Welcome to Monterey, to WRSA’s 50th Annual Meeting, and to our Golden Anniversary celebration. There may have been some changes since you last checked the Preliminary Program on the WRSA website. Please verify the timing, as well as the locations, of papers and sessions. The Program Participant Locator, on Pages 16–19, 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 9 contains important information about how the sessions will be conducted.

A number of special events will be held during the conference to celebrate WRSA’s Golden Anniversary. Sunday at 3:30 PM in the Cypress Ballroom, the First Annual Lay Gibson Plenary Opening Session will highlight the history of WRSA. The traditional Welcoming Reception will immediately follow in the Monterey Bay Room. All accompanying persons are welcome to attend both the Opening Session and Reception! All registrants (and those for whom a Banquet and Receptions ticket packet have been purchased) may use their included GREEN ticket for a first drink from the bar. Beverages will also be available on a cash-bar basis.

The special 50th Annual Banquet Luncheon will be on Tuesday at 12:30 PM in the Dolphins Ballroom (Upper / Street Level). Bring your BLUE ticket to be seated. Accompanying persons who are not paid registrants must have tickets to attend this event. The entrée will be herb-grilled chicken breast. Vegetarians should let Lauren at the Registration Desk know by Sunday evening to order an alternate main course.

On Tuesday evening, beginning at 6:00 PM, we will hold a Golden Anniversary Reception. All are welcome at this main social function! Use the last of the tickets in your packet (the GOLDEN one, of course!) for a first drink. There will some hors d’oeuvres and a cash bar for additional beverages.

Best wishes for a productive and stimulating conference. Now, let’s celebrate, big-time, the first half-century of the best little regional science association on the planet!
Monday, February 28

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

Registration (Fairway Foyer)

8:00 AM – 12:15 PM, Concurrent Sessions:
1A Regional Development Strategies (Cypress 1)
1B Rural Land Use and Management (Cypress 2)
1C Urban Issues I (Cypress 3)
1D Public Finance (Cypress 4)
1E Regional Modeling (Point Lobos 1)
1F Demographic Change & Neighborhoods (Point Lobos 2)
1G Western States Econ. Outlook (Robert Louis Stevenson)

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

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

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

1:30 – 5:45 PM, Concurrent Sessions:
2A The Regional Science of Education (Cypress 1)
2B Urban Issues II (Cypress 2)
2C Regional Modeling II (Cypress 3)
2D Innovation (Cypress 4)
2E Green Energy and Environmental Management (Point Lobos 1)
2F Impact Analysis (Point Lobos 2)
2G Panel: Urban Policy (Robert Louis Stevenson)

3:00 – 3:30 PM, Coffee Break (Cypress Foyer)

3:30 – 5:00 PM, WRSA Board Meeting By invitation only (Dolphins Ballroom—Upper Terrace / Street Level)

Monday, 8:00 AM – 12:15 PM

Paper Session 1A ~ Cypress 1
Issues in Regional Development
Chair: Bernard WEINSTEIN, Southern Methodist Univ., Dallas, TX, USA

8:00–8:45
Examination of communities at risk using time series and panel regression modeling: Case study of Ohio
Michael C. CARROLL and Xinyue YE, Bowling Green State Univ., OH, USA
Discussant: Maria Gabriela LADU, Univ. di Sassari, Italy

8:45–9:30
Limitations of the learning region: Conceptual arguments and empirical arguments from the Western Java automotive cluster in pursuit of a better explanation of knowledge based regional development
Desi IRAWATI, Newcastle Univ., England, UK, Roel RUTTEN, Tilburg Univ., and Frans BOEKEMA, Radboud Univ. Nijmegen, The Netherlands
Discussant: Hans LÖÖF, CESIS and KTH, Stockholm, Sweden

9:30–10:00, Coffee Break

10:00–10:45
Local banks and economic growth
Svante MANDELL, VTI, Swedish National Road and Transport Research Institute, Linköping, and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden
Discussant: Sierdjan KOSTER, Univ. Groningen, The Netherlands

10:45–11:30
The economic development incentives game: An imperfect information, heterogeneous communities approach
Carlianne PATRICK, The Ohio State Univ., Columbus, USA
Discussant: Tony SORENSON, Univ. New England, Armidale, NSW, Australia

11:30–12:15
Measuring the impact of US regional development policies: A spatial econometric approach
Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
Discussant: Kenneth E. COREY, Michigan State Univ., East Lansing, USA

Monday, 8:00 AM – 12:15 PM

Paper Session 1B ~ Cypress 2
Rural Land Use and Management
Chair: Makena COFFMAN, Univ. Hawaii, Manoa, USA

8:00–8:45
Mexican maize production: Evolving organizational and spatial structures since 1980
Douglas STEIGERWALD, Stuart SWEENEY, and Frank DAVENPORT, Univ. California, Santa Barbara, and Hallie EAKIN, Arizona State Univ., Tempe, USA
Discussant: David T. TAYLOR, Univ. Wyoming, Laramie, USA

8:45–9:30
Determinants of agricultural land prices: Expected returns and location
Sara JOHANSSON and Pia NILSSON, Jönköping International Business School, Sweden
Discussant: Liz Ileana RODRÍGUEZ-GÁMEZ, Univ. Arizona, Tucson, USA

9:30–10:00, Coffee Break

10:00–10:45
Determinants of agricultural land prices: Expected returns and location
Sara JOHANSSON and Pia NILSSON, Jönköping International Business School, Sweden
Discussant: Liz Ileana RODRÍGUEZ-GÁMEZ, Univ. Arizona, Tucson, USA

10:45–11:30
Building farmland reverse mortgage system for the rural elderly and issues on restructuring of rural area
DeokHo CHO and Byungkyu KIM, Daegu Univ., Gyeongsan, Korea
Discussant: Pia NILSSON, Jönköping International Business School, Sweden

11:30–12:15
AutoFarm: How farmers pre-wired the future exurban landscape
Ron McCCHESNEY, Three Scale Research LLC, Jill CLARK, Elena IRWIN, and Doug WRENN, The Ohio State Univ., Columbus, USA
Discussant: Junghoon KI, Myongji Univ., Seoul, Korea
Monday, 8:00 AM – 12:15 PM  
**Paper Session 1C ~ Cypress 3**  
**Urban Issues I**  
Chair: Eric J. HEIKKILA, Univ. Southern California, Los Angeles, USA  

8:00–8:45  
Tradeoffs of greenbelt preservation and low-income housing: Conflicts of sustainability in Korea  
Jun-Hyung KIM, Brian H.S. KIM, Mark SIM, and Donghwan AN, Seoul National Univ., Seoul, Korea  
Discussant: Y.H. FAN, National Taiwan Univ., Taipei  

8:45–9:30  
Impacts of rural-urban cleavages on political behavior in Asian nations  
Robert B. ALBRITTON, Univ. Mississippi, Oxford, USA  
Discussant: Elisabeth TOVAR, Univ. Paris, France  

9:30–10:00, Coffee Break  

10:00–10:45  
Scale economies in public service  
Michael OLSSON and Marie LUNDGREN, Univ. Skövde, Sweden  
Discussant: Stein ØSTBYE, Univ. Tromsø, Norway  

10:45–11:30  
Modeling the effects of the regional development plans on mobility  
Qisheng PAN, Texas Southern Univ., Houston, James E. MOORE II, and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA  
Discussant: T.R. LAKSHMANAN, Boston Univ., MA, USA  

11:30–12:15  
Urban Spatial Structure and Commuting Efficiency in the South Korea Cities  
Jong Gook SEO, Univ. Incheon, Korea  
Discussant: Tschango John KIM, Univ. Illinois, Urbana-Champaign, USA  

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Monday, 8:00 AM – 12:15 PM  
**Paper Session 1D ~ Cypress 4**  
**Public Finance**  
Chair: Jon R. MILLER, Univ. Idaho, Moscow, USA  

8:00–8:45  
The regional distribution of public goods in urban areas subsidiary in snow removal: The town of Mont Royal, Québec  
L. Michael FARRELL, Univ. du Québec, Trois-Rivieres, Canada  
Discussant: Andrew ECKERT, Univ. Alberta, Edmonton, Canada  

8:45–9:30  
Understanding willingness to support higher taxes for transportation investment  
Jean-Claude THILL and Chunhua WANG, Univ. North Carolina, Charlotte, USA  
Discussant: Hong-Bae KIM, Hanyang Univ., Seoul, Korea  

9:30–10:00, Coffee Break  

10:00–10:45  
Public finance crisis conflicts and issues: Cost of conflicts and increasing state by state use of rural mediation centers  
Eric THOR and Janet WERTSCH, Arizona State Univ., Phoenix, USA  
Discussant: Irene BERNHARD, Univ. West, Trollhättan, and Royal Institute of Technology, Stockholm, Sweden  

10:45–11:30  
Who benefits from increased government spending? A state-level analysis  
Michael T. Owyang, Federal Reserve Bank of St. Louis, MO, and Sarah ZUBAIRY, Duke Univ., Durham, NC, USA  
Discussant: Tamara DE LA MATA, Univ. Autónoma de Madrid, Spain  

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Monday, 8:00 AM – 12:15 PM  
**Paper Session 1E ~ Point Lobos 1**  
**Regional Modeling**  
Chair: Henk FOLMER, Univ. Groningen, The Netherlands  

8:00–8:45  
The interregional and interindustry impacts of the Gulf oil spill: Applying the national interstate economic model (NIEMO)  
JiYoung PARK, Univ. at Buffalo, NY, Peter GORDON, James E. MOORE II, and Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA  
Discussant: Euijune KIM, Seoul National Univ., Korea  

8:45–9:30  
Impacts of population aging on regional economies using an interregional CGE model of Korea  
Euijune KIM, Seoul National Univ., Heedeok CHO, Univ. Florida, Gainesville, Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA, Hyeseung LEE, Joohyung PARK, and Da-Woon JEONG, Seoul National Univ., Korea  
Discussant: Bo MENG, Institute of Developing Economies, Chiba, Japan  

9:30–10:00, Coffee Break  

10:00–10:45  
On input-output linkage measures  
Ummed TEMURSHOEV and Jan OOSTERHAVEN, Univ. Groningen, The Netherlands  
Discussant: Randall W. JACKSON, West Virginia Univ., Morgantown, USA  

10:45–11:30  
Evaluating the economic impacts of a disaster: A CGE application to the Tokai Region of Japan  
Hiroyuki SHIBUSAWA and Yuzuru MIYATA, Toyohashi Univ. of Technology, Japan  
Discussant: Joongkoo CHO, Univ. Southern California, Los Angeles, USA  

11:30–12:15  
Economic welfare analysis of the legalization of drugs: A CGE microsimulation model for Columbia  
Laura ATUESTA, Univ. Illinois, Urbana-Champaign, USA  
Discussant: William B. BEYERS, Univ. Washington, Seattle, USA  

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Monday morning program continues on p. 4...
Monday, 8:00 AM – 12:15 PM

Paper Session 1F ~ Point Lobos 2

Demographic Change and Neighborhoods
Chair: Simon CHOI, Southern California Association of Governments, Los Angeles, USA
8:00–8:45
The impact of African American migration on housing in New York City neighborhoods during the Great Depression
Trevor KOLLMANN, Univ. Arizona, Tucson, USA
Discussant: Rachel S. FRANKLIN, Brown Univ., Providence, RI, USA
8:45–9:30
Education and household location in the Chicago Metropolitan Area: Estimates by race and ethnicity
William TESTA, Federal Reserve Bank of Chicago, and William SANDER, DePaul Univ., Chicago, IL, USA
Discussant: David BRASINGTON, Univ. Cincinnati, OH, USA
9:30–10:00, Coffee Break
10:00–10:45
Mobility, migration and neighborhoods: Outcomes for people and outcomes for places
William A.V. CLARK, Univ. California, Los Angeles, USA, and Philip MORRISON, Victoria Univ. Wellington, New Zealand
Discussant: Mikaela BACKMAN, Jönköping International Business School, Sweden
10:45–11:30
Using high-resolution population data to identify neighborhoods and establish their boundaries
Seth E. SPIELMAN, Univ. Colorado, Boulder, and John LOGAN, Brown Univ., Providence, USA
Discussant: Lee MOBLEY, RTI International, Research Triangle Park, NC, USA
11:30–12:15
Using the population-employment ratio to assess the county level population projections in the SCAG region
Simon CHOI, Southern California Association of Governments, Los Angeles, JiYoung PARK, Univ. at Buffalo, and ChangKeun PARK, Univ. Georgia, Athens, USA
Discussant: Tony GRUBESIC, Drexel Univ., Philadelphia, PA, USA

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

Monday, 1:30 – 5:45 PM

Paper Session 2A ~ Cypress 1

The Regional Science of Education
Chair: ChangKeun PARK, Univ. Georgia, Athens, USA
1:30–2:15
Migration and labor market outcomes among recent college graduates: Swedish evidence
Kent ELIASSON, Umeå Univ. and Swedish Institute for Growth Policy Studies, Sweden
Discussant: K. Bruce NEWBOLD, McMaster Univ., Hamilton, ON, Canada
2:15–3:00
Sustainable diversity: Population change and diversity in American higher education
Rachel S. FRANKLIN, Brown Univ., Providence, RI, USA
Discussant: W. Mark BROWN, Statistics Canada, Ottawa, ON, Canada
3:00–3:30, Coffee Break
3:30–4:15
Behind the opinions: Why people support school choice
David M. BRASINGTON, Univ. Cincinnati, OH, and Diane HITE, Auburn Univ., GA, USA
Discussant: William A.V. CLARK, Univ. California, Los Angeles, USA
4:15–5:00
An analysis of trends in spatial mobility of Dutch higher educated graduates
Viktor VENHORST, Jouke VAN DIJK, and Leo VAN WISSEN, Univ. Groningen, The Netherlands
Discussant: Sofia TANO, Umeå Univ., Sweden
5:00–5:45
Returns to higher education: A regional perspective
Mikaela BACKMAN and Lina BJERKE, Jönköping International Business School, Sweden
Discussant: William SANDER, DePaul Univ., Chicago, IL, USA
Monday, 1:30 – 5:45 PM

Paper Session 2B ~ Cypress 2

Urban Issues II

Chair: Michael OLSSON, Univ. Skövde, Sweden

1:30–2:15

Connection between built environment and health: The role of 4D (density, diversity, design, and destination) in individuals’ BMI

Yong-Jin AHN, Univ. Southern California, Los Angeles, JiYoung PARK, Univ. at Buffalo, NY, and Simon CHOI, Southern California Association of Governments, Los Angeles, USA

Discussant: Jong Gook SEO, Univ. Incheon, Korea

2:15–3:00

A planning support system for integrated metropolitan land use–transportation forecasting

Ardeshir ANJOMANI, Univ. Texas, Arlington, USA

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

3:00–3:30, Coffee Break

3:30–4:15

Riots and urban social fragmentation: A case study on Paris with a capabilist well-being definition

Lise BOURDEAU-LEPAGE and Elisabeth TOVAR, Univ. Paris, France

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

4:15–5:00

Web-based green landscape and urban planning system development

Junghoon Ki, Myongji Univ., Seoul, and Kunesook HUR, Jinju National Univ., Korea

Discussant: Kh. Md. NAHIDUZZAMAN, King Fahd Univ. of Petroleum and Minerals, Dhahran, Saudi Arabia

5:00–5:45

Alternative transportation demand management approaches in rapidly growing urban areas: A case of Northern Virginia

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

Discussant: Myung-Jin JUN, Chung-Ang Univ., Seoul

Monday, 1:30 – 5:00 PM

Paper Session 2D ~ Cypress 4

Innovation

Chair: Antoine S. BAILLY, Univ. Genève, Switzerland

1:30–2:15

Planning for municipal e-governance: A tentative model for a framework towards citizen centric public e-service

Irène BERNHARD, Univ. West, Trollhättan, and Royal Institute of Technology, Stockholm, Sweden

Discussant: Douglas WOODWARD, Univ. South Carolina, Columbia, USA

2:15–3:00

Knowledge intensive business services and market potential

Börje JOHANSSON, Jönköping International Business School, CESIS, and KTH, Stockholm, and Johan KLAESSON, Jönköping International Business School, Sweden

Discussant: Roel RUTTEN, Tilburg Univ., The Netherlands

3:00–3:30, Coffee Break

3:30–4:15

The relationship between start-ups, market mobility and employment growth: An empirical analysis for Dutch regions

Sierdjan KOSTER, Univ. Groningen, and Andre VAN STEL, EIM Business and Policy Research, Zoetermeer, and Univ. Amsterdam, The Netherlands

Discussant: Lee McPHETERS, Arizona State Univ., Tempe, USA

4:15–5:00

The pursuit of knowledge: Planning for knowledge hubs in Asia

Kenneth E. COREY and Mark I. WILSON, Michigan State Univ., East Lansing, USA

Discussant: Frans BOEKEMA, Radboud Univ., The Netherlands

Monday afternoon program continues on page 6...
Monday, 1:30 – 5:00 PM  
**Paper Session 2E ~ Point Lobos 1**  
**Green Energy and Environmental Management**  
Chair: Eric THOR, Arizona State Univ., Phoenix, USA  
1:30–2:15  
**The feasibility of combining the algae-to-oil system with advanced sewage treatment**  
Dun-Yen WANG and Yoshiro HIGANO, Univ. Tsukuba, Tsukuba, Japan  
Discussant: John KEITH, Utah State Univ., Logan, USA  
2:15–3:00  
**Maryland offshore wind development: Regulatory context, grid interconnection, conflict areas, economic viability and emissions displacement**  
Matthias RUTH, Andy BLOHM, Sean WILLIAMSON, Yohan SHIM, Paul FAGIOLO, David B. LANG, Junming YANG, and Vorapat POLCHAROENSOOK, Univ. Maryland, College Park, USA  
Discussant: Christa D. JENSEN, West Virginia Univ., Morgantown, USA  
3:00–3:30, Coffee Break  
3:30–4:15  
**Assessing Hawaii’s clean energy options: An application of renewable portfolio standards**  
Makena COFFMAN, Univ. Hawaii, Manoa, USA  
Discussant: Douglas JONES, The Ohio State Univ., Columbus, USA  
4:15–5:00  
**Potential impacts of federal regulation of greenhouse gas emissions on Wyoming’s energy derived tax revenue**  
Milton GEIGER, Don McLEOD, and Roger COUPAL, Univ. Wyoming, Laramie, USA  
Discussant: Terry CLOWER, Univ. North Texas, Denton, USA  

Monday, 1:30 – 3:00 PM  
**Panel Session 2G ~ Robert Louis Stevenson**  
**New Urban Development: Looking Back to See Forward**  
Chair: Lay James GIBSON, Univ. Arizona, Tucson  
Presentation:  
*Perestroika for U.S. Land Use Policies*  
Claude GRUEN, Gruen Gruen + Associates, San Francisco, CA, USA  
Panelists  
Michael TEITZ, Public Policy Institute of California, San Francisco, USA  
Bernard WEINSTEIN, Southern Methodist University, Dallas, TX, USA  

In his recently published book, *New Urban Development: Looking Back to See Forward*, Claude Gruen discusses the unintended consequences of contemporary land use regulations and priorities. Claude’s book reviews the history of planning regulations since Colonial times and draws upon that background to suggest thirteen land use policies to improve the quality of urban life and play a critically needed role in enabling the U.S. economy to meet the challenges of the 21st century.

After an overview presentation of the book’s themes, the panelists will respond, sharing their reactions and diverse perspectives.

Monday, 3:30 – 5:00 PM  
**WRSA Board Meeting**  
(By Invitation Only)  
Dolphins Ballroom—Upper Terrace / Street Level  
Convenor: David A. PLANE, Univ. Arizona, Tucson, USA, and WRSA Executive Secretary  

3:30–4:15  
**Impact analysis of construction of an international airport on a regional economy**  
Hong Bae KIM, Junseok CHOI, and Ilnam JEONG, Hanyang Univ., Seoul, Korea  
Discussant: Yu XIAO, Texas A&M Univ., College Station, USA  
4:15–5:00  
**What works for regional economic development strategy: Industry targeting or cluster approaches**  
Mukesh KUMAR, Jackson State Univ., MS, USA  
Discussant: Michael WENZ, Northeastern Illinois Univ., Chicago, USA  
5:00–5:45  
**Spatial pattern and domestic tourism: An econometric analysis using inter-regional monetary flows by type of journey**  
Tamara DE LA MATA and Carlos LLANO VERDURAS, Univ. Autónoma de Madrid, Spain  
Discussant: Michael C. CARROLL, Bowling Green State Univ., OH, USA  

**Monday, 1:30 – 5:45 PM**  
**Paper Session 2F ~ Point Lobos 2**  
**Impact Analysis**  
Chair: Theodore LANE, Thomas Lane & Associates, Seattle, WA, USA  
1:30–2:15  
**Wyoming’s uranium industry: Economic impact and production potential in a changing world**  
Thomas FOULKE, David T. TAYLOR, and Roger H. COUPAL, Univ. Wyoming, Laramie, USA  
Discussant: Paul POLZIN, Univ. Montana, Missoula, USA  
2:15–3:00  
**Modeling the impact of away-from-port empty container storage yards**  
Ting LEI and Richard CHURCH, Univ. California, Santa Barbara, USA  
(Note: Paper withdrawn, 2/24) Other presentation times remain as shown in printed program  
Discussant: Jean-Claude THILL, Univ. North Carolina, Charlotte, USA  
3:00–3:30, Coffee Break
Tuesday, March 1

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

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

3A Advances in Spatial Modeling I (Cypress 1)
3B Regional Structure and Theory (Cypress 2)
3C Jobs and Wages (Cypress 3)
3D Urban Issues III (Cypress 4)
3E Innovation and Competition (Point Lobos 1)
3F Environmental Management I (Point Lobos 2)

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

12:30 – 2:15 PM, Annual Banquet Luncheon
(Dolphins Ballroom—Upper Terrace / Street Level)

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

2:30 – 5:45 PM, Concurrent Sessions:

4A Remote Regions I: Institutions and Development in the North (Cypress 1)
4B Migration I (Cypress 2)
4C High Tech and Regional Development (Cypress 3)
4D Environmental Management II (Cypress 4)
4E Advances in Spatial Modeling II (Point Lobos 1)
4F Social Economic Issues and Regional Analysis (Point Lobos 2)

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

6:00 – 7:30 PM, Golden Anniversary Reception
(Dolphins Ballroom—Upper Terrace / Street Level)

Tuesday, 8:00 AM – 12:15 PM

Paper Session 3A ~ Cypress 1
Advances in Spatial Modeling I

Chair: Alan T. MURRAY, Arizona State Univ., Tempe, USA
8:00–8:45

Employment density in Hermosillo, 1999–2004: A spatial econometric approach of local parameters
Liz Ileana RODRÍGUEZ-GÁMEZ, Univ. Arizona, Tucson, USA
Discussant: Peter A. ROGERSON, Univ. at Buffalo, NY, USA
8:45–9:30

Spatial heterogeneity in cancer control planning and cancer screening behavior
Lee MOBLEY, Tzy-Mey KUO, Matthew URATO, Sujha SUBRAMANIAN, RTI International, Research Triangle Park, NC, Lisa WATSON and Luc ANSELIN, Arizona State Univ., Tempe, USA
Discussant: H.A. EISELT, Univ. New Brunswick, Fredericton, Canada
9:30–10:00, Coffee Break

10:00–10:45

W-based vs. latent variables spatial autoregressive models in the presence of two types of spatial dependence: Evidence from Monte Carlo simulations
An LIU, Henk FOLMER, Univ. Groningen, and Johan H.L. OUD, Radboud Univ. Nijmegen, The Netherlands
Discussant: Sergio J. REY, Arizona State Univ., Tempe, USA
10:45–11:30

On two-step estimation of a spatial autoregressive model with autoregressive disturbances and endogenous regressors
David DRUKKER, StataCorp, College Station, TX, Peter EGGER, ETH Zurich, Switzerland, and Ingmar PRUCHA, Univ. Maryland, College Park, USA
Discussant: Nuria GALLEGÓ LÓPEZ, Univ. Autónoma de Madrid, Spain
11:30–12:15

Total factor productivity estimates: Some evidence from European regions
Maria Gabriela LADU, Univ. di Sassari, Italy
Discussant: Mukesh KUMAR, Jackson State Univ., MS, USA

Tuesday, 8:00 AM – 12:15 PM

Paper Session 3B ~ Cypress 2
Regional Structure and Theory

Chair: Gordon F. MULLIGAN, Univ. Arizona, Tucson, USA
8:00–8:45

An information perspective on path dependence
Eric J. HEIKKILA, Univ. Southern California, USA
Discussant: Akio MATSUMOTO, Chuo Univ., Tokyo, Japan
8:45–9:30

Quantum dreaming: The relevance of quantum mechanics to regional science
Tony SORENSEN, Univ. New England, Armidale, Australia
Discussant: Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
9:30–10:00, Coffee Break

10:00–10:45

Empirical testing of new economic geography models using economic experiments
Stein ØSTBYE and Eirik HEEN, Univ. Tromsø, Norway
Discussant: Maureen KILKENNY, Univ. Nevada, Reno, USA
10:45–11:30

Delay differential neoclassical growth model
Akio MATSUMOTO, Chuo Univ., Tokyo, Japan, and Ferenc SZIDAROVSKY, Univ. Arizona, Tucson, USA
Discussant: Gordon F. MULLIGAN, Univ. Arizona, Tucson, USA
11:30–12:15

Emission credit trading and regional inequalities
Hajime TAKATSUKA, Kagawa Univ., Takamatsu, and Ryohei NAKAMURA, Okayama Univ., Japan
Discussant: Asao ANDO, Tohoku Univ., Sendai, Japan

Tuesday morning program continues on page 8...
Tuesday, 8:00 AM – 12:15 PM
Paper Session 3C ~ Cypress 3
Jobs, Wages and Migration
Chair: Michel DIMOU, Univ. de la Réunion, France
8:00–8:45
A history of return migration research: Part IV. The development of the theory
Jeremiah ALLEN, Univ. Lethbridge, AB, Canada
Discussant: Kent ELIASSON, Umeå Univ., Sweden
8:45–9:30
Urban labour markets and wages: The role of migration
K. Bruce NEWBOLD, McMaster Univ., Hamilton, and W. Mark BROWN, Statistics Canada, Ottawa, ON, Canada
Discussant: Alessandra FAGGIAN, Univ. Southampton, England, UK
9:30–10:00, Coffee Break
10:00–10:45
Migration and increasing wage inequality: Can imperfect competition explain the link? Demand-side effects of domestic and international migration, Sweden, 1993–2003
Martin KORPI, Stockholm School of Economics, Sweden
Discussant: Jack OSMAN, San Francisco State Univ., CA, USA
10:45–11:30
Urban wage premium and local amenities: Evidence from the Greek case
Michel DIMOU and Alexandra SCHAFFAR, Université de la Réunion, France
Discussant: Richard WOBBEKIND, Univ. Colorado, Boulder, USA
11:30–12:15
The real urban wage premium
Andrew PERUMAL, Univ. Nebraska, Lincoln, USA
Discussant: Changkeun LEE, Seoul National Univ., Korea

Tuesday, 8:00 AM – 12:15 PM
Paper Session 3D ~ Cypress 4
Urban Issues III
Chair: Harry W. RICHARDSON, Univ. Southern California, Los Angeles, USA
8:00–8:45
Measuring political entrepreneurship: An empirical study of Swedish municipalities
Amy Rader OLSSON, Royal Institute of Technology, Stockholm, and Hans WESTLUND, Royal Institute of Technology and Jönköping International Business School, Sweden
Discussant: Robert B. ALBRITTON, Univ. Mississippi, Oxford, USA
8:45–9:30
Strategic interaction in setting commercial office rents:
Evidence from lease voucher data in Houston
Serguei CHERVACHIDZE, CBRE, and Janet KOHLHASE, Univ. Houston, TX, USA
Discussant: Fernando DePAOLIS, Monterey Institute, CA, USA
9:30–10:00, Coffee Break
10:00–10:45
Urban expansion, development feature and spatial separation: The case of Seoul Metropolitan Region, Korea
Jae Ik KIM and Jin-Hwi KWON, Keimyung Univ., Daegu, Korea
Discussant: Peter GORDON, Univ. Southern California, Los Angeles, USA
10:45–11:30
Future of Inland Empire region of Southern California: Applying a vector autoregression model for logistics job growth pattern analysis
ChangKeun PARK, Univ. Georgia, Athens, KiHong KIM, Portland State Univ., OR, Simon CHOI, Southern California Association of Governments, Los Angeles, and JiYoung PARK, Univ. at Buffalo, NY, USA
Discussant: Jin-Hwi KWON, Keimyung Univ., Daegu, Korea
11:30–12:15
Why does a city’s reinvention occur slowly? Modeling the redevelopment of a run-down area
In Kwon PARK, Rutgers Univ., Camden, NJ, USA
Discussant: Koichi MERA, Univ. Southern California, Los Angeles, USA

Tuesday, 8:45 AM – 12:15 PM
Paper Session 3E ~ Point Lobos 1
Innovation and Competition
Chair: Mario POLÈSE, INRS Urbanisation, Culture et Société, Montréal, QC, Canada
8:45–9:30
An analysis of the competitiveness of South Asian cities
Brian ROBERTS, Univ. Canberra, ACT, Australia, and Kay CHOE, Asian Development Bank, Manila, The Philippines
Discussant: Svante MANDELL, VTI, Swedish National Road and Transport Research Institute, Linköping
9:30–10:00, Coffee Break
10:00–10:45
New business survival: An integrated analysis of individual, farm, industrial and regional factors
Shaoming CHENG, Florida International Univ., Miami, USA
Discussant: Richard SHEARMUR, INRS Urbanisation, Culture et Société, Montréal, QC, Canada
10:45–11:30
Location choices of independent inventors
Jonathan MUNN, Francis Marion Univ., Florence, SC, Paulo GUIMARAES and Douglas WOODWARD, Univ. South Carolina, Columbia, USA
Discussant: Daisuke NAKAMURA, The International Centre for the Study of East Asian Development, Kitakyushu, Japan
11:30–12:15
Sustainable issues of economic growth in developed countries: Regional infrastructure and social welfare
Daisuke NAKAMURA, The International Centre for the Study of East Asian Development, Kitakyushu, Japan
Discussant: Ernest MIGUÉLEZ, Univ. Barcelona, Spain
Tuesday, 8:00 AM – 12:15 PM

Paper Session 3F ~ Point Lobos 2
Environmental Management I

Chair: Y.H. FAN, National Taiwan Univ., Taipei

8:00–8:45
Including risk in the economic analysis of waste recycling options for a community
Thomas R. HARRIS, Robert M. DICK, Man-Keun KIM, and Anthony OLIVER, Univ. Nevada, Reno, USA
Discussant: Katsuhiro SAKURAI, Rissho Univ., Tokyo, Japan
8:45–9:30
The benefits of environmental improvement: Estimates from space-time analysis
Discussant: Sara JOHANSSON, Jönköping International Business School, Sweden
9:30–10:00, Coffee Break

10:00–10:45
The socio-economic impacts of propane cannons on residents in the Fraser Valley
Tracy STOBBE, Trinity Western Univ., Langley, Canada
Discussant: Aldene MEIS MASON, Univ. Regina, SK, Canada
10:45–11:30
Attribution of responsibility for U.S. hazardous waste generation
Christa D. JENSEN and Randall W. JACKSON, West Virginia Univ., Morgantown, USA
Discussant: Thomas FOULKE, Univ. Wyoming, Laramie, USA
11:30–12:15
Agricultural waste management and economic development in Taihu Basin, China
Yoshiro HIGANO and Zhihong SHEN, Univ. Tsukuba, Japan
Discussant: Thomas R. HARRIS, Univ. Nevada, Reno, USA

It’s the Silver Anniversary of WRSA’s Tiebout Prize in Regional Science!

This is the 25th consecutive WRSA Annual Meeting at which the Charles M. Tiebout Prize will have been presented. The Prize, established in 1987, 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 one of the Founding Fathers of WRSA 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.

24th, 2010: Colleen Donovan, University of California, Berkeley
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

Notes on Session Format & 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 (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 to facilitate attendees catching the papers they wish to hear in the various concurrent sessions.
• As a courtesy to other presenters, all participants are asked to attend the full session.

Mahalo!
Tuesday, 12:30 – 2:15 PM
50th Anniversary Luncheon
(For all registered and paid participants; tickets required)
Dolphins Ballroom—Upper Terrace / Street Level
Chair: Robert J. STIMSON, WRSA 51st President (2010-2011)

Announcements:
David A. PLANE, WRSA Executive Secretary

Musical Presentation:
A Performance by the WRSA 'Bandidos'

The 15th Annual Springer-Verlag Prize
Presented by: Euijune KIM and Janet KOHLHASE
Editors, The Annals of Regional Science

A Short History of WRSA’s Tiebout Prize
Theodore LANE and Geoffrey J.D. HEWINGS

The 25th Charles M. Tiebout Prize
and Chair, 2010-2011 Reading Committee

A Report on the Golden Anniversary Project:
“What’s Special about WRSA?”
Rachel S. FRANKLIN and David A. PLANE

Tuesday, 2:30 – 5:45 PM
Paper Session 4B ~ Cypress 2
Migration I
Chair: Olle WESTERLUND, Umeå Univ., Sweden
2:30–3:15
Immigrants and the spread of tuberculosis in the United States: A hidden cost of immigration
Michael J. GREENWOOD and Watson R. WARRINER, Univ. Colorado, Boulder, USA
Discussant: Trevor KOLLMANN, Univ. Arizona, Tucson, USA
3:15–4:00
Dwindling U.S. internal migration: Evidence of a spatial equilibrium?
Mark D. PARTRIDGE, The Ohio State Univ., Columbus, Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA, M. Rose OLFERT, Univ. Saskatchewan, Saskatoon, and Kamar ALI, Univ. Lethbridge, AB, Canada
Discussant: Martin KORPI, Stockholm School of Economics, Sweden
4:00–4:15, Coffee Break
4:15–5:00
Endogenous growth of the ageing economy with intra-generational heterogeneity over race and migration
Tae-Jeong KIM and Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA
Discussant: Mark D. PARTRIDGE, The Ohio State Univ., Columbus, USA
5:00–5:45
The determinants of the choice of location among young adults: Evidence from Sweden
Peter BERCK, Univ. California, Berkeley, USA, Sofia TANO, and Olle WESTERLUND, Umeå Univ., Sweden
Discussant: Jeremiah ALLEN, Univ. Lethbridge, AB, Canada

Tuesday, 2:30 – 5:45 PM
Paper Session 4C ~ Cypress 3
High Tech and Regional Development
Chair: Shaoming CHENG, Florida International Univ., Miami, USA
2:30–3:15
Temporal changes in the social networks within an industrial center
Neil REID and Paula ROSS, Univ. Toledo, and Bruce W. SMITH, Bowling Green State Univ., OH, USA
Discussant: Seung-Kyu HA, Chung-Ang Univ., Seoul, Korea
3:15–4:00
Innovation in knowledge intensive business services: The independence of collaborative behavior and geography
David DOLOREUX, Univ. Ottawa, ON, and Richard SHEARMUR, INRS Urbanisation, Culture et Société, Montréal, QC, Canada
Discussant: Hans LÖÖF, CESIS and KTH, Stockholm, Sweden
4:00–4:15, Coffee Break

Tuesday, 2:30 – 5:45 PM
Paper Session 4A ~ Cypress 1
Remote Regions I:
Institutions and Development in the North
Chair: Lee HUSKEY, Univ. Alaska, Anchorage, USA
2:30–3:15
Broadband policies for the Arctic: A comparative analysis
Heather E. HUDSON, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA
Discussant: Lee HUSKEY, Univ. Alaska, Anchorage, USA
3:15–4:00
After 25 years what’s next? The growth of Alaska Native Regional Corporations under the special provisions of the SBA’s 8(a) program
Greg PROTASEL, Univ. Alaska, Anchorage, USA
Discussant: Stephanie MARTIN, Univ. Alaska, Anchorage, USA
4:00–4:15, Coffee Break
4:15–5:00
A comparison of Canadian Inuit use of caribou and Swedish Sami use of reindeer for entrepreneurship
Aldene MEIS MASON, Univ. Regina, Leo Paul DANA, Univ. Canterbury, New Zealand, and Robert ANDERSON, Univ. Regina, SK, Canada
Discussant: Lee HUSKEY, Univ. Alaska, Anchorage, USA
5:00–5:45
Formal schooling of indigenous peoples in rural and remote regions: Past and present models
Diane HIRSHBERG and Alexandra HILL, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA
Discussant: Douglas JONES, The Ohio State Univ., Columbus, USA
2011 Program

4:15–5:00
Creative milieus in the Stockholm region
Börje JOHANSSON, Jönköping International Business School, and Johan KLAESSON, CESIS and Royal Institute of Technology, Stockholm, Sweden
Discussant: Shaoming CHENG, Florida International Univ., Miami, USA
5:00–5:45
Lessons from an established university research park
Jaewon LIM, Lay James GIBSON, and Vera PAVLAKOVICH-KOCHI, Univ. Arizona, Tucson, USA
Discussant: Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden

Tuesday, 2:30 – 5:45 PM
Paper Session 4D ~ Cypress 4
Environmental Management II
Chair: Yoshiro HIGANO, Univ. Tsukuba, Japan
2:30–3:15
Local economic impacts of natural disasters
Yu XIAO, Texas A&M Univ., College Station, USA
Discussant: Roger H. COUPAL, Univ. Wyoming, Laramie, USA
3:15–4:00
A study on promotion policy of residential photovoltaic considering learning effect and environmental value
Yoshiro HIGANO, Univ. Tsukuba, Susumu UCHIDA, National Agriculture and Food Research Organization, Zhihong SHEN and Feng XU, Univ. Tsukuba, Takeshi MIZUNOYA, Wako Univ., Tokyo, and Katsuhiro SAKURAI, Rissho University, Japan
Discussant: Matthias RUTH, Univ. Maryland, College Park, USA
4:00–4:15, Coffee Break
4:15–5:00
Estimations of demand for household water in Jordan: Planning for public water systems improvements
Paul JAKUS and John KEITH, Utah State Univ., Logan, USA
Discussant: Zhihong SHEN, Univ. Tsukuba, Japan
5:00–5:45
An estimate of water pollutant inflow into the Tokyo Bay, Japan in the late 19th century
Katsuhiro SAKURAI, Rissho Univ., Tokyo, Tetsuya TAKAHASHI, Univ. Tokyo, Shintaro KOBAYASHI, Japan International Research Center for Agricultural Sciences, and Yoshiro HIGANO, Univ. Tsukuba, Japan
Discussant: Tracy STOBBE, Trinity Western Univ., Langley, BC, Canada

Tuesday, 2:30 – 5:45 PM
Paper Session 4E ~ Point Lobos 1
Advances in Spatial Modeling II
Chair: Sandy DALL’ERBA, Univ. Arizona, Tucson, USA
2:30–3:15
Visualizing regional income distribution dynamics
Sergio J. REY, Alan T. MURRAY, and Luc ANSELIN, Arizona State Univ., Tempe, USA
Discussant: An LIU, Univ. Groningen, The Netherlands
3:15–4:00
Fei CHEN and Hongwu WEN, Nanchang Univ., China
Discussant: Arthur GETIS, San Diego State Univ., CA, USA
4:00–4:15, Coffee Break
4:15–5:00
Optimal weights for the local Moran statistic
Peter A. ROGERSON and Peter KEDRON, Univ. at Buffalo, NY, USA
Discussant: Stuart SWEENEY, Univ. California, Santa Barbara, USA
5:00–5:45
Continuous-time modeling with spatial dependence
Johan H.L. OUD, Radboud Univ. Nijmegen, Henk FOLMER, Univ. Groningen, The Netherlands, Roberto PATUPELLI, Univ. Lugano, Switzerland, and the Rimini Centre for Economic Analysis, Italy, and Peter NIJKAMP, Free University Amsterdam, The Netherlands
Discussant: Ingmar PRUCHA, Univ. Maryland, College Park, USA

Tuesday, 2:30 – 5:45 PM
Paper Session 4F ~ Point Lobos 2
Social/Economic Issues and Regional Analysis
Chair: Hans WESTLUND, Royal Institute of Technology, Stockholm, and Jönköping International Business School, Sweden
2:30–3:15
Enhancing our understanding of urban violence with mathematical programming
Tony GRUBESIC, Drexel Univ., Philadelphia, PA, USA
Discussant: Richard CHURCH, Univ. California, Santa Barbara, USA
3:15–4:00
Border effects and liquor sales: The case of New Brunswick
Andrew ECKERT, Univ. Alberta, Edmonton, and James WOLCOTT, Columbia Pacific Consulting, Vancouver, BC, Canada
Discussant: JiYoung PARK, Univ. at Buffalo, NY, USA
4:00–4:15, Coffee Break
4:15–5:00
Decomposing household and firm amenity effects with an application to casino gambling
Michael WENZ, Northeastern Illinois Univ., Chicago, USA
Discussant: John I. CARRUTHERS, George Washington Univ., Washington, DC, USA
5:00–5:45
Regional differences in wine price and quality: Chauvinism and hubris in California wine
Jon R. MILLER and Eric T. STUEN, Univ. Idaho, Moscow, USA
Discussant: R. Pete PARCELLS, Whitman College, Walla Walla, WA, USA

Dolphins Ballroom—Upper Terrace / Street Level
Golden Anniversary Reception
For all participants and accompanying persons: Everyone welcome!
Wednesday, March 2

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

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

5A Transportation Modes and Commuting (Cypress 1)
5B Trade I (Cypress 2)
5C Housing I (Cypress 3)
5D Migration II (Cypress 4)
5E Industrial Location & Regional Impacts (Point Lobos 1)
5F Remote Regions II: Change in the North (Point Lobos 2)

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

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

1:30 – 5:45 PM, Concurrent Sessions:

6A Industrial Location and Equity (Cypress 1)
6B Transportation Planning (Cypress 2)
6C Trade II (Cypress 3)
6D Remote Regions III: Migration in the North (Cypress 4)
6E Housing II (Point Lobos 1)

3:00 – 3:30 PM, Coffee Break (Cypress Foyer)

(5:45 PM, End of Conference)

Wednesday, 8:00 AM – 12:15 PM

Paper Session 5A ~ Cypress 1
Transportation Modes and Commuting
Chair: Ardeshir ANJOMANI, Univ. Texas, Arlington, USA

8:00–8:45
Measuring bicyclists’ exposure to black carbon emissions: The case of Seattle, Washington
C.-H. Christine BAE, Andy E-Sok HONG, and Timothy V LARSON, Univ. Washington, Seattle, USA
Discussant: Roger R. STOUGH, George Mason Univ., Fairfax, VA, USA

8:45–9:30
Transit or automobile? Accessibility and labor market outcomes of the poor
Ivy Lingqian HU, Univ. Wisconsin-Milwaukee, and Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA
Discussant: Brian H. S. KIM, Seoul National Univ., Korea

9:30–10:00, Coffee Break

10:00–10:45
Impact of transit-oriented development on resident travel behavior: A Texas study
Terry CLOWER, Michael BOMBA, Paul HENDERSHOT, and Paul RUGGIERE, Univ. North Texas, Denton, USA
Discussant: Pengyu ZHU, Univ. Southern California, Los Angeles, USA

10:45–11:30
Has high density urban development in Seoul affected a reduction of automobile usage in commuting?
Myung-Jin JUN, Chung-Ang Univ., Seoul, and Jae Ik KIM and Jin-Hwi KWON, Keimyung Univ., Daegu, Korea
Discussant: Ardeshir ANJOMANI, Univ. Texas, Arlington, USA

11:30–12:15
Has Seoul’s bus rapid transit (BRT) effected changes in commuter mode choice?
Myung-Jin JUN, Chung-Ang Univ., Korea
Discussant: Ivy Lingqian HU, Univ. Wisconsin-Milwaukee

Wednesday, 8:00 – 11:30 AM

Paper Session 5B ~ Cypress 2
Trade I
Chair: Kingsley E. HAYNES, George Mason Univ., Fairfax, VA, USA

8:00–8:45
Regional inequality and foreign direct investment in China
Huaqun LI and Kingsley HAYNES, George Mason Univ., Fairfax, VA, USA
Discussant: Martin ANDERSSON, Jönköping International Business School, Sweden

8:45–9:30
Imports, knowledge flows, and renewal of regional exports
Martin ANDERSSON, Lina BJERKE, and Charlie KARLSSON, Jönköping International Business School, Sweden
Discussant: Michael SZENBERG, Pace Univ., New York, NY, USA

9:30–10:00, Coffee Break

10:00–10:45
Taiwan’s trading arrangements and industrial location
I-Ju TSAI, National United Univ., MiaoLi, and Kenneth S. LIN, National Taiwan Univ., Taipei
Discussant: Martin ANDERSSON, Jönköping International Business School, Sweden

10:45–11:30
The relationship between export enhancement and import substitution
Stephen COOKE and Philip WATSON, Univ. Idaho, Moscow, USA
Discussant: Discussant: Gary TOMPKINS, Univ. Regina, SK, Canada

Wednesday, 8:00 AM – 12:15 PM

Paper Session 5C ~ Cypress 3
Housing I
Chair: Fernando DePAOLIS, Monterey Institute, CA, USA

8:00–8:45
Housing development, inclusive communities and mobilization of social capital in South Korea
Seong-Kyu HA and Eun-Jin CHOI, Chung-Ang Univ., Seoul, Korea
Discussant: Lise BOURDEAU-LEPAGE, Univ. Paris, France

8:45–9:30
Housing the urban poor: A conceptual discourse
Kh. Md. NAHIDUZZAMAN, King Fahd Univ. Petroleum and Minerals, Dhahran, Saudi Arabia
Discussant: Nina GRUEN, Gruen Gruen + Associates, San Francisco, CA, USA

9:30–10:00, Coffee Break

10:00–10:45
Beyond preference: Modelling segregation under regulation
Yiming WANG, Cardiff Univ., Wales, UK
Discussant: Hyeseung LEE, Univ. Southern California, Los Angeles, USA
2011 Program

10:45–11:30
Residential mobility and housing tenure transitions: The role of residential location
KwanOk LEE, Univ. Southern California, Los Angeles, USA
Discussant: Yiming WANG, Cardiff Univ., Wales, UK
11:30–12:15
Housing ownership changes in an era of promoting the American Dream: The view from within
Michael WEBB and Lawrence BROWN, The Ohio State Univ., Columbus, USA
Discussant: Ralph B. McLAUGHLIN, Univ. South Australia, Adelaide

Wednesday, 8:00 – 11:30 AM
Paper Session 5D ~ Cypress 4
Migration II
Chair: Mark D. PARTRIDGE, The Ohio State Univ., Columbus, USA
8:00–8:45
Rural homeownership and labor mobility in the U.S.
Daniel MONCHUK, Maureen KILKENNY, and Euan PHIMISTER, Univ. Nevada, Reno, USA
Discussant: Jack OSMAN, San Francisco State Univ., CA, USA
8:45–9:30
Tracking the mean center of the U.S. population, 1990–2009: Methods for assessing the contributions of the demographic components of change
David A. PLANE, Univ. Arizona, Tucson, USA
Discussant: Seth E. SPIELMAN, Univ. Colorado, Boulder, USA
9:30–10:00, Coffee Break
10:00–10:45
A gravity approach to cross-regional mobility of inventors: Evidence from Europe
Ernest MIGUÉLEZ and Rosina MORENO, Univ. Barcelona, Spain
Discussant: Jouke VAN DIJK, Univ. Groningen, The Netherlands
10:45–11:30
Cultural avoidance and internal migration in the USA: Do the source countries matter?
Alessandra FAGGIAN, Univ. Southampton, England, UK, Mark D. PARTRIDGE, The Ohio State Univ., Columbus, and Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA
Discussant: Michael J. GREENWOOD, Univ. Colorado, Boulder, USA

Wednesday, 8:00 – 11:30 AM
Paper Session 5E ~ Point Lobos 1
Industrial Location and Regional Impacts
Chair: Jaewon LIM, Univ. Arizona, Tucson, USA
8:00–8:45
R&D-persistency, metropolitan externalities and productivity
Hans LOÖF, CESIS and KTH, and Börje JOHANSSON, Jönköping International Business School, CESIS, and KTH, Stockholm, Sweden
Discussant: Wolfgang DAUTH, Univ. Erlangen-Nuremberg, Germany
8:45–9:30
Measuring the location of economic activity (employment): The specialization and the spatial concentration, two aspects of the same phenomenon
Ion Lucian CEAPRAZ, AgroParisTech, France
Discussant: Tûzün BAYCAN, Istanbul Technical University, Turkey, and George Mason University, Fairfax, VA, USA
9:30–10:00, Coffee Break
10:00–10:45
The welfare effect of economic diversity in rural regions: An analysis of Dutch municipalities
Sierdjan KOSTER and Aleid E. BROUWER, Univ. Groningen, and Eveline S. VAN LEEUWEN, Free Univ. Amsterdam, The Netherlands
Discussant: Kimiko UNO, Tokyo Univ. of Foreign Studies, Japan
10:45–11:30
Discordant city employment cycles
Michael T. OWYANG, Federal Reserve Bank of St. Louis, Jeremy PIGER, Univ. Oregon, Eugene, and Howard J. WALL, Federal Reserve Bank of St. Louis, MO, USA
Discussant: Andrew PERUMAL, Univ. Nebraska, Lincoln, USA

Wednesday, 8:45 – 11:30 AM
Paper Session 5F ~ Point Lobos 2
Remote Regions II: Change in the North
Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA
8:00–8:45
Canada’s Northern Economy: New (and different) challenges
Pierre-Marcel DESJARDINS, Université de Moncton, NB, and Mario POLÈSE and Richard SHEARMUR, INRS Urbanisation, Culture et Société, Montréal, QC, Canada
Discussant: Lance HOWE, Univ. Alaska, Anchorage, USA
9:00–9:30, Coffee Break
10:00–10:45
Alaska’s economy after Prudhoe Bay
Scott GOLDSMITH, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA
Discussant: Tim HELENIAK, Univ. Maryland, College Park, USA
10:45–11:30
A social system model for understanding human adaption to Arctic environmental change
Matt BERMAN, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA
Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA

Wednesday, 12:15 PM – 1:30 PM
Lunch Break (On your own this day)
**WRSA 50th Annual Meeting**

**Wednesday, 1:30 – 5:00 PM**

**Paper Session 6A ~ Cypress 1**

**Industrial Location, Knowledge and Equity**

Chair: Neil REID, Univ. Toledo, OH, USA

1:30–2:15

**Bridging the knowledge to commercialization valley: The good, the bad, and the challenging**

Tüzin BAYCAN, Istanbul Technical University, Turkey, and George Mason University, and Roger R. STOUGH, George Mason Univ., Fairfax, VA, USA

Discussant: Johann KLAESSON, CESIS and the Royal Institute of Technology, Stockholm, Sweden

2:15–3:00

**Poverty ratios in Asia and Sub-Sahara Africa based on logit models**

Kimiko UNO, Tokyo Univ. of Foreign Studies, Japan

Discussant: Brian ROBERTS, Univ. Canberra, ACT, Australia

3:00–3:30, Coffee Break

3:30–4:15

**Vocational education and training and its impact on earnings, unemployment and well-being**

Roland ANDERSSON, Pardis Nabari LARIJANI, and Mats WILHELMSSON, Royal Institute of Technology, Stockholm, Sweden

Discussant: Neil REID, Univ. Toledo, OH, USA

4:15–5:00

**A location-based comparison of health care services in four U.S. states with efficiency and equity**


Discussant: Eveline S. VAN LEEUWEN, Free Univ. Amsterdam, The Netherlands

**Wednesday, 1:30 – 3:00 PM**

**Paper Session 6B ~ Cypress 2**

**Transportation Planning**

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

1:30–2:15

**'Compact' or 'sprawl' for sustainability? Measuring the effect of urban form on travel behavior in Korea**

Kichan NAM and Up LIM, Yonsei Univ., and Brian H.S. KIM, Seoul National Univ., Korea

Discussant: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

2:15–3:00

**Are telecommuting and personal travel complements or substitutes?**

Pengyu ZHU, Univ. Southern California, Los Angeles, USA

Discussant: T.R. LAKSHMANAN, Boston Univ., MA, USA

**Wednesday, 1:30 – 4:15 PM**

**Paper Session 6C ~ Cypress 3**

**Trade II**

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

1:30–2:15

**Estimating quarterly interregional commodity flows by means of temporal interpolation methods: The Spanish case**

Nuria GALLEGO LÓPEZ, Carlos LLANO VERDURAS, and Julián PÉREZ GARCÍA, Univ. Autónoma de Madrid, Spain

Discussant: Michael T. OWYANG, Federal Reserve Bank of St. Louis, MO, USA

2:15–3:00

**The paradoxical behavior of regions in response to free trade and growth in the post-Cold War global economy**

Lall B. RAMRATTAN and Michael SZENBERG, Pace Univ., New York, NY, USA

Discussant: I-Ju TSAI, National United Univ., MiaoLi, Taiwan

3:00–3:30, Coffee Break

3:30–4:15

**External trade and internal geography**

Martin ANDERSSON and Jan WEISS, Jönköping International Business School, Sweden (Paper withdrawn 2/25)

Discussant: Stephen COOKE, Univ. Idaho, Moscow, USA

4:15–5:00

**The mysteries of trade: Interindustry spillovers in cities**

Wolfgang DAUTH, Univ. Erlangen-Nuremberg, Germany

Discussant: Ion Lucian CEAPRAZ, AgroParisTech, France

**Wednesday, 1:30 – 5:45 PM**

**Paper Session 6D ~ Cypress 4**

**Remote Regions III:**

**Causes and Consequences of Migration in the North**

Chair: Scott GOLDSMITH, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA

1:30-2:15

**Settling the Arctic: land claims and population movement**

Stephanie MARTIN, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA

Discussant: Aldene MEIS MASON, Univ. Regina, SK, Canada

2:15–3:00

**The depopulation of Russia’s most remote regions: Magadan and Chukotka**

Tim HELENIAK, Univ. Maryland, College Park, USA

Discussant: Matt BERMAN, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA

3:00-3:30, Coffee Break

3:30-4:15

**Internal migration in Alaskan Arctic**

Lance HOWE, Univ. Alaska, Anchorage, USA

Discussant: Alexandra HILL, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA

**Note revised time of presentation.**
2011 Program

4:15-5:00
Active labor market programs and regional mobility of labor: evidence from the Swedish recession, 1994–1995
Robert A. NAKOSTEEN, Univ. Massachusetts, Amherst, Olle WESTERLUND, Umeå Univ., Sweden, and Michael ZIMMER, Univ. Evansville, IN, USA
Discussant: Scott GOLDSMITH, Institute of Social and Economic Research, Univ. Alaska, Anchorage, USA

5:00-5:45
The importance of place in Arctic migration
Lee HUSKEY, Univ. Alaska, Anchorage, USA
Discussant: Pierre-Marcel DESJARDINS, Université de Moncton, NB, Canada

Wednesday, 1:30 – 3:00 PM
Paper Session 6E ~ Point Lobos 1
Housing II
Chair: Sheikh Sabia SULTANA, King Fahd Univ. of Petroleum and Minerals, Dhahran, Saudi Arabia
1:30–2:15
Economic stability and spatial structure as determinants of residential foreclosure rates in U.S. metropolitan areas
Fernando DePAOLIS, Monterey Institute, CA, and Nabil KAMEL, Arizona State Univ., Tempe, USA
Discussant: Lawrence BROWN, The Ohio State Univ., Columbus, USA

2:15–3:00
Metropolitan growth policies and new housing supply: Evidence from Australia’s capital cities
Ralph B. MCLAUGHLIN, Univ. South Australia, Adelaide
Discussant: Janet KOHLHASE, Univ. Houston, TX, USA

(Conference ends @ 5:45 PM)

And Next Year...
The Garden Island
The Sheraton Kauai, Poipu, Hawai’i
February 8–11, 2012

For our 51st Annual Meeting we’re returning to the scenic site of our 39th Annual Meeting back in 2000.
Mark the dates and get working on a paper for submittal by our traditional October 15 deadline. Please note those 2012 dates are a couple of weeks earlier than in most recent years (to avoid a conflict with the Association of American Geographers, whose conference will be held in New York City during our normal late-February dates.)
Our second conference on the Garden Island will kick off with the 2nd Annual Lay Gibson Plenary Opening Session and a Welcoming Reception late in the day on Wednesday, February 8. Paper sessions will be held all day Thursday through Saturday, February 9–11.
Watch the WRSA website, Newsletter, and Listserv messages for more details in the months ahead.

Aloha!
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 on Tuesday Morning
4A, 4B, 4C, 4D, 4E, 4F on Tuesday Afternoon
5A, 5B, 5C, 5D, 5E, 5F on Wednesday Morning
6A, 6B, 6C, 6D, 6E on Wednesday Afternoon

OS = Opening Session on Sunday Afternoon
WB = WRSA Board Meeting on Monday Afternoon
AL = 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; *Italics* indicate a discussant.

~A~

AHN, Y.J. (2B) yongjina@usc.edu
ALBRITTON, R.B. (1C, 3D) ralbritt@olemiss.edu
ALLEN, J. (3C, 4B) allenj@uleth.ca
AN, D. (1C)
ANSELIN, L. (3A, 4E) luc.anselin@asu.edu
ANJOMANI, A. (2B, 5A, 5A) anjomani@uta.edu
ANDERSSON, M. (5B, 6C) martin.andersson@ihh.hj.se
ANDERSSON, R. (4B)
ANDO, A. (2C, 3B) ando@m.tohoku.ac.jp
ANSLIN, K. (4B)
ANSLIN, K. (5B) martin.andersson@ihh.hj.se
ANSON, R. (4A)
ANDERSSON, M. (5B)
ANDERSSON, N. (5B) martin.andersson@ihh.hj.se
ANDERSDEN, R. (6A)
ANDERSSON, M. (5B) martin.andersson@jibs.hj.se
ANDO, A. (2C, 3B) ando@m.tohoku.ac.jp
ANJOMANI, A. (2B, 5A, 5A) anjomani@uta.edu
ANSLIN, L. (3A, 4E) luc.anselin@asu.edu
ATUESTA, L. (1E, 2C) latuest2@illinois.edu

~B~

BACKMAN, M. (1F, 2A) mikaela.backman@ihh.hj.se
BAE, C. (WB, 5A, 6B) cbae@uwashington.edu
BAILEY, A.S. (2D) antoine.bailly@unige.ch
BAYCAN, T. (5E, 6A) tbaycan@gmu.edu
BERCK, P. (4B)
BERMAN, M. (5F, 6D) matthew.berman@uaa.alaska.edu
BERNHARD, I. (1D, 2D) irene.bernhard@hv.se
BAY, B. (1E, 2C) beyers@u.washington.edu
BROWN, W.M. (1A, 2D) mark.brown@statcan.ca
BROWN, S. (1G) spa.brown@unlv.edu
BROOKER, M. (1A, 2D)
BURKEY, M. (1A)

~C~

CARRULL, T. (1B, 2F) mcarrol@bgnet.bgsu.edu
CARRUTHERS, J.I. (1B, 3F, 4F) jiec@gwu.edu
CEAPRAZ, L. (5E, 6C) ceaprazlucian@yahoo.com
CHEN, F. (4E) chenf@ncu.edu.cn
CHENG, S. (3E, 4C, 4C) scheng@fiu.edu
CHERVACHIDZE, S. (3D)
CHO, D. (1B)
CHO, H. (1E)
CHO, J. (1F, 2C) joongkoo.cho@gmail.com

~D~

DALL’ERBA, S. (4E) dallerba@email.arizona.edu
DANA, L.P. (4A)
DAUTH, W. (5E, 6C) wolfgang.dauth@iab.de
DAVENPORT, F. (1B)
DE LA MATA, T. (1D, 2F) tamara.damata@eams.edu
DEPAOLIS, F.J. (3D, 5C, 6E) fdepaolis@miis.edu
DESPARDINS, P.M. (5F, 6D)
DICK, R.M. (3F)
DIMOU, M. (3C, 3C) dimou@univ-reunion.fr
DOLOREUX, D. (4C)

~E~

EAKIN, H. (1B) hallie.eakin@asu.edu
ECKERT, A. (1D, 4F) andrew.eckert@ualberta.ca
EGGER, P. (3A)
EISEN, H.A. (3A, 6A) haieisen@ubn.ca
ELIASSON, K. (2A, 3C) kent.eliasson@tillvaxanalys.se

~F~

FADALI, E. (2C)
FAGGIAN, A. (3C, 5D) a.faggian@soton.ac.uk
FAGIOLO, P. (2E)
FAN, Y.H. (1F, 3F) yhfan@ntu.edu.tw
FARRELL, L.M. (2F, 3F) michael_farrell@uqtr.ca
FOLMER, H. (1E, 2A, 4E) henk.folmer@uw.nl
FOUETE, T. (2F, 3F) foute@uwwy.edu
FRANKLIN, R.S. (1F, 2A, 4F) rachellfranklin@brown.edu

~G~

GALLEGO LÓPEZ, N. (3A, 6C) nuria.gallego@uam.es
GEIGER, M. (2E)
Western Regional Science Association

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50th 2009–2010 David W. Holland
51st 2010–2011 Robert J. Stimson
52nd 2011–2012 Warren Gill
Submitting 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*.

Two of the three coeditors, Euijune Kim and Janet Kohlhase, are participating at the conference and will be happy to discuss potential submissions.

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Meeting Room Locations at the Monterey Plaza

Thanks to the 2010–2011 Program Committee!

Rachel Franklin, Brown Univ.,
Tim Hogan, Arizona State Univ.
Lee Huskey, Univ. Alaska, Anchorage
Jaewon Lim, Univ. Arizona
Rich Wobbekind, Univ. Colorado, Boulder

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Our Conference Venue:
The Monterey Plaza Hotel & Spa
400 Cannery Row
Monterey, CA 93940 USA
Phone: (831) 646-1700