univ. Nevada, Reno, USA

Wednesday, 8:00 AM – 12:15 PM
Paper Session 5D ~ Ironwood Suite, Room 1052
Housing and Urban Land Use, II
Chair: Jae-Ik Kim, Keimyung Univ., Daegu, Korea
8:00–8:45
A methodology to compute the regional housing price index using matching estimator methods
Dusan Paredes Araya, Univ. Illinois Urbana-Champaign, USA
Discussant: Mats Wilhelmsson, Royal Institute of Technology, Stockholm, Sweden
8:45–9:30
Do school ratings affect housing prices? The effects of ‘No Child Left Behind’
Joseph C. Von Neessen, Douglas Woodward, and Paulo Guimaraes, Univ. South Carolina, Columbia, USA
Discussant: Pia Nilsson, Jönköping International Business School, Sweden
9:30–10:00, Coffee Break
10:00–10:45
The dynamics of the metropolitan housing prices in the U.S.: Evidence of principal components and panel cointegration
Wei-Choun Yu, Winona State Univ., Winona, MN, and Michael Wenz, Northeastern Illinois Univ., Chicago, USA
Discussant: Michael Carroll, Bowling Green State Univ., KY, USA

Wednesday, 8:00 AM – 12:15 PM
Paper Session 5E ~ Oak Suite, Room 1054
Environmental Sustainability, I
Chair: Euijune Kim, Seoul National Univ., Korea
8:00–8:45
Time dynamics and the introduction of new technologies within IO analysis
Christa D. Jensen and Randall W. Jackson, West Virginia Univ., Morgantown, USA
Discussant: Andrew Blohm, Univ. Maryland, College Park, USA
8:45–9:30
Strategies for carbon dioxide emissions reductions: Residential natural gas efficiency, economic and ancillary health impacts in Maryland
Matthias Ruth, Andrew Blohm, and Steven A. Gabriel, Univ. Maryland, Benjamin F. Hobbs, Johns Hopkins Univ., Darius Irani, Towson Univ., Yihsu Chen, Univ. California, Merced, Joanna Mauer, Univ. Maryland, College Park, and Vijay G. Kesana, Johns Hopkins Univ., Baltimore, MD, USA
Discussant: Christa D. Jensen, West Virginia Univ., Morgantown, USA
9:30–10:00, Coffee Break
10:00–10:45
Assessing local refinery profitability and rising world oil prices
Makena Coffman, Univ. Hawaii, Manoa, USA
Discussant: Hodjat Ghadimi, West Virginia Univ., Morgantown, USA
10:45–11:30
ArborCycles: Forecasting a growing renewable resource
Ron McChesney, Three Scale Strategy LLC, Columbus, OH, and Samantha Ferro, Orlando, FL, USA
Discussant: Eric Thor, Arizona State Univ. Tempe, USA
11:30–12:15
Urban form and greenhouse emissions
Simon Choi and Sung Su Youn, Southern California Association of Governments, Los Angeles, USA
Discussant: Ronald J. Gunderson, Northern Arizona Univ., Flagstaff, USA

Wednesday, 12:15 – 1:30 PM
Lunch Break (On your own this day)
Wednesday, 1:30 – 5:00 PM

**Paper Session 6A ~ Canyon Ballroom A
Environmental Sustainability, II**
Chair: Henk FOLMER, Univ. Groningen and Univ. Wageningen, The Netherlands

1:30–2:15
**Sustainable economic development in energy rich economies: A regional approach**
Hodjat GHADIMI, West Virginia Univ., Morgantown, USA
Discussant: Soo Jung HA, Univ. Strathclyde, Scotland

2:15–3:00
**Who creates waste? Different perspectives on waste attribution in a regional economy**
Christa D. JENSEN, West Virginia Univ., Morgantown, USA, Stuart McINTYRE, Univ. Strathclyde, Max MUNDAY, Cardiff Univ., Wales, and Karen TURNER, Univ. Strathclyde, Glasgow, Scotland
Discussant: Matthias RUTH, Univ. Maryland, College Park, USA

3:00–3:30, Coffee Break

3:30–4:15
**Envisioning a sustainable Maryland: Comparing alternative development scenarios considering energy consumption and water quality**
Andrew BLOHM, Univ. Maryland, Nikhil KAZA, Univ. North Carolina, Chapel Hill, Jason BECKER, Matthias RUTH, and Gerrit KNAPP, Univ. Maryland, College Park, and Glenn MOGLEN, Virginia Technical Univ., Falls Church, USA
Discussant: Randall JACKSON, West Virginia Univ., Morgantown, USA

4:15–5:00
**Capital structures matrix: A model for public access to project interpretation**
Alexandria M. FRAWLEY, Coconino College, and Ronald J. GUNDESON, Northern Arizona Univ., Flagstaff, USA
Discussant: Makena COFFMAN, Univ. Hawaii, Manoa, USA

Wednesday, 1:30 – 5:00 PM

**Paper Session 6B ~ Oak Creek Canyon B
Papers in Honor of Gordon Mulligan, V**
Chair: Sungyop KIM, Univ. Missouri, Kansas City, USA

1:30–2:15
**Rural roads versus African famines**
Marie-Françoise CALMETTE, Univ. Toulouse, France, and Maureen KILKENNY, Univ. Nevada, Reno, USA
Discussant: Robert STIMSON, Univ. Queensland, Brisbane, Australia

2:15–3:00
**Integrating the fragmented regional and sub-regional socio-economic forecasting: A spatial regional econometric input-output framework**
Jae Hong KIM and Geoffrey J. D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
Discussant: Sergio J. REY, Arizona State Univ., Tempe, USA

3:30–4:15
**The export base model with a supply-side stimulus to the export sector**
Soo Jung HA and J. Kim SWALES, Univ. Strathclyde, Glasgow, Scotland
Discussant: Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA

4:15–5:00
**The nature of spatial effects: A paper in honor of Gordon Mulligan**
Arthur GETIS, San Diego State Univ., CA, USA
Discussant: Sonya M. GLAVAC, Univ. New England, Armidale, NSW, Australia

Wednesday, 1:30 – 5:00 PM

**Paper Session 6C ~ Oak Creek Canyon B
Housing and Urban Land Use, III**
Chair: Sungyop KIM, Univ. Missouri, Kansas City, USA

1:30–2:15
**Forecasting housing prices with Google econometrics: A demand oriented approach**
Rajendra KULKARNI, Kingsley E. HAYNES, Roger STOUGH, and J. H. P. PAELEINCK, George Mason Univ., Fairfax, VA, USA
Discussant: Dusan PAREDES ARAYA, Univ. Illinois, Urbana-Champaign, USA

2:15–3:00
**The impact of crime on apartment prices: Evidence of Stockholm, Sweden**
Vania CECCATO and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Daniel HARTLEY, Univ. California, Berkeley, USA

3:00–3:30, Coffee Break

3:30–4:15
**Housing policy in geographic context: The American dream writ local**
Lawrence A. BROWN and Michael WEBB, The Ohio State Univ., Columbus, USA
Discussant: Svante MANDELL, VTI, Stockholm, Sweden

4:15–5:00
**The effect of urban containment policy on urban development pattern: The case of Daegu metropolitan areas, Korea**
Jae Ik KIM, Keimyung Univ., Daegu, and Chang-Hwan YEO, Daegu Univ., Korea
Discussant: Phil RUDER, Pacific Univ., Forest Grove, OR, USA
Wednesday, 1:30 – 5:00 PM

Paper Session 6D ~ Ironwood Suite, Room 1052
Spatial Statistical Modeling, III
Chair: Paul POLZIN, Univ. Montana, Missoula, USA

1:30–2:15
Liz Ileana RODRÍGUEZ-GÁMEZ and Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
Discussant: Elizabeth A. MACK, Indiana Univ., Bloomington, USA

2:15–3:00
All polycentricity is local: The spatial organization of employment and population in Barcelona and Los Angeles
Miquel-Àngel GARCÍA-LÓPEZ, Univ. Autònoma de Barcelona, Spain, and Christian L. REDFEARN, Univ. Southern California, Los Angeles, USA
Discussant: Elizabeth A. MACK, Indiana Univ., Bloomington, USA

3:00–3:30, Coffee Break

3:30–4:15
Exploratory space-time analysis of local economic development: Communities at risk
Michael C. CARROLL and Xinyue YE, Bowling Green State Univ., OH, USA
Discussant: Lee MOBLEY, RTI International, Research Triangle Park, NC, USA

4:15–5:00
Managed care spillovers and the diffusion of endoscopic colorectal cancer screening technology in U.S. FSS Medicare markets
Lee MOBLEY, RTI International, Research Triangle Park, NC, and Luc ANSELMN, Arizona State Univ., Tempe, USA
Discussant: Stefania LIONETTI, Univ. Lugano, Switzerland

Notes on WRSA Session Format and Etiquette

• Per WRSA custom, each paper is allocated 45 minutes of Program time, inclusive of discussion.
• Authors should plan on presentations of approximately 25–30 minutes.
• Discussants should prepare about 5–10 minutes of remarks, allowing at least 10 minutes for questions from, and open discussion with, session attendees.
• Participants: Please arrive at your session 10 minutes early to make A/V preparations (i.e., load presentations onto a laptop).
• At least one of the participants needs to bring a laptop for use by presenters in the session.
• Chairs: Please do not change the order of presentations listed in the program, and please adhere to the scheduled times.
• As a courtesy to other presenters, all participants are asked to stay for the entire session.

Wednesday, 1:30 – 4:15 PM

Paper Session 6E ~ Oak Suite, Room 1054
Labor Markets
Chair: Aidan VINING, Simon Fraser Univ., Vancouver, BC, Canada

1:30–2:15
No place like home? A study on the returns to staying among young adults
Mikko MOILANEN, Univ. Tromsø and Northern Research Institute, Tromsø, Norway
Discussant: Thomas A. KNAPP, Pennsylvania State Univ., Lehman, USA

2:15–3:00
Wage inequality among Chinese provinces, 1990–2007
Florence BOUVET, Sonoma State Univ., Rohnert Park, and Alyson C. MA, Univ. San Diego, CA, USA
Discussant: Florian W. BARTHOLOMAE, Univ. Bundeswehr Munich, Neubiberg, Germany

3:00–3:30, Coffee Break

3:30–4:15
Four migration catastrophes
Jeremiah ALLEN, Univ. Lethbridge, AB, Canada
Discussant: Jamie R. HAAG, Pacific Univ., Forest Grove, OR, USA

(5:00 PM, Conferences ends)
When and Where Was Your First WRSA Meeting?

<table>
<thead>
<tr>
<th>Year</th>
<th>Location and Details</th>
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<tbody>
<tr>
<td>49th 2010</td>
<td>Hilton Sedona, Sedona, AZ</td>
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<tr>
<td>48th 2009</td>
<td>Silverado Resort, Napa, CA</td>
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<tr>
<td>47th 2008</td>
<td>Hilton Waikoloa Village Resort, Hawaii, HI</td>
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<td>46th 2007</td>
<td>Hyatt Regency, Newport Beach, CA</td>
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<td>45th 2006</td>
<td>La Fonda, Santa Fe, NM</td>
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<td>44th 2005</td>
<td>Hyatt Regency Islandia, San Diego, CA</td>
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<td>43rd 2004</td>
<td>Marriott Wailea Resort, Maui, HI</td>
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<td>42nd 2003</td>
<td>Rio Rico Resort, Rio Rico, AZ</td>
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<td>41st 2002</td>
<td>Hyatt Regency Monterey, Monterey, CA</td>
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<td>40th 2001</td>
<td>Riviera Resort &amp; Racquet Club, Palm Springs, CA</td>
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<td>39th 2000</td>
<td>Sheraton Kauai Resort, Poipu, HI</td>
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<td>38th 1999</td>
<td>Ojai Valley Inn, Ojai, CA</td>
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<td>37th 1998</td>
<td>Hyatt-Regency Monterey, Monterey, CA</td>
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<td>36th 1997</td>
<td>Royal Waikoloa Resort, Waikoloa, Hawaii, HI</td>
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<td>35th 1996</td>
<td>Silverado Country Club and Resort, Napa, CA</td>
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<td>34th 1995</td>
<td>San Diego Princess Resort, San Diego, CA</td>
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<td>33rd 1994</td>
<td>Westward Look Resort, Tucson, AZ</td>
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<td>32nd 1993</td>
<td>Maui Inter-Continental Resort, Wailea, Maui, HI</td>
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<td>31st 1992</td>
<td>Caesar's Tahoe Resort, South Lake Tahoe, NV</td>
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<td>30th 1991</td>
<td>Monterey Plaza Hotel, Monterey, CA</td>
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<td>29th 1990</td>
<td>Kahuokai Hotel, Molokai, HI</td>
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<td>28th 1989</td>
<td>San Diego Princess Resort, San Diego, CA</td>
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<td>27th 1988</td>
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<td>26th 1987</td>
<td>Kona Surf Resort, Keauhau, Hawaii, HI</td>
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<td>25th 1986</td>
<td>Surf and Sand Hotel, Laguna Beach, CA</td>
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<td>24th 1985</td>
<td>Hotel Del Coronado, Coronado (San Diego), CA</td>
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<td>23rd 1984</td>
<td>Casa Munras Hotel, Monterey, CA</td>
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<td>22nd 1983</td>
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<td>21st 1982</td>
<td>Miramar Hotel, Santa Barbara, CA</td>
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<td>19th 1980</td>
<td>Doubltree Inn, Monterey, CA</td>
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<td>18th 1979</td>
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<td>17th 1978</td>
<td>Mansion Inn, Sacramento, CA</td>
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<td>16th 1977</td>
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<td>14th 1975</td>
<td>The Riviera Hotel, Palm Springs, CA</td>
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<td>13th 1974</td>
<td>Edgewater Hyatt House, Long Beach, CA</td>
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<td>12th 1973</td>
<td>Del Monte Hyatt House, Monterey, CA</td>
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<td>11th 1972</td>
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<td>10th 1971</td>
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<td>8th 1969</td>
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<td>7th 1968</td>
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<td>6th 1967</td>
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<td>5th 1966</td>
<td>Santa Barbara Inn, Santa Barbara, CA</td>
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<td>3rd 1964</td>
<td>Student Union, Arizona State Univ., Tempe, AZ</td>
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<td>2nd 1963</td>
<td>Student Union, Univ. Oregon, Eugene, OR</td>
</tr>
<tr>
<td>1st 1962</td>
<td>Univ. California, Berkeley, Berkeley, CA</td>
</tr>
</tbody>
</table>

Western Regional Science Association
Board and Officers

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WRSA’s Executive Assistant

Lauren Fulton
Program Participant Locator

Session assignments are listed following each participant’s name:

1A, 1B, 1C, 1D, 1E, 1F on Monday morning
2A, 2B, 2C, 2D, 2E, 2F on Monday afternoon
3A, 3B, 3C, 3D, 3E, 3F on Tuesday morning
4A, 4B, 4C, 4D, 4E, 4F on Tuesday afternoon
5A, 5B, 5C, 5D, 5E on Wednesday morning
6A, 6B, 6C, 6D, 6E on Wednesday afternoon

OS = Opening Session on Sunday afternoon
WB = WRSA Board Meeting on Monday afternoon
AB = Annual Banquet Luncheon on Tuesday

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

**Boldface** indicates a Session Chair
*Italic* indicates a Discussant.

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WRSA 49th Annual Meeting
Locations of Conference Events

And Next Year...

Our Golden Anniversary Conference ~ Monterey Plaza Hotel
Monterey, California ~ February 27 – March 2, 2011

Get working on a new paper, because next year’s WRSA Annual Meeting is one you won’t want to miss! Our 50th Anniversary conference will be held at the exquisite Monterey Plaza Hotel (Site of our 30th Annual Meeting in 1991) on Cannery Row in Monterey, California.

A number of special events are being planned to launch WRSA’s next 50 years and to remember and savor our first half century of scholarly exchange and warm winter collegiality. The conference will open on Sunday, February 27, with Registration, an Opening Session and the Welcoming Reception, followed by three full days of papers – Monday, Tuesday, and Wednesday, February 28, March 1, and March 2.

October 15 is, as usual, the paper submission deadline. Encourage friends and colleagues – longtime WRSA goers and first-timers – to attend this very special 50th Annual Meeting.