Cheers!

Welcome to the Napa Valley, to the Silverado Resort, and to WRSA’s 48th 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 17–20, should help you find when and where you and others are scheduled.

The room listing and map on Page 20 should help you find conference events. The box at the bottom Page 5 contains important information about how the sessions should be conducted.

This year’s Annual Meeting includes a number of special features. The Meeting will formally open with a plenary session (about the Napa Valley) at 4:00 PM on Sunday, in the Silverado Ballroom.

The traditional Welcoming Reception—this year featuring a wine-tasting—will immediately follow. In addition to tasting the wines, all registrants and those for whom a Banquet and Receptions ticket packet have been purchased may use the included ticket for a full drink from the bar. Beverages will, in addition, be available on a cash-bar basis. All accompanying persons are very much welcome to attend the Opening Session and Welcoming Reception!

The Annual Banquet Luncheon is on Tuesday at 12:30 PM in the Silverado Ballroom. Please bring your ticket to be seated. Accompanying persons who are not paid registrants must have purchased tickets to attend this event.

On Tuesday evening, beginning at 6:00 PM, David Holland will host the annual President’s Reception. Everyone is welcome at this social function! Use the last of the tickets in your packet for a first drink. There will some free hors d’oeuvres (thanks to Dave and WSU!) and a cash bar for additional beverages.

Best wishes for a productive and stimulating conference, a restful stay at the Silverado Resort, and a memorable visit to the Napa Valley.
Monday, February 23

7:30 AM–12:15 PM (and 1:15–5:45 PM)

Registration (Silverado East Foyer)

8:00 AM–12:15 PM

Seven Concurrent Sessions:
1A Evolving Population Distributions (Domaine Chandon)
1B Spatial Analysis (Beringer)
1C Regional Disparity and Development (Chappellet)
1D Housing and Real Estate, I (Trefethen)
1E Labor Markets, I (Martini)
1F Urban Transportation (Sutter Home)
1G Western States Economic Outlook, I (Buena Vista)

8:00 AM–12:15 PM

NE-1029 Business Meeting (Royal Oak)

9:30–10:00 AM

Coffee Break (Fairway Deck)

12:15–1:30 PM

Lunch Break (On your own this day)

12:15–1:30 PM

Annals of Regional Science, Editorial Board Meeting (By invitation only; Beaulieu)

1:15–5:45 PM

Registration continues (Silverado East Foyer)

1:30–5:45 PM

Seven Concurrent Sessions:
2A Transportation and Connectivity (Domaine Chandon)
2B Western States Economic Outlook, II (Beringer)
2C Housing and Real Estate, II (Chappellet)
2D Industrial Location (Trefethen)
2E Impact Analysis (Martini)
2F Human Capital and Innovation (Sutter Home)
2G Urban Settlement System Structuration (Buena Vista)

3:00–3:30 PM

Coffee Break (Fairway Deck)

4:00–5:30 PM

WRSA Board Meeting (By invitation only; Royal Oak)

8:45–9:30

The urban hierarchy and domestic migration: The interaction of internal migration, disposable income and the cost of living, Sweden 1993–2002
Martin KORPI, Stockholm School of Economics and Institute for Future Studies, Sweden, William A.V. CLARK, Univ. California, Los Angeles, USA, and Bo MALMBERG, Univ. Stockholm, SWEDEN

Discussant: Ying PAN, Louisiana State Univ., Baton Rouge, USA
9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45

Illuminating the structure of urban expansion in North China
Mark HENDerson, Mills College, Oakland, CA, USA

Discussant: Christopher J. HENRIE, U.S. Census Bureau, Washington, DC
10:45–11:30

Is there a hidden potential for rural population growth in Sweden?
Thomas NIEDOMYSL and Jan AMCOFF, Institute for Future Studies, Stockholm, Sweden

Discussant: Rachel S. FRANKLIN, Association of American Geographers, Washington, DC, USA

Friday, 8:00 – 11:30 AM (Chandon)

Paper Session 1A ~ International Perspectives on Evolving Population Distributions
Chair: Michael J. GREENWOOD, Univ. Colorado, Boulder, USA
8:00–8:45

Migration up and down Canada’s urban hierarchy
K. Bruce NEWBOLD, McMaster Univ., Hamilton, ON, Canada

Discussant: Jaewon LIM, Univ. Arizona, Tucson, USA

Effect of irregular topography in spherical self-organizing maps
Charles R. SCHMIDT, Sergio J. REY, Arizona State Univ., Tempe, and André SKUPIN, San Diego State Univ., CA, USA

Discussant: Lee R. MOBLEY, Research Triangle Institute International, Raleigh, NC, USA
10:45–11:30

Dynamic manipulation of spatial weights using web services
Sergio J. REY, Luc ANSELIN, and Myunghwa HWANG, Arizona State Univ., Tempe, USA

Discussant: Jiyoung PARK, Univ. Southern California, Los Angeles, USA
Monday, 8:00 AM – 12:15 PM (Chappellet)

Paper Session 1C ~ Regional Disparity and Development

Chair: Karen TURNER, Univ. Strathclyde, Scotland

8:00–8:45
Knowledge spillovers in spatial equilibrium
Stein ØSTBYE, Univ. Tromsø, Norway
Discussant: Neil REID, Univ. Toledo, OH, USA
8:45–9:30
Economic structure and regional disparity in China: Beyond the Kuznets transition
Huaqun LI and Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA
Discussant: Sara JOHANSSON, Jönköping Univ., Sweden

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
Regional disparities in Canada... Which regional disparities?
Pierre-Marcel DESJARDINS, Univ. Moncton, NB, Canada
Discussant: Martin GOSSAS, Institute for Future Studies, Stockholm, Sweden
10:45–11:30
Convergence process in Indonesia’s East Java cities and its relation with regional development policy
Andi IRAWAN, Univ. Illinois, Urbana-Champaign, USA
Discussant: Maribel ELIAS, Arizona State Univ., Tempe, USA
11:30–12:15
Persistent R&D and regional milieu: What is the impact on productivity, wages, and profit?
Börje JOHANSSON, Jönköping Univ., and Hans LÖÖF, Royal Institute of Technology, Stockholm, Sweden
Discussant: Michael CARROLL, Bowling Green State Univ., OH, USA

Monday, 8:00 AM – 12:15 PM (Trefethen)

Paper Session 1D ~ Housing and Real Estate, I

Chair: Nina J. GRUEN, Gruen Gruen + Associates, San Francisco, USA

8:00–8:45
Impact of changes of floor area ratio on housing price
In Hye CHOI, Yonsei Univ., Ha Seung SONG, Korea Research Institute for Human Settlements, and Kabsung KIM, Yonsei Univ., Seoul, Korea
Discussant: Ralph McLAUGHLIN, Univ. California, Irvine, USA
8:45–9:30
Expert opinion versus transaction evidence: Using the Reilly Index to measure open space premiums in the urban-rural fringe
Geerte COTTELEER, Wageningen Univ., The Netherlands, Tracy STOBBE, Trinity Western Univ., Langley, BC, and G. Cornelis van KOOTEN, Univ. Victoria, BC, Canada
Discussant: Philip J. RUDER, Pacific Univ., Forest Grove, OR, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
A residential choice model of social prejudice
Seungskik SHIN, Saheum HONG, and Kabsung KIM, Yonsei Univ., Seoul, Korea
Discussant: David M. BRASINGTON, Univ. Cincinnati, OH, USA
10:45–11:30
Doing well by doing good? Green office buildings
Piet EICHHOLTZ, Nils KOK, Maastricht Univ., Netherlands, and John M. QUIGLEY, Univ. California, Berkeley, USA
Discussant: Nancy LOZANO-GRACIA, Arizona State Univ., Tempe, USA
11:30–12:15
The effect of air quality improvement on apartment price in Seoul: Application of a spatial hedonic price model
Kichan NAM, Jiwan SON, Brian H.S. KIM, and Up LIM, Yonsei Univ., Seoul, Korea
Discussant: Yukiko SHIMIZU, Tokyo Institute of Technology, Japan

Monday, 8:00 AM – 12:15 PM (Martini)

Paper Session 1E ~ Labor Markets, I

Chair: Timothy SLAPER, Indiana Univ., Bloomington, USA

8:00–8:45
Local labor market endowments, new business characteristics, and performance
Mark DOMS, Federal Reserve Bank of San Francisco, CA, Ethan LEWIS, Dartmouth College, Hanover, NH, and Alicia ROBB, Univ. California, Santa Cruz, USA
Discussant: Harvey A. GOLDSTEIN, MODUL Univ., Vienna, Austria
8:45–9:30
An agent-based computational approach to explaining persistent spatial unemployment disparities
David P. McARTHUR and Inge THORSEN, Stord/Haugesund Univ., and Jan UBØE, Norwegian School of Economics and Business Administration, Bergen
Discussant: Timothy SLAPER, Indiana Univ., Bloomington, USA
9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
The Beveridge Curve in Europe: New evidence using national and regional data
Florence BOUVET, Sonoma State Univ., Rohnert Park, CA, USA
Discussant: Michael OLSSON, Univ. Skövde, Sweden
10:45–11:30
Cyclical unemployment and state labor market flows
Jamie R. HAAG, Pacific Univ., Forest Grove, OR, USA
Discussant: Tatsuyoshi MIYAKOSHI, Osaka Univ., Japan
11:30–12:15
Predicting housing prices at alternative locations and in alternative scenarios of the spatial job distribution
Liv OSLAND and Inge THORSEN, Stord/Haugesund Univ., Norway
Discussant: Woohyung LEE, Kyushu Institute of Technology, Japan

Monday Morning Program continues on Page 4...
Monday, 8:00 – 11:30 AM (Sutter Home)

Paper Session 1F ~ Urban Transportation
Chair: T. John KIM, Univ. Illinois, Urbana-Champaign, USA
8:00–8:45
Can the Puget Sound’s "Regional Centers" strategy change travel behavior?
C.-H. Christine BAE and Alon BASSOK, Univ. Washington, Seattle, USA
  Discussant: T.R. LAKSHMANAN, Boston Univ., USA
8:45–9:30
Network accessibility and the evolution of urban employment
Genevieve GIULIANO, Christian REDFEARN, Ajay AGARWAL, and Sylvia HE, Univ. Southern California, Los Angeles, USA
  Discussant: Brian H.S. KIM, Yonsei Univ., Seoul, Korea
9:30–10:00, Coffee Break (Fairway Deck)
10:00–10:45
Can "live near your work" work where we live? Evaluating urban growth management policies in a general equilibrium model of land use and transportation
Elena SAFIROVA, Conrad COLEMAN, Sébastien HOUDE, and Winston HARRINGTON, Resources for the Future, Washington, DC, USA
  Discussant: Eric J. HEIKKILA, Univ. Southern California, Los Angeles, USA
10:45–11:30
Stakeholder role in intermodal transport studies
Lata CHATTERJEE, Boston Univ., MA, USA
  Discussant: David E. PITFIELD, Loughborough Univ., UK

Monday, 8:00 AM – 12:15 PM (Buena Vista)

Paper Session 1G ~ Western States Economic Outlook, I
(Cosponsored by AUBER)
Chair: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA
Arizona
Timothy D. HOGAN, Arizona State Univ., Tempe, USA
Northern California
Jeffrey MICHAEL, Univ. of the Pacific, Stockton, CA, USA
  9:30–10:00, Coffee Break (Fairway Deck)
Southern California
Esmael ADIBI, Chapman Univ., Orange, CA, USA
Colorado
Richard WOBBEKIND, Univ. Colorado, Boulder, USA
Montana
Paul POLZIN, Univ. Montana, Missoula, USA

Monday, 8:00 AM – 12:15 PM (Royal Oak)

NE-1029 ~ Business Meeting
Convenor:
Alison F. DAVIS, Univ. Kentucky, Lexington, USA

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

Monday, 1:30 – 5:45 PM (Chandon)

Paper Session 2A ~ Transportation and Interregional Connectivity
Chair: Elena SAFIROVA, Resources for the Future, Washington DC, USA
1:30–2:15
The potential transformation and consequences of transport infrastructure
T.R. LAKSHMANAN, Boston Univ., MA, USA
  Discussant: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA
2:15–3:00
The assessment of the EU-U.S. Open Skies Agreement: The counterfactual and other difficulties
David E. PITFIELD, Loughborough Univ., UK
  Discussant: Kingsley E. HAYNES, George Mason Univ., USA
3:00–3:30, Coffee Break (Fairway Deck)
3:30–4:15
The evolution of the Western grain handling and transportation system in Canada
James NOLAN and Leigh ANDERSON, Univ. Saskatchewan, Saskatoon, and Derek BREWIN, Univ. Manitoba, Winnipeg, Canada
  Discussant: Kimberly VACHAL, North Dakota State Univ., Fargo, USA
4:15–5:00
Transportation difficulties in the older population: An assessment of characteristics linked to ageing society’s transportation limitations
Sungyop KIM, Univ. Missouri, Kansas City, USA
  Discussant: Ajay AGARWAL, Univ. Southern California, Los Angeles, USA
5:00–5:45
From cyber to space: A new technique for measuring virtual activity across North American cities
Jean-François FRENETTE, Univ. Québec, Canada
  Discussant: Kenneth E. COREY, Michigan State Univ., East Lansing, USA

Monday, 1:30 – 3:00 PM (Beringer)

Paper Session 2B ~ Western States Economic Outlook, II
(Cosponsored by AUBER)
Chair: Timothy D. HOGAN, Arizona State Univ., Tempe, USA
Nevada
R. Keith SCHWER, Univ. Nevada, Las Vegas, USA
Washington
Pete PARCELLS, Whitman College, Walla Walla, WA, USA
Monday, 1:30 – 5:00 PM (Chappellet)

**Paper Session 2C ~ Housing and Real Estate, II**

**Chair:** Tracy STOBBE, Trinity Western Univ., Langley, BC, Canada

**1:30–2:15**

*An analysis of optimal contract length in the rental housing market: The case of heterogeneous tenants*

Yukiko SHIMIZU and Noboru HIDANO, Tokyo Institute of Technology, Japan

**Discussant:** In Hye CHOI, Yonsei Univ., Seoul, Korea

**2:15–3:00**

*Parents, peers, or school inputs: Which components of school outcomes are capitalized into house value?*

David M. BRASINGTON, Univ. Cincinnati, OH, and Donald R. HUARIN, Ohio State Univ., Columbus, USA

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

**3:00–3:30**, Coffee Break (Fairway Deck)

**3:30–4:15**

*Housing, social capital and community development in Korea*

Seong-Kyu HA, Chung-Ang Univ., and Jong-Nyoo SEO, Yonsei Univ., Seoul, Korea

**Discussant:** Nina J. GRUEN, Gruen Gruen + Associates, San Francisco, USA

**4:15–5:00**

*Population vulnerability in a contemporary setting: Housing foreclosure in Columbus, Ohio, 2003–2007*

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

**Discussant:** Daniel WIBERG, Jönköping International Business School, Sweden

**Monday, 1:30 – 5:00 PM (Martini)**

**Paper Session 2E ~ Impact Analysis**

**Chair:** Denise E. KONAN, Univ. Hawaii, Manoa, USA

**1:30–2:15**

*The regional impacts of increasing U.S. domestic oil and gas production*

Christa D. JENSEN and Randall W. JACKSON, West Virginia Univ., and Lisa PHARES, National Energy Technology Laboratory, Morgantown, WV, USA

**Discussant:** Qisheng PAN, Texas Southern Univ., Houston, USA

**2:15–3:00**

*The impact on employment and wages due to stadium construction*

Chiung-Hsia (Doris) WANG, Colorado State Univ., Ft. Collins, USA

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

**3:00–3:30**, Coffee Break (Fairway Deck)

**3:30–4:15**

*Local economic impacts of natural disasters: An intervention analysis with quasi-experimental designs*

Yu XIAO, Texas A&M Univ., College Station, USA

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

**4:15–5:00**

*Estimate the economic losses of Hurricane Ike in the Greater Houston Region*

Qisheng PAN, Texas Southern Univ., Houston, USA

**Discussant:** Man-Keun KIM, Univ. Nevada, Reno

Monday Afternoon Program continues on Page 6...

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**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 the presenters, all participants are asked to stay for the entire session.
Monday, 1:30 – 5:00 PM (Sutter Home)

Paper Session 2F ~ Human Capital and Innovation
Chair: Douglass E. MORRIS, Univ. New Hampshire, Durham, USA

1:30–2:15
In search of New England employment opportunities for retirees
Douglas MORRIS and Lyndon GOODRIDGE, Univ. New Hampshire, Durham, USA
Discussant: Inge THORSEN, Stord/Haugesund Univ., Norway

2:15–3:00
Social diversity and regional integration: Evidence from China
Haifeng QIAN, Roger STOUGH, and Junyang YUAN, George Mason Univ., Fairfax, VA, USA
Discussant: Florence BOUVET, Sonoma State Univ., Rohnert Park, CA, USA

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15
Developing an index for innovation: A county level approach
Timothy F. SLAPER and Nicholas HART, Indiana Univ., Bloomington, USA
Discussant: Mark DOMS, Federal Reserve Bank of San Francisco, USA

4:15–5:00
Talent mobility: Toward the understanding of factors, institutions, and policy models for talent attraction
Ramziya SHAKIROVA, George Mason Univ., Fairfax, VA, USA
Discussant: Claude GRUEN, Gruen Gruen + Associates, San Francisco, USA

Monday, 1:30 – 5:00 PM (Buena Vista)

Paper Session 2G ~ Urban Settlement System Structuration
Chair: Michel DIMOU, Univ. Reunion, France

1:30–2:15
Defining urban areas: Issues and considerations for the 2010 census and beyond
Christopher J. HENRIE and Kevin HAWLEY, U.S. Census Bureau, Washington, DC, USA
Discussant: Richard L. MERRILL, Univ. Washington, Seattle, USA

2:15–3:00
Exploring the dual dichotomy within urban geography: An application of fuzzy urban sets
Eric J. HEIKIKILA and Yiming WANG, Univ. Southern California, Los Angeles, USA
Discussant: Mark HENDERSON, Mills College, Oakland, CA, USA

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15
Armed conflicts and the prevailing rank-size patterns in 28 African states
Abukar WARSAME and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Ron McCHESNEY, Independent Geographer, Upper Arlington, OH, USA

4:15–5:00
Alexandra SCHAFFER and Michel DIMOU, Univ. Reunion, France
Discussant: Michael J. KEANE, National Univ. Ireland, Galway

Monday, 4:00 – 5:30 PM (Royal Oak)

WRSA Board Meeting
(By Invitation Only)

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

Tuesday, February 24

7:45 AM–12:15 PM (and 2:15–5:45 PM)
Registration (Silverado East Foyer)

8:00 or 8:45 AM–12:15 PM
Seven Concurrent Sessions:
3A Public Finance and Governance (Domaine Chandon)
3B Labor Markets, II (Beringer)
3C Wind and Water (Chappellet)
3D NE-1029 / WRSA Joint Session, I (Trefethen)
3E Regional Modeling, I (Martini)
3F Urban Structure (Sutter Home)
3G Remote Regions I (Buena Vista)

9:30–10:00 AM
Coffee Break (Fairway Deck)

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

2:15–5:45 PM
Registration continues (Silverado East Foyer)

1:30–5:45 PM
Seven Concurrent Sessions:
4A Entrepreneurship in Aging Societies (Chandon)
4B NE-1029 / WRSA Joint Session, II (Beringer)
4C Regional Modeling, II (Chappellet)
4D Environmental Impacts, I (Trefethen)
4E Public Finance and Governance, II (Martini)
4F Demographic Analysis, I (Sutter Home)
4G Regional Economic Development, I (Buena Vista)

4:00–4:15 PM
Coffee Break (Fairway Deck)

6:00–7:30 PM
President’s Reception (Fairway Deck)
2009 Program

Tuesday, 8:45 AM – 12:15 PM (Chandon)

Paper Session 3A ~ Public Finance and Governance, I
Chair: Claude GRUEN, Gruen + Associates, San Francisco, USA

8:45–9:30
Looking for the benefits principle in the business tax structures of the Western States
Timothy D. HOGAN, Arizona State Univ., Tempe, and R. Keith SCHWER, Univ. Nevada, Las Vegas, USA
Discussant: Terry CLOWER, Univ. North Texas, Denton, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
Can lower tax rates be bought? Business rent-seeking and tax competition among U.S. states
Robert S. CHIRINKO, Univ. Illinois, Chicago, and Daniel J. WILSON, Federal Reserve Bank of San Francisco, USA
Discussant: Mary E. EDWARDS, St. Cloud State Univ., MN, USA

10:45–11:30
Unconditional grants: Effects on local public expenditures in Sweden
Lena C. BIRKELOF, Umeå Univ., Sweden
Discussant: Katherine C. CHALMERS, California State Univ., Sacramento, USA

11:30–12:15
Spatial interdependence in local government efficiency
Mandy KRIESE and Anna MONTEN, Dresden Univ. Technology, Germany
Discussant: Niklas STENLAS, Institute for Future Studies, Stockholm, Sweden

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

Paper Session 3B ~ Labor Markets, II
Chair: William A.V. CLARK, Univ. California, Los Angeles, USA

8:00–8:45
Labour market aspects of the "New Rurality": Employment, commuting, and entrepreneurship in rural Sweden
Kent ELIASSON, Umeå Univ., Mats JOHANSSON, and Hans WESTLUND, Royal Institute of Technology, Stockholm, Sweden
Discussant: Mikko MOILANEN, Univ. Tromsø, Norway

8:45–9:30
The regional distribution by province of non-parental child care in Canada
L. Michael FARRELL, Univ. Québec, Trois-Rivières, QC, Canada
Discussant: Charles R. SCHMIDT, Arizona State Univ., Tempe, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
Commuting: A form of time travel
Michael OLSSON, Univ. Skövde, Börje JOHANSSON and Johan KLAESSON, Jönköping International Business School and Royal Institute of Technology, Stockholm, Sweden
Discussant: Jamie R. HAAG, Pacific Univ., Forest Grove, OR, USA

10:45–11:30
What decreases the TFP? The aging labor and ICT imbalance
Tatsuyoshi MIYAKOSHI, Osaka Univ., Japan, and Pekka ILMAKUNNAS, Helsinki School of Economics, Finland
Discussant: David P. McARTHUR, Stord/Haugesund Univ.,

11:30–12:15
Congestion and labour market accessibility in a regional context
David P. McARTHUR, Inge THORSEN, Stord/Haugesund Univ., and Jan UBOE, Norwegian School of Economics and Business Administration, Bergen
Discussant: Jack OSMAN, San Francisco State Univ., USA

Tuesday, 8:45 AM – 12:15 PM (Chappellet)

Paper Session 3C ~ Wind and Water
Chair: Matthias RUTH, Univ. Maryland, College Park, USA

8:45–9:30
Locating aspirational clusters: A spatial method for locating Ohio’s wind energy cluster
Joseph FRIZADO, Bruce W. SMITH, Bowling Green State Univ., Neil REID, Univ. Toledo, and Michael C. CARROLL, Bowling Green State Univ., OH, USA
Discussant: Andrew BLOHM, Univ. Maryland, College Park, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
Wind farms in rural areas: How far do economic and community benefits from wind farms represent a local economic development activity?
Gill BRISTOW, Richard COWELL, and Max MUNDAY, Cardiff Univ., Wales, U.K.
Discussant: Juanita C. LIU, Univ. Hawai`i, Manoa, USA

10:45–11:30
Eliciting the willingness to pay for piped water from self-reported rent appraisals in rural and urban Indonesia: A SEM autoregressive panel approach
Yusep SUPARMAN, Padjadjaran Univ, Indonesia, Henk FOLMER, Groningen Univ. and Wageningen Univ., Han OUD, Radboud Univ. Nijmegen, The Netherlands, and Budy P. RESOSUDARMO, Australian National Univ., Canberra, Australia
Discussant: Marcela GONZÁLEZ RIVAS, Cornell Univ., Ithaca, NY, USA

11:30–12:15
Valuing access to water: A spatial hedonic approach, with an application to Indian cities
Luc ANSELIN, Nancy LOZANO-GRACIA, Arizona State Univ., Tempe, Uwe DEICHMANN and Somik LALL, The World Bank, Washington, DC, USA
Discussant: Maureen KILKENNY, Univ. Nevada, Reno, USA

Tuesday Morning Program continues on Page 8...

Two previous WRSA Annual Meetings were held at the Silverado in Napa...
Our 35th ~ February 25–29, 1996
Our 27th ~ February 24–28, 1988
Tuesday, 8:00 – 11:30 AM (Trefethen)

Paper Session 3D ~
NE-1029 / WRSA Joint Session, I
Chair: Alison F. DAVIS, Univ. Kentucky, Lexington, USA
8:00–8:45
Residential broadband availability and adoption: Recent evidence from Kentucky and North Carolina
Mitch RENKOW, North Carolina State Univ., Raleigh, USA
Discussant: David W. HOLLAND, Washington State Univ., Pullman, USA
8:45–9:30
The impact of state government subsidies and tax credits in an emerging industry: United States ethanol production 1980–2007
Chad COTTI, Univ. Wisconsin, Oshkosh, and Mark SKIDMORE, Michigan State Univ., East Lansing, USA
Discussant: Alison F. DAVIS, Univ. Kentucky, Lexington, USA
9:30–10:00, Coffee Break (Fairway Deck)
10:00–10:45
Evolving structure of ethanol plants in rural areas and implications for rural economies
Daniel M. OTTO, Brittany TEAHAN, Chad HART and Zhong JIN, Iowa State Univ., Ames, USA
Discussant: Steven C. DELLER, Univ. Wisconsin, Madison, USA
10:45–11:30
Rural broadband internet use and the rural economy: Quasi-experimental design analysis of broadband’s potential effect
Peter STENBERG, Economic Research Service, Washington, DC, USA
Discussant: Thomas R. HARRIS, Univ. Nevada, Reno, USA

Tuesday, 8:45 AM – 12:15 PM (Martini)

Paper Session 3E ~ Regional Modeling, I
Chair: Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
8:00–8:45
Accessibility, diversity, and the dynamics of employment and population location
Sumei ZHANG, Univ. Louisville, KY, and Jean-Michel GULDMANN, Ohio State Univ., Columbus, OH, USA
Discussant: Ina BLIND, Univ. Uppsala, Sweden
8:45–9:30
Do local governments influence metropolitan spatial structure? Evidence from the Los Angeles region
Ajay AGARWAL, Univ. Southern California, Los Angeles, USA
Discussant: Rajrani KALRA, California State Univ., San Bernardino, USA
9:30–10:00, Coffee Break (Fairway Deck)
10:00–10:45
Subcenters in polycentric regions: The case of the Dallas-Forth Worth metropolitan area
Ardeshir ANJOMANI, Univ. Texas, Arlington, USA, and Maher S. AL-SHAMMARI, King Faisal Univ., Saudi Arabia
Discussant: Jong-Nyeo SEO, Yonsei Univ., Seoul, Korea
10:45–11:30
Urban structure: Its role in urban growth, net new business formation and industrial churn
Karen TURNER, Michelle GILMARTIN, Peter G. McGREGOR, and J. Kim SWALES, Univ. Strathclyde, Scotland
Discussant: Jiyoung PARK, Univ. Southern California, Los Angeles, USA

Tuesday, 8:00 AM – 12:15 PM (Sutter Home)

Paper Session 3F ~ Urban Structure
Chair: Koichi MERA, Univ. Southern California, Los Angeles, USA
8:00–8:45
Regional structure and structural changes in the Chilean economy: A fundamental economic structure (FES) approach
Sudhir K. THAKUR and Jaime R. ALVAYAY, California State Univ., Sacramento, USA
Discussant: Randall W. JACKSON, West Virginia Univ., Morgantown, USA
9:30–12:15
The added value from adopting a CGE approach to analyse changes in environmental trade balances
Karen TURNER, Michelle GILMARTIN, Peter G. McGREGOR, and J. Kim SWALES, Univ. Strathclyde, Scotland
Discussant: Jiyoung PARK, Univ. Southern California, Los Angeles, USA

Submitting Papers to:
The Annals of Regional Science

Participants are cordially invited to submit their Annual Meeting papers to WRSA’s official journal, The Annals of Regional Science. All three coeditors, Roger R. Stough, Börje Johansson, and Euijune Kim, are participating at the conference and will be happy to discuss potential submissions.
Tuesday, 8:45 – 11:30 AM (Buena Vista)

Paper Session 3G ~ Remote Regions, I: Northern Politics and Public Institutions
Chair: Lee HUSKEY, Univ. Alaska, Anchorage, USA
8:45–9:30
Paying the bills for student skills: Applying a national model to rural Alaskan districts
Alexandra HILL, Michelle STEFFENS, and Diane HIRSHBERG, Univ. Alaska, Anchorage, and Lawrence O. PICUS, Univ. Southern California, Los Angeles, USA
Discussant: Michael BAFFREY, U.S. Dept. of the Interior, Alaska, USA
9:30–10:00, Coffee Break (Fairway Deck)
10:00–10:45
The other Alaska Bridge to Nowhere: The Knik Arm Bridge and Toll Authority
Greg PROTASEL, Univ. Alaska, Anchorage, USA
Discussant: Tim HELENIAK, University of Maryland, College Park, USA
10:45–11:30
Awakening Siberia from marginalization to self-determination
Lennard SILLANPAA, Univ. Helsinki, Finland
Discussant: Rasmus Ole RASMUSSEN, Nordregio, Stockholm, Sweden

Tuesday, 12:30 – 2:15 PM
(Silverado Ballroom)

Annual Banquet Luncheon
(For all registered and paid participants; tickets required)
Chair: T. John KIM, 49th WRSA President (2008–2009)

Announcements:
David A. PLANE, WRSA Executive Secretary

The 12th Annual Springer Prize
Presented by:

The 22nd Charles M. Tiebout Prize
Presented by:
Jack OSMAN, 47th WRSA President (2006–2007) and Chair, 2008–2009 Reading Committee

Presidential Address:
How do regions adjust to a positive (or negative) trade balance?
David W. HOLLAND, 50th WRSA President (2009–2010)

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

This is the 23rd 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.

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, 2:30 – 5:00 PM (Chandon)
Paper Session 4A ~ Entrepreneurship in Aging Societies
Chair: Antoine BAILLY, Univ. Genève, Switzerland
2:30–3:15
Impact of local resources on hospitalization patterns of Medicare beneficiaries and propensity to travel outside local markets
Jayasree BASU, Agency for Healthcare Research and Quality, Rockville, MD, and Lee R. MOBLEY, Research Triangle Institute International, Raleigh, NC, USA
Discussant: Antoine BAILLY, Univ. Genève, Switzerland

3:15–4:00
Profit dynamics and new firms: Regional entry and exit of firms and the persistence of profits
Johan EKLUND, Jönköping International Business School and RATIO, Stockholm, and Daniel WIBERG, Jönköping International Business School and Royal Institute of Technology, Stockholm, Sweden
Discussant: Koichi MERA, Univ. Southern California, Los Angeles, USA

4:00–4:15, Coffee Break (Fairway Deck)

4:15–5:00
The labor and social security impacts of elderly entrepreneurship
Ting ZHANG, Univ. Baltimore, MD, USA
Discussant: Lena C. BIRKELOF, Umeå Univ., Sweden

Tuesday, 2:30 – 5:00 PM (Beringer)
Paper Session 4B ~ NE-1029 / WRSA Joint Session, II
Chair: Mitch RENKOW, North Carolina State Univ., Raleigh, USA
2:30–3:15
Recent immigration: The diversity of economic outcomes in metropolitan America
Mark D. PARTRIDGE, Ohio State Univ., Columbus, Dan S. RICKMAN, Oklahoma State University, Stillwater, USA, and Kamar ALI, Univ. Saskatchewan, Saskatoon, Canada
Discussant: Peter STENBERG, Economic Research Service, Washington, DC, USA

3:15–4:00
Estimating trade area capture employing cointegration procedures
Fungisai NOTA, Wartburg College, Waverly, IA, and Thomas R. HARRIS, Univ. Nevada, Reno, USA
Discussant: Daniel M. OTTO, Iowa State Univ., Ames, USA

4:00–4:15, Coffee Break (Fairway Deck)

4:15–5:00
The economic impacts of the 2001 terrorist attacks on the World Trade Center: A computable general equilibrium analysis
Adam ROSE, Univ. Southern California, Gbadebo OLADOSU, Oak Ridge National Laboratory, TN, Bumsoo LEE, Univ. Illinois, Urbana-Champaign, and Garrett ASAY, Univ. Southern California, Los Angeles, USA
Discussant: Yu XIANG, Texas A&M Univ., College Station, USA

5:00–5:45
Econometric estimation of Armington import elasticities for regional CGE models of the Chicago and Illinois economies
Soo Jung HA, Univ. Strathclyde, Geoffrey J. D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA, and Karen TURNER, Univ. Strathclyde, Scotland
Discussant: Chiung-Hsia (Doris) WANG, Colorado State Univ., Ft. Collins, USA

Tuesday, 2:30 – 5:45 PM (Chappellet)
Paper Session 4C ~ Regional Modeling, II
Chair: Sergio J. REY, Arizona State Univ., Tempe, USA
2:30–3:15
Visitor spending shocks and labor mobility in Hawai‘i
Makena COFFMAN, Univ. Hawaii, Manoa, USA
Discussant: Paul POLZIN, Univ. Montana, Missoula, USA

3:15–4:00
Disaggregated national value chains as interindustry benchmarks for exploratory regional economic base analysis
Edward FESER, Univ. Illinois, Urbana-Champaign, USA
Discussant: John SPORING, Jr., U.S. Bureau of Economic Analysis, Washington, DC, USA

4:00–4:15, Coffee Break (Fairway Deck)

4:15–5:00
The role of energy efficiency spending in Maryland’s implementation of the Regional Greenhouse Gas Initiative (RGGI)
Matthias RUTH, Univ. Maryland, College Park, Karen PALMER, Andrew PAUL, Resources for the Future, Washington, DC, Benn HOBBS, Johns Hopkins Univ., Baltimore, MD, Darius IRANI, Towson Univ., Baltimore, MD, Yishu CHEN, Univ. California, Merced, Kimberly ROSS, Joanna MAUER, Univ. Maryland, College Park, Erica MYERS, Resources for the Future, Washington, DC, Ivan Dario VALENCIA, Nate HULTMAN, and Nicolai HERRMANN, Univ. Maryland, College Park, USA
Discussant: Mary E. EDWARDS, St. Cloud State Univ., MN, USA

3:15–4:00
The greenhouse effect (It’s not what you think)
Ron McCHESNEY, Independent Geographer, Upper Arlington, OH, USA
Discussant: Joseph FRIZADO, Bowling Green State Univ., OH, USA

4:00–4:15, Coffee Break (Fairway Deck)

Tuesday, 2:30 – 5:45 PM (Trefethen)
Paper Session 4D ~ Environmental Impacts, I
Chair: Katharine L. JACOBS, Arizona Water Institute, Tucson, USA
2:30–3:15
The role of energy efficiency spending in Maryland’s implementation of the Regional Greenhouse Gas Initiative (RGGI)
Matthias RUTH, Univ. Maryland, College Park, Karen PALMER, Andrew PAUL, Resources for the Future, Washington, DC, Benn HOBBS, Johns Hopkins Univ., Baltimore, MD, Darius IRANI, Towson Univ., Baltimore, MD, Yishu CHEN, Univ. California, Merced, Kimberly ROSS, Joanna MAUER, Univ. Maryland, College Park, Erica MYERS, Resources for the Future, Washington, DC, Ivan Dario VALENCIA, Nate HULTMAN, and Nicolai HERRMANN, Univ. Maryland, College Park, USA
Discussant: Mary E. EDWARDS, St. Cloud State Univ., MN, USA

3:15–4:00
The greenhouse effect (It’s not what you think)
Ron McCHESNEY, Independent Geographer, Upper Arlington, OH, USA
Discussant: Joseph FRIZADO, Bowling Green State Univ., OH, USA

4:00–4:15, Coffee Break (Fairway Deck)
4:15–5:00
Impacts of high speed rail system on regional air quality
Minsu SON, Brian H.S. KIM, and Kichan NAM, Yonsei Univ., Seoul, Korea
Discussant: Svante MANDELL, Swedish National Road and Transport Research Institute, Stockholm
5:00–5:45
Climate impacts and response options at local scales: Lessons from five industries in Pennsylvania, USA
Andrew BLOHM and Matthias RUTH, Univ. Maryland, College Park, USA
Discussant: PingSun LEUNG, Univ. Hawaii, Manoa, USA

Tuesday, 2:30 – 5:00 PM (Martini)
Paper Session 4E ~
Public Finance and Governance, II
Chair: Lata CHATTERJEE, Boston Univ., MA, USA
2:30–3:15
Big into small: Fiscal policy externalities at the city level
Katherine C. CHALMERS, California State Univ., Sacramento, Harvey CULTER, Colorado State Univ., Fort Collins, and Walter SCHWARM, California Department of Finance, Sacramento, USA
Discussant: Mehmet S. TOSUN, Univ. Nevada, Reno, USA
3:15–4:00
The advent of the Swedish lobbyist region
Niklas STENLÅS and Markus GOSSAS, Institute for Future Studies, Stockholm, Sweden
Discussant: Anna MONTÉN, Dresden Univ., Germany
4:15–5:00
Impact of local decentralization on economic growth
George W. HAMMOND, West Virginia Univ., Morgantown, and Mehmet S. TOSUN, Univ. Nevada, Reno, USA
Discussant: Daniel J. WILSON, San Francisco Federal Reserve Bank, USA

Tuesday, 2:30 – 5:45 PM (Buena Vista)
Paper Session 4G ~
Regional Economic Development, I:
New Strategic Perspectives
Chair: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
2:30–3:15
Casino gambling as an economic development strategy
Michael WENZ, Winona State Univ., MN, USA
Discussant: Andrew J. CASSEY, Washington State Univ., Pullman, USA
3:15–4:00
Social capital and economic growth on various spatial levels: Conclusions from 56 studies
Hans WESTLUND, Jönköping International Business School and Royal Institute of Technology, Stockholm, Sweden
Discussant: William B. BEYERS, Univ. Washington, Seattle, USA
4:15–5:00
Transitioning to the new economy: Individual, institutional, and regional factors in explaining outcomes of retraining programs
Harvey A. GOLDSTEIN, MODUL Univ., Vienna Austria, Nichola LOWE and Mary DONEGAN, Univ. North Carolina, Chapel Hill, USA
Discussant: Ramziya SHAKIROVA, George Mason Univ., Fairfax, VA, USA
5:00–5:45
Economic and tax revenue impacts of the University of Arizona Science and Technology Park
Jaewon LIM, Univ. Arizona, Tucson, USA
Discussant: R. Keith SCHWER, Univ. Nevada, Las Vegas, USA

Tuesday Program continues on Page 12...
The 50 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 Udis
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. Mittelbach
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 Moscove
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

Wednesday, February 25

7:45 AM–12:15 PM
Registration (Silverado East Foyer)
8:00–9:00 AM
IGU Applied Geography Commission Meeting
(Buena Vista)
8:00 or 8:45 AM–12:15 PM
Six Concurrent Sessions:
5A Environmental Impacts, II (Chandon)
5B Regional Economic Development, II (Beringer)
5C Evolving Planning Constructs (Chappellet)
5D Urban Development and Policy, I (Trefethen)
5E Economic Theory and Regional Applications (Martini)
5F Remote Regions, II (Sutter Home)
9:30–10:00 AM
Coffee Break (Fairway Deck)
12:15–1:30 PM
Lunch Break (On your own this day)
1:30–5:45 PM
Six Concurrent Sessions:
6A Remote Regions, III (Chandon)
6B Urban Development and Policy, II (Beringer)
6C Regional Economic Development, III (Chappellet)
6D Trade (Trefethen)
6E Demographic Analysis, II (Martini)
6F Health, Regional Analysis and Policy (Sutter Home)
3:00–3:30 PM
Coffee Break (Fairway Deck)
(5:45 PM, Conference ends)

Tuesday, 6:00 – 7:30 PM
(Fairway Deck)

President’s Reception
Hosted by:
David W. HOLLAND,
50th WRSA President (2009–2010)
(For all participants and accompanying persons: Everyone welcome!)

We gratefully acknowledge the generous financial support for this event provided by Washington State University’s College of Agricultural, Human, and Natural Resource Sciences on the occasion of David Holland’s Presidency.
2009 Program

Wednesday, 8:00 – 9:00 AM (Buena Vista)
IGU Applied Geography Commission Meeting
Convenors:
Robert J. STIMSON, Univ. Queensland, Brisbane, Australia
Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA

Description: The purpose of the meeting is to brainstorm and plan joint sessions and activities to be held at future RSAI conferences. All interested persons are encouraged to attend!

Wednesday, 8:45 AM – 12:15 PM
(Pech) Paper Session 5A ~ Environmental Impacts, II
Chair: Henk FOLMER, Groningen Univ. and Wageningen Univ., The Netherlands

8:45–9:30
Pricing strategies under emissions trading: An experimental analysis
Markus WRÅKE, Erica MYERS, Svante MANDELL, Charles HOLT, and Dallas BURTRAW, Swedish National Road and Transport Research Institute, Stockholm, Sweden
Discussant: Makena COFFMAN, Univ. Hawaii, Manoa, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
The effects of CO2 emissions on transportation investments using a CGE model
Euijune KIM, Myoungsub CHOI, and Yujin BAE, Seoul National University, Korea
Discussant: Brian H.S. KIM, Yonsei Univ., Seoul, Korea

10:45–11:30
Estimating the carbon footprint of visitors: Assessing economic and environmental leakage
Makena COFFMAN and Denise E. KONAN, Univ. Hawaii, Manoa, USA
Discussant: Max MUNDAY, Univ. Cardiff, Wales, UK

11:30–12:15
Constructing a baseline input-output model with environmental accounts (IOEC)
Taelim CHOI, Georgia Institute of Technology, Atlanta, Randall W. JACKSON, West Virginia Univ., Morgantown, and Nancey Green LEIGH, Georgia Institute of Technology, Atlanta, USA
Discussant: Sudhir K. THAKUR, California State Univ., Sacramento, USA

Wednesday, 8:00 AM – 12:15 PM (Chappellet)
Paper Session 5C ~ Evolving Planning Constructs
Chair: Michael TEITZ, Public Policy Institute of California, San Francisco, USA

8:00–8:45
Growth visioning and regional planning
Simon CHOI, Southern California Association of Governments, Los Angeles, and Hyunsan CHO, Univ. North Florida, Jacksonville, USA
Discussant: C.-H. Christine BAE, Univ. Washington, Seattle, USA

8:45–9:30
Regional development sustainability analysis concept
Janno REILJAN, Univ. Tartu, Estonia
Discussant: Rajrani KALRA, California State Univ., San Bernardino, USA

9:30–10:00, Coffee Break (Fairway Deck)

10:00–10:45
Planning for knowledge cities in ubiquitous technology spaces: Opportunities and challenges
Tschango John KIM, Univ. Illinois, Urbana-Champaign, USA
Discussant: Simon CHOI, Southern California Association of Governments, Los Angeles, USA

10:45–11:30
Planning mindset for the intelligent city
Kenneth E. COREY, H.M. JUNG, and Mark I. WILSON, Michigan State Univ., East Lansing, USA
Discussant: Jean-François FRENETTE, Univ. Québec, Canada

11:30–12:15
Groundbreaking ‘planning schools’: An innovation for developing regional human resources toward next generation in Japan
Yukio OGURI, Hidehiko KANAGAE, Akira KINOSHITA, Yoshinobu KUMATA, Tatsuro SAKANO, Masahiro SHIROSUKU, Haruka SUZUKI, Nabuaki TAKAYAMA, Yumi NAKAGAWA, Yoshiro HIGANO, Akihiro MAGARA, Midori MIYAZAKI, and Daigo YUSHIDA, Chiba Univ. Commerce (and other institutions), Japan
Discussant: Janno REILJAN, Univ. Tartu, Estonia

Wednesday Morning Program continues on Page 14...
**Wednesday, 8:00 AM – 12:15 PM (Trefethen)**  
**Paper Session 5D ~ Urban Development and Policy, I**  
Chair: Sheikh Sabia SULTANA, King Faisal Univ. Petroleum and Minerals, Saudi Arabia  
8:00–8:45  
**Coming undone: A spatial hazard analysis of urban form in American regions**  
Discussant: Liv OSLAND, Stord/Haugesund Univ., Norway  
8:45–9:30  
**Opportunity lost: Portland, Oregon urban growth boundary expansion rules**  
Philip J. RUDER, Pacific Univ., Forest Grove, OR, USA  
Discussant: Don SHOUP, Univ. California, Los Angeles, USA  
9:30–10:00, Coffee Break (Fairway Deck)  
10:00–10:45  
**Strategic interaction among local governments revisited: The case of building permits**  
Ralph B. McLAUGHLIN, Univ. California, Irvine, USA  
Discussant: Peter GORDON, Univ. Southern California, Los Angeles, USA  
10:45–11:30  
**Gang injunctions and community participation: A case study of Oxnard, California**  
Eduardo MIRANDA and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA  
Discussant: L. Michael FARRELL, Univ. Québec, Trois-Rivières, QC, Canada  
11:30–12:15  
**Urban competitiveness in Korea**  
Jong-Nyeo SEO, Kabsung KIM, and Jae Sik JEON, Yonsei Univ., Seoul, Korea  
Discussant: Abukar WARSAME, Royal Institute of Technology, Stockholm, Sweden  

**Wednesday, 8:00 AM – 12:15 PM (Martini)**  
**Paper Session 5E ~ New Takes on Classic Regional Science Topics**  
Chair: Borje JOHANSSON, Jönköping Univ., Sweden  
8:45–9:30  
**Agglomeration economies and two contrasting transportation costs: Complementary and substitution perspectives**  
Daisuke NAKAMURA, Univ. Illinois, Urbana-Champaign, USA  
Discussant: Gary TOMPKINS, Univ. Regina, SK, Canada  
9:30–10:00, Coffee Break (Fairway Deck)  
10:00–10:45  
**Theory of endogenous institution and evidences from the in-depth field study in Indonesia**  
Iwan J. AZIS and Maria M. WIHARDJA, Cornell Univ., Ithaca, NY, USA  
Discussant: Martin ANDERSSON, Jönköping International Business School, Stockholm, Sweden  
10:45–11:30  
**Input-output analysis, linear programming, and modified multipliers**  
Erqian ZHU, Man-Keun KIM, and Thomas R. HARRIS, Univ. Nevada, Reno, USA  
Discussant: Edward FESER, Univ. Illinois, Urbana-Champaign, USA  
11:30–12:15  
**The economic implication of rising transport cost for a small open economy: A case study of Hawaii’s vegetable sector**  
Run YU and PingSun LEUNG, Univ. Hawaii, Manoa, USA  
Discussant: Maureen KILKENNY, Univ. Nevada, Reno, USA  

**Wednesday, 8:00 AM – 12:15 PM (Sutter Home)**  
**Paper Session 5F ~ Remote Regions, II: Migration in Remote Regions, North and South**  
Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA  
8:00–8:45  
**Age and gender structure of post-migration earnings: Evidence from northern Sweden**  
Olle WESTERLUND, Univ. Umeå, Sweden  
Discussant: Scott GOLDSMITH, Univ. Alaska, Anchorage, USA  
8:45–9:30  
**Migration in the most remote regions: Magadan and Chukotka**  
Tim HELENIAK, Univ. Maryland, College Park, USA  
Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA  
9:30–10:00, Coffee Break (Fairway Deck)  
10:00–10:45  
**Gender and generation geographic and social mobility characteristics: The case of Greenland**  
Rasmus Ole RASMUSSEN, Nordregio, Stockholm, Sweden  
Discussant: Diane HIRSHBERG, Univ. Alaska, Anchorage, USA  
10:45–11:30  
**Measuring short term mobility among indigenous populations in remote Australia**  
John TAYLOR, Australian National Univ., Canberra, ACT, and Martin BELL, Univ. Queensland, Brisbane, Australia  
Discussant: Aldene H. MEIS MASON, Univ. Regina, SK, Canada  
11:30–12:15  
**Patterns of migration among the indigenous population of northern Alaska**  
Lee HUSKEY, Univ. Alaska, Anchorage, USA  
Discussant: Lassi HEININEN, Univ. Lapland, Finland  

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

**Paper Session 6A ~ Remote Regions, III: Economic Developments in the North**

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

1:30–2:15

**The social and economic effects of oil and gas activities in the Arctic**
Michael BAFFREY, US Dept. of the Interior, Alaska, USA

**Discussant:** Olle WESTERLUND, Univ. Umeå, Sweden

2:15–3:00

**The economic history of an Alaska without oil: A Gendanken experiment**
Scott GOLDSMITH, Univ. Alaska, Anchorage, USA

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

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15

**Caribou in the bio economy: Nunavut Inuit experiences with opting in**
Aldene H. MEIS MASON, Robert ANDERSON, Univ. Regina, SK, Canada, and Leo Paul DANA, Univ. Canterbury, New Zealand

**Discussant:** John TAYLOR, Australian National University, Canberra, ACT

4:15–5:00

**From periphery to world politics: The changing geo-politics of the North**
Lassi HEININEN, Univ. Lapland, Finland

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

Wednesday, 1:30 – 4:15 PM (Chappellet)

**Paper Session 6C ~ Regional Economic Development, III: Studies on Europe**

Chair: Jaewon LIM, Univ. Arizona, Tucson, USA

1:30–2:15

**Ten years of EU regional policy evaluation: What have we learnt?**

**Discussant:** Peter FRIEDRICH, Univ. Tartu, Estonia

2:15–3:00

**Assessing the roles and performance of small and medium-sized towns with matching and mixture models**
Michael J. KEANE and Eoghan GARVEY, National Univ. Ireland, Galway

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

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15

**The impact of structural funds on EU regional growth: A local analysis**
Julie LE GALLO, Université de Franche-Comté, Besançon, France, Sandy DALL’ERBA, Univ. Arizona, Tucson, USA, and Rachel GUILLEIN, Université de Bourgogne, Dijon, France

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

Wednesday, 1:30 – 4:15 PM (Trefethen)

**Paper Session 6D ~ Trade**

Chair: David C. HOLLAND, Washington State Univ., Pullman, USA

1:30–2:15

**The economic effects of economic cooperation about Korea, China, and Japan**
Young Ji PARK and Kabsung KIM, Yonsei Univ., Seoul, Korea

**Discussant:** Andi IRAWAN, Univ. Illinois, Urbana-Champaign, USA

2:15–3:00

**Regional adaptation in a globally integrated economy**
Michael C. CARROLL, Bowling Green State Univ., OH, and James R. STANFIELD, Colorado State Univ., Fort Collins, USA

**Discussant:** Johan EKLUND, Jönköping International Business School and RATIO, Stockholm, Sweden

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15

**Import of products and export innovation**
Martin ANDERSSON, Lina BJERKE, and Charlie KARLSSON, Jönköping International Business School and Royal Institute of Technology, Stockholm, Sweden

**Discussant:** Gary TOMPKINS, Univ. Regina, SK, Canada

Wednesday Afternoon Program continues on Page 16...
Wednesday, 1:30 – 5:45 PM (Martini)

Paper Session 6E ~ Demographic Analysis, II
Chair: Andrei ROGERS, Univ. Colorado, Boulder, USA
1:30–2:15

White flight in Los Angeles County, 1960–1990: A model of fuzzy tipping
Yiming WANG, Univ. Southern California, Los Angeles, USA
Discussant: Lawrence A. BROWN, Ohio State Univ., Columbus, USA

2:15–3:00

Universities, agglomerations and graduate human capital mobility
Alessandra FAGGIAN, Univ. Southampton, UK, and Philip McCANN, Univ. Waikato, New Zealand
Discussant: Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden

3:00–3:30, Coffee Break (Fairway Deck)

3:30–4:15

Home is where heart is? An analysis of labour mobility among unemployed adolescents in Northern Sweden
Mikko MOILANEN, Univ. Tromsø, Norway
Discussant: Rachel S. FRANKLIN, Association of American Geographers, Washington, DC, USA

4:15–5:00

Residential segregation and tenure segmentation in metropolitan Stockholm
Ina BLIND, Univ. Uppsala, Sweden
Discussant: K. Bruce NEWBOLD, McMaster Univ., Hamilton, ON, Canada

5:00–5:45

The indirect estimation of migration: Methods for dealing with inaccurate and missing data
Andrei ROGERS, Univ. Colorado, Boulder, USA
Discussant: Mats JOHANSSON, Royal Institute of Technology, Stockholm, Sweden

Wednesday, 1:30 – 5:00 PM (Sutter Home)

Paper Session 6F ~ Health, Regional Analysis and Policy
Chair: Hans WESTLUND, Royal Institute of Technology, Stockholm, Sweden
1:30–2:15

HMSA reimbursement of outpatient prescription drugs: Wholesale estimated 2006 acquisition cost (WAC) based formula reimbursement compared with average wholesale price (AWP) reimbursement
Thomas LOUDAT, TAL Associates, Kaneohe, HI, and Prahlad KASTURI, Radford Univ., Blacksburg, VA, USA
Discussant: Jayasree BASU, Agency for Healthcare Research and Quality, Rockville, MD, USA

2:15–3:00

Determinants of endoscopic colorectal cancer screening over time and place
Lee MOBLEY, Research Triangle Institute International, Raleigh, NC, May KUO, Matthew URATO, Nancy LOZANO GRACIA, and Luc ANSELIN, Arizona State Univ., Tempe, USA
Discussant: Ingmar R. PRUCHA, Univ. Maryland, College Park, USA

3:00–3:30, Coffee Break (Fairway Deck)
Program Participant Locator

Session assignments are listed following each participant’s name:

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

OS = Opening Session on Sunday afternoon
NE = NE-1029 Business Meeting on Monday morning
WB = WRSA Board Meeting on Monday afternoon
AB = Annual Banquet Luncheon on Tuesday
IGU = Applied Geography Business Meeting on Wednesday morning

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

~A~
ABREU, M. (6C)
ADIBI, E. (1G) adibi@chapman.edu
AGARWAL, A. (1F, 2A, 3F) ajayagar@usc.edu
ALENTESEVA, A. (6F)
ALI, K. (4B)
ALVAYAY, J.R. (3E)
AL-SHAMMARI, M.S. (3F)
AMCOFF, J. (1A)
AMIEL, L. (4B)
ANDERSON, L. (2A)
ANDERSON, R. (6A)
ANDERSSON, M. (5E, 6D) martin.andersson@jibs.hj.se
ANJOMANI, A. (3E, 6F) anjomani@uta.edu
ANSELIN, L. (1B, 3C, 6F) luc.anselin@asu.edu
ARRAIZ, I. (1B)
ASAY, G. (4C)
AZIS, I.J. (5E)

~B~
BAE, C.-H.C. (1F, WB, 5C) cbae@u.washington.edu
BAE, Y. (5A)
BAFFREY, M. (3G, 6A) michael_baffrey@ios.doi.gov
BAIILY, A. (4A, 4G) antoine.bailly@geo.unige.ch
BASSOK, A. (1F)
BASU, J. (4A, 6F) jayasree.basu@ahrq.hhs.gov
BELL, M. (5F)
BEYERS, W.B. (2D, 4G) beyers@u.washington.edu
BIRKELÖF, L.C. (3A, 4D) lena.birkelof@econ.umu.se
BJERKE, L. (6D)
BLIND, I. (3F, 6E) ina.blind@ibf.uu.se
BLOHIM, A. (3C, 4D) andymd26@umd.edu
BOEKEMA, F. (2D, 2F) f.w.m.boekema@uv.nl
BOUVET, F. (1E, 2F) bouvet@sonoma.edu
BRASINGTON, D.M. (1D, 6C) dbrasindd@uvm.edu
BREWAN, D. (2A)
BRISTOW, G. (3C)
BROWN, L.A. (2C, 6F) brown.8@osu.edu
BURTRAW, D. (5A)

~C~
CARROLL, M.C. (1C, 3C, 6D) mcarrow@bgnet.hgsu.edu
CARRUTHERS, J.I. (3E, 6D) john.i.carruthers@hud.gov
CASSEY, A.J. (4G, 5B) cassey@wsu.edu
CHALMERS, K.C. (3A, 4E) chalmers@saclink.csus.edu
CHATTERJEE, L. (1F, 4E) lata@bu.edu
CHEN, Y. (4D)
CHIRINKO, R.S. (3A)
CHOI, H. (5C)
CHOI, I.H. (1D, 2C) ashley0416@gmail.com
CHOI, M. (1C, 5A) mshchoi@snu.ac.kr
CHOI, S. (5C, 5D) choi@scag.ca.gov
CHOL, T. (5A)
CHUNG, S.-Y. (2C)
CLARK, W.A.V. (1B, 4B, 6C) wclark@geog.ucla.edu
CLOWER, T. (1E, 2F, 3C) tclower@unt.edu
COFFMAN, M. (4C, 5A, 5D) makenaka@hawaii.edu
COLEMAN, C. (1F)
CORCORAN, J. (1B)
COREY, K.E. (2A, 5C) kenneth.corey@ssc.msu.edu
COTTELEER, G. (1D)
COTTI, C. (3D) cotic@uwosh.edu
COWELL, R. (3C)
CULTER, H. (4E)

~D~
DALL’ERBA, S. (4G, 5B, 6C) dallerba@email.arizona.edu
DANA, L.P. (6A)
DAVIS, A.F. (NE, 3B, 3B) alison.davis@uky.edu
DE GROOT, H.L.F. (6C)
DEICHMANN, U. (3C)
DELLER, S.C. (3D, 4B) deller@aae.wisc.edu
DE PINTO, A. (2D, 3E) alex_depinto@redlands.edu
DESJARDINS, P.-M. (1C, 2D) pierre.marcel.desjardins@umontcal.ca
DIDHAM, R. (4F)
DIMOU, M. (2G, 2G) dimou@univ-reunion.fr
DOMS, M. (1E, 2F) markdoms@yahoo.com
DONEGAN, M. (4G)
DRUKKER, D.M. (1B)

~E~
EDWARDS, M.E. (3A, 4D) meedwards@stcloudstate.edu
EKKLUND, J. (4A, 6D) johan.eklund@ihh.hj.se
EICHHOLTZ, P. (1D)
ELIAS, M. (1C, 5B) mrbls@gmail.com
ELIASSON, K. (3B)
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Our venue will be the Hilton Sedona Resort. The conference will get underway with an Opening Session and Reception on Sunday, 2/21, with papers sessions all day Monday through Wednesday. Get working on a paper for submittal by WRSA’s traditional October 15 deadline.