



Western Regional Science Association

52nd Annual Meeting

Fess Parker's Doubletree Resort, Santa Barbara, California February 24–27, 2013

Welcome to Santa Barbara! Our 52nd annual meeting program has lots to offer over the next three days.

Along with the conference program, your meeting packet should contain your name badge and three colored event tickets. Hold on to those tickets! As always, there have been some late program changes. In particular, be aware that Monday and Tuesday's sessions commence at 8:30 AM and Wednesday's at 8 AM, to make space for several 5-paper sessions. Please be sure to confirm your session assignments and to orient yourself to meeting room locations. The back page of the program has a handy map of the Fess Parker Doubletree meeting room area, and session and event locations are noted throughout the program. The Program Participant Locator (pages 19-22) will help you determine which sessions you have been assigned to. In addition, please take a few minutes to read through WRSA session etiquette guidelines on Page 4.

Aside from paper and panel sessions, we have organized a number of additional events for your entertainment (and edification) this year. The meeting opens with the 3rd Annual Lay James Gibson Plenary Session in the San Rafael Ballroom. This year's speaker, Stuart Sweeney, will address a topic near and dear to his heart and to the coastal California region. Following the Plenary, all are invited to the Welcoming Reception, which will be held in the Santa Ynez Ballroom. Your PURPLE ticket is good for a first drink from the bar. Naturally, beverages will also be available on a cash basis.

This year WRSA is adding a new plenary to the program: The Getis-Ord Lecture in Spatial Analysis. The inaugural lecture will be given on Monday afternoon by J. Keith Ord, well known for his work on spatial statistics with longtime WRSA member, Art Getis. The lecture will be followed by an informal, celebratory reception in the Reagan Room. Use the insert in your plenary program for a complimentary drink!

WRSA's Annual Banquet Luncheon will be held on Tuesday in the Reagan Room and will feature Hans Westlund's Presidential Address. The winner of the annual Tiebout competition will also be announced at the Luncheon. Use your ORANGE ticket to be seated at the luncheon; no ticket, no seat! On Tuesday evening, join us in the Reagan Room again for the Presidential Reception, hosted by Hans Westlund, reigning WRSA President. Your RED ticket can be used for a first drink. Additional drinks may be purchased from the bar.

Now all that's left to say is: Best of luck for a terrific meeting and an enjoyable stay in Santa Barbara!



Sunday, February 24

2:00–6:00 PM, **Registration** (San Rafael Foyer)

3:30–5:15 PM, **Plenary Opening Session**
(San Rafael Ballroom)

5:30–7:00 PM, **Welcoming Reception**
(Santa Ynez Ballroom)

Sunday, 3:30–5:15 PM
San Rafael Ballroom

The 3rd Annual Lay James Gibson Plenary Opening Session



Chair: Lay James GIBSON, Univ. Arizona, Tucson, USA
and 39th WRSA President (1998–1999)

"Dude, Where's My Blank?"
Surfboard Manufacturing in Slippery Space
Stuart SWEENEY, Univ. California, Santa Barbara, USA

Discussant: David L. RIGBY, Univ. California,
Los Angeles, USA



Sunday, 5:30–7:00 PM

Welcoming Reception Santa Ynez Ballroom

*For all participants and accompanying persons:
Everyone welcome!*



Monday, February 25

8:00 AM–12:15 PM (and 1:15–5:30 PM),

Registration (Santa Barbara Foyer)

8:30–12:00 PM, **Concurrent Sessions:**

- 1A Economic Change and Outcomes (Anacapa West)
- 1B Innovation (Anacapa East)
- 1C Modeling Regional Economies (Santa Cruz West)
- 1D Firms and Workers (Santa Cruz East)
- 1E Exploring Socio-Spatial Dichotomies (Santa Rosa West)

8:30–10:00 AM, **WRSa Board Meeting** By invitation only
(San Miguel West)

10:00–10:30 AM, **Coffee Break** (Santa Barbara Foyer)

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

12:15–1:30 PM, **Annals of Regional Science**

Editorial Board Meeting By invitation only
(San Miguel East)

1:15–5:30 PM, **Registration Continues**
(Santa Barbara Foyer)

1:30–4:45 PM, **Concurrent Sessions:**

- 2A Environmental Impacts & Responses (Anacapa West)
- 2B The Keith Schwer Memorial Western States Economic Outlook (Anacapa East)
- 2C Firm Formation and Innovation (Santa Cruz West)
- 2D Land Markets and Development (Santa Cruz East)
- 2E Water Resource Management (Santa Rosa West)
- 2F Residential Mobility (Santa Rosa East)
- 2G Location and Route Modeling (San Miguel West)
- 2H Entrepreneurship and Small Business (San Miguel East)

3:00–3:15 PM, **Coffee Break** (Santa Barbara Foyer)

5:00–7:30 PM

Inaugural Getis-Ord Lecture in Spatial Analysis
(Sierra Madre Ballroom)



Monday, 8:30 AM–12:00 PM
Paper Session 1A ~ Anacapa West
Economic Change and Outcomes

Chair: George HAMMOND, Univ. Arizona, Tucson, USA

8:30–9:15

Regional paths of productivity growth: Comparing Indonesia and China

Wayan Widya ARSANA, Univ. Western Australia, Perth

Discussant: Tina WALLIN, Jönköping International Business School, Sweden

9:15–10:00

Rethinking priority development zones: A spatial analysis of multidimensional poverty in Mexico

Myrna L. SASTRÉ GUTIÉRREZ, Hada M. SÁENZ VELA, and Victor M. GERÓNIMO ANTONIO, Univ. Coahuila, Mexico

Discussant: Maria PLOTNIKOVA, Aberystwyth University, Wales, United Kingdom

10:00–10:30, **Coffee Break**

10:30–11:15

Free labor mobility in NAFTA: A policy to eliminate illegal immigration

Harry W. RICHARDSON and Irma BECERRA, Univ. Southern California, Los Angeles, USA

Discussant: Özge ÖNER, Jönköping International Business School, Sweden

11:15–12:00

Social networks/social capital and the intergenerational mobility of the sons and daughters of U.S. immigrants

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

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



Monday, 8:30 AM–12:00 PM
Paper Session 1B ~ Anacapa East
Innovation

Chair: Tüzün BAYCAN, Istanbul Technical Univ., Turkey

8:30–9:15

Explaining spin-off success: Does the occupational background play a role?

Sierdjan KOSTER, Univ. Groningen, The Netherlands, and Martin ANDERSSON, Lund Univ., Sweden

Discussant: Zoltan ACS, George Mason Univ., Fairfax, Virginia, USA

9:15–10:00

Innovation in Brazil: Local factors, spatial, and non-spatial proximity

Veneziano DE CASTRO ARAUJO and Renato GARCIA, Univ. São Paulo, Brazil

Discussant: Stein ØSTBYE, Tromsø Univ., Norway

10:00–10:30, **Coffee Break**

10:30–11:15

Bridging firm's innovation, productivity and export: An analysis using CIS data

Viroj JIENWATCHARAMONGKHOL, Lund Univ., and Mohammad H. TAVASSOLI, Blekinge Inst. Technology, Karlskrona, Sweden

Discussant: Heather M. STEPHENS, California State Univ., Long Beach, USA

11:15–12:00

The role of knowledge variety and intensity for regional innovative capability: Swedish evidence

Mohammad H. TAVASSOLI, Blekinge Inst. Technology, Karlskrona, Sweden, and Nunzia CARBONARA, Politecnico di Bari, Italy

Discussant: Hans LÖÖF, Royal Inst. Technology, Stockholm, Sweden



Monday, 8:30–10:00 AM
WRSa Board Meeting
(By invitation only)

San Miguel West

Convenor: Rachel Franklin,
Brown Univ., Providence, Rhode Island, USA,
and WRSa Executive Director



Monday, 8:30 AM–12:00 PM
Panel Session 1C ~ Santa Cruz West
Modeling Regional Economies

Chair: Yoshiro HIGANO, Univ. Tsukuba,
 Tsukuba, Japan

8:30–9:15

Explaining regional changes in employment

Roland ANDERSSON, Royal Inst. Technology, Svante
 MANDELL, Swedish National Road and Transport Research
 Inst., and Mats WILHELMSSON, Royal Inst. Technology,
 Sweden

Discussant: Dilini HEMACHANDRA, Univ. Hawaii, Manoa,
 USA

9:15–10:00

**An integrated econometric input-output model for impact
 analysis of structural shifts in a region in transition: A case
 study of the Illawarra**

Ashkan MASOUMAN, Univ. Wollongong, Australia

Discussant: Man-Keun KIM, Utah State Univ., Logan, USA

10:00–10:30, *Coffee Break*

10:30–11:15

**Propagation of economic impacts in multi-region input-output
 models (MRIO) using IMPLAN**

Fernando DePAOLIS, Monterey Inst. International Studies,
 California, USA

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

11:15–12:00

**Structural change in the Washington economy: Evidence from
 eight input-output models**

William B. BEYERS, Univ. Washington, and Ta-Win LIN, Office
 Financial Management, State of Washington, Seattle, USA

Discussant: Carlianne PATRICK, Georgia State Univ.,
 Atlanta, USA



Monday, 8:30 AM–12:00 PM
Paper Session 1D ~ Santa Cruz East
Firms and Workers

Chair: Sultana SABIA, King Fahd Univ. Petroleum and Minerals,
 Dhahran, Saudi Arabia

8:30–9:15

**Urban wage premium and the role of education: Identification
 of agglomeration effects for Norway**

Fredrik CARLSEN, Jørn RATTSØ, and Hildegunn E. STOKKE,
 Norwegian Univ. Science and Technology, Trondheim

Discussant: Ana Isabel MORENO-MONROY, Univ.
 Groningen, The Netherlands

9:15–10:00

**Distance-decay in labor market matching: Empirical evidence
 on clustering within metropolitan regions**

Johan P. LARSSON, Jönköping International Business School,
 Sweden

Discussant: Chenxi YU, Univ. Illinois, Urbana-Champaign,
 USA

10:00–10:30, *Coffee Break*

10:30–11:15

**Entry in the Swedish wholesale trade sector: Do market
 definitions matter?**

Daniel BRANDT, Zuzana MACUCHOVA, and Niklas
 RUDHOLM, Univ. Dalarna, Sweden

Discussant: Hildegunn E. STOKKE, Norwegian Univ.
 Science and Technology, Trondheim

11:15–12:00

**Minimum wage impacts on firm location choice: Evidence from
 state borders**

Karl GEISLER, Univ. Nevada, Reno, USA

Discussant: Anna Maria PINNA, Univ. Cagliari, Italy



Monday, 8:30 AM–12:00 PM
Paper Session 1E ~ Santa Rosa West
Exploring Socio-Spatial Dichotomies

Chair: Antoine BAILLY, Univ. Genève, Switzerland

8:30–9:15

**Sources of income as a segment for economic development
 strategies: The Douglas County, Nevada example**

Thomas R. HARRIS, Univ. Nevada, Reno, Gary SMITH,
 Washington State Univ., Pullman, Jeffery STROUP, and Mark W.
 NICHOLS, Univ. Nevada, Reno, USA

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

9:15–10:00

The incidence of elder abuse in twenty-nine Canadian CMAs

L. Michael FARRELL, Univ. Québec, Trois-Rivières, Canada

Discussant: Larry KLEITCHES, Texas State Univ., San
 Marcos, USA

10:00–10:30, *Coffee Break*

10:30–11:15

**Challenging cultural barriers? Big jumps in women's
 representation in national parliaments**

Amy C. ALEXANDER, Georg-August-Univ., Göttingen,
 Germany

Discussant: Hans WESTLUND, Royal Inst. Technology,
 Stockholm and Jönköping International Business School,
 Sweden

11:15–12:00

**Translating the local and the global: An early-stage experiment
 in remote rural regional cultural economy via planned
 intelligent development—Fogo Island, Newfoundland**

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

Discussant: Irving LLAMOSAS-ROSAS, Univ. Arizona,
 Tucson, USA

Monday, 12:00–1:30 PM

Lunch Break (On your own this day)



Monday afternoon program continues on page 4...



Monday, 1:30–4:45 PM
Paper Session 2A ~ Anacapa West

Environmental Impacts and Responses

Chair: Nina GRUEN, Gruen Gruen + Associates,
 San Francisco, California, USA

1:30–2:15

Estimating the strength of age-structure and economic base in U.S. county-level CO₂ emissions

Tyler ROBERTS, Univ. Colorado, Boulder, USA

Discussant: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

2:15–3:00

How does residential density affect transportation emissions: A reexamination by addressing spatial autocorrelation and self-selection

Jinhyun HONG and Qing SHEN, Univ. Washington, Seattle, USA

Discussant: Heonsoo PARK, Chung-Ang Univ., Korea

3:00–3:15, Coffee Break

3:15–4:00

Impact of great East Japan earthquake on local industries and its implication for resilient supply chains

Nobuaki HAMAGUCHI, Kobe Univ., Japan

Discussant: Ashkan MASOUMAN, Univ. Wollongong, Australia

4:00–4:45

Influence of climate and socio-economic factors on long-term changes in rice total factor productivity in Japan: Evidence from a panel data analysis

Yoji KUNIMITSU, National Agriculture and Food Research Org., Toshichika IIZUMI, and Masayuki YOKOZAWA, National Inst. Agro-Environmental Science, Japan

Discussant: Jinhyun HONG, Univ. Washington, Seattle, USA



Monday, 1:30–4:45 PM
Panel Session 2B ~ Anacapa East

The Keith Schwer Memorial

Western States Economic Outlook

(Cosponsored by AUBER)

Chair: Richard WOBBEKIND, Univ. Colorado, Boulder, USA

Arizona

George HAMMOND, Univ. Arizona, Tucson, USA

California

Esmel ADIBI, Chapman Univ., Orange, California, USA

Colorado

Richard WOBBEKIND, Univ. Colorado, Boulder, USA

3:00–3:15, Coffee Break

Montana

Paul POLZIN, Univ., Montana, Missoula, USA

Nevada

Stephen BROWN, Univ. Nevada, Las Vegas, USA

Washington

R. Pete PARCELLS, Whitman College, Walla Walla, Washington, USA



Monday, 1:30–4:45 PM
Paper Session 2C ~ Santa Cruz West

Firm Formation and Innovation

Chair: Peter FRIEDRICH, Univ. Tartu, Estonia

1:30–2:15

Two faces of persistent exporters: Innovative and non-innovative firms

Hans LÖÖF and Pardis Nabavi LARIJANI, Royal Inst.

Technology, Stockholm, Sweden

Discussant: Veneziano DE CASTRO ARAUJO, Univ. São Paulo, Brazil

2:15–3:00

Internal and external knowledge–Innovation of export varieties

Börje JOHANSSON, Sara JOHANSSON, and Tina WALLIN,

Jönköping International Business School, Sweden

Discussant: Viroj JIENWATCHARAMONGKHOL, Lund Univ., Sweden

3:00–3:15, Coffee Break

3:15–4:00

On proximity and open innovation: An empirical analysis

Mikko MOILANEN, Stein ØSTBYE, and Kristin WOLL, Tromsø

Univ., Norway

Discussant: Martin ANDERSSON, Lund Univ., Sweden

4:00–4:45

Accessibility to knowledge and clustering patterns of new firms

Tüzin BAYCAN, Istanbul Technical Univ., Turkey, and Özge

ÖNER, Jönköping International Business School, Sweden

Discussant: Mohammad H. TAVASSOLI, Blekinge Inst. Technology, Karlskrona, Sweden

Notes on Session Format and Etiquette

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





Monday, 1:30–4:45 PM
Paper Session 2D ~ Santa Cruz East
Land Markets and Development

Chair: Janet E. KOHLHASE,
 Univ. Houston, Texas, USA

1:30–2:15

Impacts of transit-oriented developments (TOD) and mixed use centers (MUC) on housing values: A study in Dallas-Fort Worth Metroplex

Ardeshir ANJOMANI and Pratap MANDAPAKA, Univ. Texas, Arlington, USA

Discussant: Jaewon LIM, Univ. Nevada, Las Vegas

2:15–3:00

Time is money: An empirical examination of the dynamic effects of regulatory uncertainty on residential subdivision development

Douglas H. WRENN, Ohio State Univ., Columbus, USA

Discussant: Ralph B. McLAUGHLIN, San José State Univ., California, USA

3:00–3:15, Coffee Break

3:15–4:00

Supply constraint: Challenges of land governance in Dhaka

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

Discussant: Prahlad KASTURI, Radford Univ., Virginia, USA

4:00–4:45

How properly were development sites designated? Matching spatial demand and supply for urban land development: The case of Ulsan Metropolitan City, Korea

Jae Ik KIM, Keimyung Univ., Daegu, Chang-Hwan YEO, Dong-A Univ., Busan, Hyun-Wook CHUNG, Ulsan Development Inst., and Anna SEO, Keimyung Univ., Daegu, Korea

Discussant: Mark W. NICHOLS, Univ. Nevada, Reno, USA



Monday, 1:30–4:45 PM
Paper Session 2E ~ Santa Rosa West
Water Resource Management

Chair: Michael C. CARROLL,
 Bowling Green State Univ., Ohio, USA

1:30–2:15

Impacts and benefit of prior appropriations-based water calls: A constrained nested CGE analysis

Philip WATSON and R. Garth TAYLOR, Univ. Idaho, Moscow, USA

Discussant: Taka Aki OKUDA, Chubu Region Inst. Social and Economic Research, Japan

2:15–3:00

Effectiveness of conservation pricing in reducing residential water demand: Evidence from increasing block rate structures

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

Discussant: Makena COFFMAN, Univ. Hawaii, Manoa, USA

3:00–3:15, Coffee Break

3:15–4:00

Economic evaluation of water services in agricultural irrigation canals: A case study of the Aichi Irrigation Project

Katsuhiro SAKURAI, Risscho Univ., Ataru NAKAMURA, Univ. Tokyo, Hiroyuki SHIBUSAWA, Toyohashi Univ. Technology, and Hajime TANJI, National Inst. Rural Engineering, Tokyo, Japan

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

4:00–4:45

Total regional economic losses from water supply disruptions to the Los Angeles County economy

Adam ROSE, Univ. Southern California, Ian SUE WING, Boston Univ., Massachusetts, Dan WEI, and Misak AVETISYAN, Univ. Southern California, Los Angeles, USA

Discussant: Fernando DePAOLIS, Monterey Inst. International Studies, California, USA



Monday, 1:30–4:45 PM
Paper Session 2F ~ Santa Rosa East
Residential Mobility

Chair: Simon CHOI, Southern California Assoc. Governments, Los Angeles, USA

1:30–2:15

Moving shop: Residential and business relocation by self-employed graduates

Sierdjan KOSTER and Viktor VENHORST, Univ. Groningen, The Netherlands

Discussant: Sofia TANO, Umeå Univ., Sweden

2:15–3:00

Residential and job mobility: Interregional variations and their interplay in U.S. metropolitan areas

Jae Hong KIM, Univ. California, Irvine, USA

Discussant: Svante MANDELL, Swedish National Road and Transport Research Inst., Sweden

3:00–3:15, Coffee Break

3:15–4:00

Is it wages or consumption: What drives families and households to move?

Martin KORPI, Stockholm School Economics, Sweden, and William A.V. CLARK, Univ. California, Los Angeles, USA

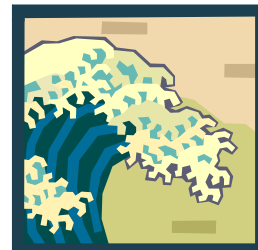
Discussant: Annekatrin NIEBUHR, Inst. Employment Research, Kiel, Germany

4:00–4:45

Residence, workplace, and commuter mode choices of Seoul's dual-worker households

Myung-Jin JUN and Ki-Hyun KWON, Chung-Ang Univ., Korea

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



Monday afternoon program continues on page 6...



Monday, 1:30–4:45 PM

Paper Session 2G ~ San Miguel West
Location and Route Modeling

Chair: Alan T. MURRAY, Arizona State Univ., Tempe, USA

1:30–2:15

Spatial uncertainty challenges in location modeling with dispersion requirements

Ran WEI and Alan T. MURRAY, Arizona State Univ., Tempe, USA

Discussant: F. Antonio MEDRANO, Univ. California, Santa Barbara, USA

2:15–3:00

An efficient heuristic for solving the Pareto-frontier of a bi-objective shortest path problem

F. Antonio MEDRANO and Richard L. CHURCH, Univ. California, Santa Barbara, USA

Discussant: Daoqin TONG, Univ. Arizona, Tucson, USA

3:00–3:15, Coffee Break

3:15–4:00

Putting a price on politics as usual: Rural air transport in the United States

Tony H. GRUBESIC, Drexel Univ., Philadelphia, Pennsylvania, Alan T. MURRAY, Arizona State Univ., Tempe, and Timothy C. MATISZIW, Univ. Missouri, Columbia, USA

Discussant: Chaug-Ing HSU, National Chiao Tung Univ., Taiwan

4:00–4:45

Dynamic choice behavior of the passenger and the airline's marketing strategy

Chaug-Ing HSU, National Chiao Tung Univ., Hui-Chieh LI, Ta Hwa Inst. Technology, and Tzu-Hsuan CHIANG, National Chiao Tung Univ., Taiwan

Discussant: Matthew R. NIBLETT, Univ. California, Santa Barbara, USA



Monday, 1:30–4:45 PM

Paper Session 2H ~ San Miguel East
Entrepreneurship and Small Business

Chair: Terry L. CLOWER, Univ. North Texas, Denton, USA

1:30–2:15

The rise and fall of small businesses during economic development: Evidence from Chinese cities

Luisa Victoria Euse GIRALDO, Ana Isabel MORENO-MONROY, and Shu YU, Univ. Groningen, The Netherlands

Discussant: Wayan Widya ARSANA, Univ. Western Australia, Perth

2:15–3:00

The challenges facing local farms: A case study of Hawaii's vegetable sector

Shawn ARITA, Dilini HEMACHANDRA, and PingSun LEUNG, Univ. Hawaii, Manoa, USA

Discussant: Donghwan AN, Seoul National Univ., Korea

3:00–3:15, Coffee Break

3:15–4:00

Localized competition in the knowledge spillover theory of entrepreneurship

Lawrence A. PLUMMER, Univ. Oklahoma, Norman, and Zoltan ACS, George Mason Univ., Fairfax, Virginia, USA

Discussant: Sergio J. REY, Arizona State Univ., Tempe, USA

4:00–4:45

Industrial structure and new firm formation: Shift-share decomposition and regional clustering

Maria PLOTNIKOVA and Andrew HENLEY, Aberystwyth University, Wales, United Kingdom

Discussant: Eveline VAN LEEUWEN, VU Univ., Amsterdam, The Netherlands

5:00–7:30 PM

Sierra Madre Ballroom

Getis-Ord Lecture in Spatial Analysis

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

Spatial Statistics: From Bristol to Santa Barbara

J. Keith ORD, Georgetown Univ., Washington, DC, USA

Discussant: Sergio J. REY, Arizona State Univ., Tempe, USA

A reception in the Reagan Room will follow the lecture

All session attendees welcome!

WRSa Confirms Plans to Meet in Paradise in 2014...

Haven't had your fill of southern California in February? That's good because we're coming back next year! WRSa's 53rd Annual Meeting will be held February 16–19, 2014 at the Paradise Point Resort and Spa. For this meeting, we've negotiated a room rate of \$199/night plus tax. Longtime WRSa members may remember this hotel: it used to be the Vacation Village Hotel. Paradise Point has a true resort feel to it and is only minutes from downtown San Diego. The property is quite walkable and features multiple pools and kid-friendly beaches. In fact, as many familiar with the hotel will tell you, this is a great location for a family mini-break. There are even bonfire pits on the beach for roasting marshmallows!

Mark your calendars now for the 53rd annual meeting and don't forget the traditional October 15th paper submission deadline! As with this year's meeting, the program starts on a Sunday with the Gibson Opening Plenary and Welcoming Reception and is followed by three full days of sessions on Monday, Tuesday, and Wednesday.

Further meeting details will be announced in the Spring and Fall *Newsletters* and on the WRSa website and Facebook page. We hope to see you there!



Tuesday, February 26

8:00 AM–12:15 PM (and 2:15–6:00 PM),

Registration (Santa Barbara Foyer)

8:30 AM–12:00 PM, **Concurrent Sessions:**

- 3A** Areal Aggregations and Interactions: Some Methodological Considerations (Anacapa West)
- 3B** Evaluating Agricultural Threats (Anacapa East)
- 3C** Topics in Regional Science (Santa Cruz West)
- 3D** Remote Regions I: Changing Mobility in Northern Sparsely Populated Areas (Santa Cruz East)
- 3E** Urban Change and Structure (Santa Rosa West)
- 3F** Transportation, Environment, and Planning (Santa Rosa East)
- 3G** Local and Regional Economic Performance (San Miguel West)
- 3H** Spatial Models: Advances and Innovations (San Miguel East)

10:00–10:30 AM, **Coffee Break** (Santa Barbara Foyer)

12:15–2:15 PM, **Annual Banquet Luncheon**
(Reagan Room)

2:15–6:00 PM, **Registration Continues**
(Santa Barbara Foyer)

2:30–5:45 PM, **Concurrent Sessions:**

- 4A** Natural Resource & Land Use Mgmt. (Anacapa West)
- 4B** Communications & Economic Dev't (Anacapa East)
- 4C** Location and Service Provision (Santa Cruz West)
- 4D** Remote Regions II: Economic Development of the North (Santa Cruz East)
- 4E** Housing and Land Markets (Santa Rosa West)
- 4F** Determinants of Housing Values and Rents (Santa Rosa East)

4:00–4:15 PM, **Coffee Break** (Santa Barbara Foyer)

6:00–7:30 PM, **President's Reception** (Reagan Room)



Tuesday, 8:30 AM–12:00 PM
Paper Session 3A ~ Anacapa West
Areal Aggregations and Interactions:
Some Methodological Considerations

Chair: Alan T. MURRAY, Arizona State Univ., Tempe, USA
8:30–9:15

Measuring societal separation and segregation: Theoretical considerations and practical approaches

William A.V. CLARK, Univ. California, Los Angeles, USA, John OSTH, and Bo MALMBERG, Stockholm Univ., Sweden

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

9:15–10:00

Delineation of spatially integrated regions: An inter-person distance approach

Daoqin TONG, David A. PLANE, Univ. Arizona, Tucson, and Ting LEI, Univ. South Carolina, Columbia, USA

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

10:00–10:30, *Coffee Break*

10:30–11:15

Are non-contiguous administrative areas a feasible solution to the spatial delineation problem in the definition of internal migration?

Thomas NIEDOMYSL, Lund Univ., Urban FRANSSON, and Ulf ERNSTSON, Gothenburg Univ., Sweden

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

11:15–12:00

An optimization model for the P-Compact-Regions Problem and its application to regional economic modeling

Wenwen LI, Arizona State Univ., Tempe, Richard L. CHURCH, and Michael F. GOODCHILD, Univ. California, Santa Barbara, USA

Discussant: Tony H. GRUBESIC, Drexel Univ., Philadelphia, Pennsylvania, USA



Tuesday, 8:30 AM–12:00 PM
Paper Session 3B ~ Anacapa East
Evaluating Agricultural Threats

Chair: Shawn ARITA, Univ. Hawaii, Manoa, USA

8:30–9:15

An invasive-species subsidy and tournament under uncertainty

Yanxu LIU and Arthur CAPLAN, Utah State Univ., Logan, USA

Discussant: Chang K. SEUNG, National Marine Fisheries Service, Seattle, USA

9:15–10:00

Factor scarcity and its implications for agricultural trade: The case of the fresh fruit and vegetable sectors in Hawai'i

Dilini HEMACHANDRA, Univ. Hawaii, Manoa, USA

Discussant: Zuzana MACUCHOVA, Univ. Dalarna, Sweden

10:00–10:30, *Coffee Break*

10:30–11:15

The impact of climate change on agriculture in the southwest United States: The Ricardian approach revisited

Sandy DALL'ERBA and Francina DOMINGUEZ, Univ. Arizona, Tucson, USA

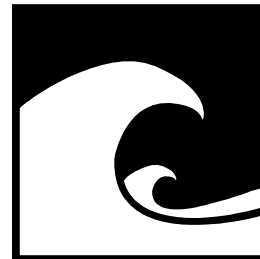
Discussant: Philip WATSON, Univ. Idaho, Moscow, USA

11:15–12:00

A regional evaluation of economies of scope in the context of technical inefficiency: An empirical application to rice and vegetable farms in Korea

Kwansoo KIM and Donghwan AN, Seoul National Univ., Korea

Discussant: Nobuaki HAMAGUCHI, Kobe Univ., Japan



Tuesday morning program continues on page 8...



Tuesday, 8:30 AM–12:00 PM
Paper Session 3C ~ Santa Cruz West
Topics in Regional Science

Chair: Jack OSMAN, San Francisco State Univ., California, USA
 8:30–9:15

Geography and the redirection of civilization: The role of “water autonomy” and “disease security”

Christian WELZEL, Leuphana Univ., Lüneburg, Germany
 Discussant: Roger R. STOUGH, George Mason Univ.,
 Fairfax, Virginia, USA

9:15–10:00

Measuring insularity as a state of nature

Anna Maria PINNA and Vania LICIO, Univ. Cagliari, Italy
 Discussant: Gordon F. MULLIGAN, Univ. Arizona, Tucson,
 USA

10:00–10:30, Coffee Break

10:30–11:15

Regional engagement or knowledge commercialization? A comparison of university faculty norms in the U.S. and Europe

Harvey GOLDSTEIN, MODUL Univ., Vienna, Edward
 BERGMAN, and Gunther MAIER, Vienna Univ., Austria
 Discussant: Roger R. STOUGH, George Mason Univ.,
 Fairfax, Virginia, USA

11:15–12:00

Collaboration networks in regional science: An analysis of co-authorship patterns in the International Regional Science Review, 1975–2011

Neil REID, Univ. Toledo, Bruce W. SMITH, Bowling Green State Univ., Paula ROSS, and Michael MOORE, Univ. Toledo, Ohio, USA

Discussant: Euijune KIM, Seoul National Univ., Korea



Tuesday, 8:30 AM–12:00 PM
Paper Session 3D ~ Santa Cruz East
Remote Regions I:

Changing Mobility in Northern Sparsely Populated Areas

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

8:30–9:15

Arctic diasporas and potentials for two-way mobility

Rasmus Ole RASMUSSEN, Nordregio, Sweden
 Discussant: Ken COATES, Univ. Saskatchewan, Saskatoon,
 Canada

9:15–10:00

Gendered analysis of migration trends in northern sparsely populated areas (NSPA)

Lisbeth Greve HARBO, Nordregio, Sweden
 Discussant: Gérard DUHAIME, Univ. Laval, Canada

10:00–10:30, Coffee Break

10:30–11:15

Ageing, mobile population–Demographic challenges in the Northern sparsely populated areas of Europe

Johanna ROTO, Nordregio, Sweden
 Discussant: Matthew BERMAN, Univ. Alaska, Anchorage,
 Alaska, USA

11:15–12:00

Uneven gender out-migration from rural areas: Unutilised potentials for women’s entrepreneurship?

Lise Smed OLSEN, Nordregio, Sweden
 Discussant: Lee HUSKEY, Univ. Alaska, Anchorage, USA



Tuesday, 8:30 AM–12:00 PM
Paper Session 3E ~ Santa Rosa West
Urban Change and Structure

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

8:30–9:15

New economic indexes for Las Vegas, Nevada

Ryan T. KENNELLY, Univ. Nevada, Las Vegas, USA
 Discussant: Thomas R. HARRIS, Univ. Nevada, Reno, USA

9:15–10:00

The effects of accessibility on urban spatial structure: The case of Seoul metropolitan region, Korea

Jae Ik KIM, Keimyung Univ., Myung-Jin JUN, Chung-Ang Univ.,
 Jin-Hwi KWON, Busan Development Inst., and Hee-Jae KIM,
 Chung-Ang Univ., Korea
 Discussant: Fredrik KOPSCH, Royal Inst. Technology,
 Stockholm, Sweden

10:00–10:30, Coffee Break

10:30–11:15

Economic relationships between urban employment centers: A directional density function approach

Steven G. CRAIG, Janet E. KOHLHASE, and Adam W.
 PERDUE, Univ. Houston, Texas, USA

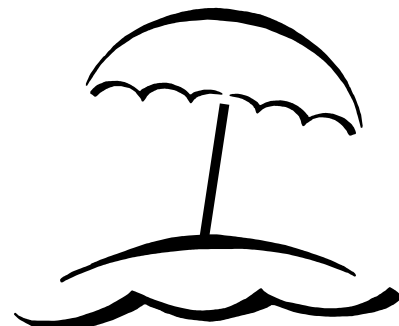
Discussant: Qian AN, Univ. Southern California, Los
 Angeles, USA

11:15–12:00

Spatial autocorrelation in China’s urban growth patterns

Alexandra SCHAFFAR and Michel DIMOU, Univ. Toulon,
 France

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





Tuesday, 8:30 AM–12:00 PM
Paper Session 3F ~ Santa Rosa East
Transportation, Environment, and Planning
*(co-organized with the International Association
 for China Planning, IACP)*

Organizer and Chair: Qisheng PAN,
 Texas Southern Univ., Houston, USA

8:30–9:15

***Variation in capitalization rate of transit accessibility:
 Technological difference or development context?***

Ming ZHANG, Univ. Texas, Austin, USA, and Lanlan WANG,
 Central Univ. Finance and Economics, Beijing,

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

9:15–10:00

***Urban growth and transportation development patterns for
 China's urban transition***

Qisheng PAN, Texas Southern Univ., Houston, USA

Discussant: Ming ZHANG, Univ. Texas, Austin, USA

10:00–10:30, *Coffee Break*

10:30–11:15

***The heterogeneous effects of gasoline taxes: Why where we live
 matters***

Elisheba SPILLER, Resources for the Future, Washington, DC,
 and Heather M. STEPHENS, California State Univ., Long Beach,
 USA

Discussant: Rafael GARDUÑO RIVERA, Centro de
 Investigación y Docencia Económicas, Mexico

11:15–12:00

***Neighborhood environment and health behavior in the Los
 Angeles area***

His-Hwa HU, Joongkoo John CHO, Guoxiong HUANG, Frank
 WEN, Simon CHOI, Amy LIGHTSTONE, and Margaret SHIH,
 Southern California Assoc. Governments, Los Angeles, USA

Discussant: Dongkwan LEE, Ohio State Univ., Columbus,
 USA



Tuesday, 8:30 AM–12:00 PM
Paper Session 3G ~ San Miguel West
Local and Regional Economic Performance

Chair: William B. BEYERS, Univ. Washington, Seattle, USA

8:30–9:15

Endogeneity of casinos and crime and regional economy

Man-Keun KIM, Utah State Univ., Logan, Arwin PANG, Feng
 Chia Univ., Taiwan, and Wei BAO, Utah State Univ., Logan,
 USA

Discussant: Elizabeth A. MACK, Arizona State Univ.,
 Tempe, USA

9:15–10:00

***The socioeconomic and fiscal impact of legalized casino
 gambling***

Mark W. NICHOLS and Mehmet Serkan TOSUN, Univ. Nevada,
 Reno, USA

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

10:00–10:30, *Coffee Break*

10:30–11:15

What do million dollar facilities really do?

Carlianne PATRICK, Georgia State Univ., Atlanta, USA

Discussant: Karl GEISLER, Univ. Nevada, Reno, USA

11:15–12:00

Accessibility and market potential analysis

Johan KLAESSON, Johan P. LARSSON, and Therese

NORMAN, Jönköping International Business School, Sweden

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



Tuesday, 8:30 AM–12:00 PM
Paper Session 3H ~ San Miguel East
Spatial Models: Advances and Innovations

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

8:30–9:15

***A Bayesian approach to identifying and interpreting regional
 convergence clubs in Europe***

Manfred M. FISCHER, Vienna Univ. Economics and Business,
 Austria, and James P. LeSAGE, Texas State Univ., San Marcos,
 USA

Discussant: Henk FOLMER, Univ. Groningen, The
 Netherlands

9:15–10:00

Fast algorithms for a space-time concordance measure

Sergio J. REY, Arizona State Univ., Tempe, USA

Discussant: James P. LeSAGE, Texas State Univ., San
 Marcos, USA

10:00–10:30, *Coffee Break*

10:30–11:15

***Hedonic price models with omitted variables and measurement
 errors: A constrained autoregression-structural equation
 modeling approach with application to urban Indonesia***

Yusep SUPARMAN, Univ. Padjadjaran, Indonesia, Henk
 FOLMER, Univ. Groningen, and Johan H.L. OUD, Radboud
 Univ., Nijmegen, The Netherlands

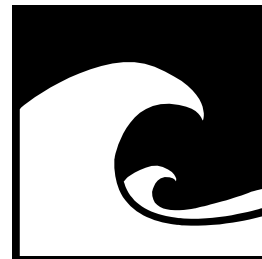
Discussant: Arthur GETIS, San Diego State Univ.,
 California, USA

11:15–12:00

***Public school consolidation: A partial observability spatial
 bivariate probit model***

David M. BRASINGTON and Olivier PARENT, Univ.
 Cincinnati, Ohio, USA

Discussant: David P. McARTHUR, Univ. Oslo, Norway





Tuesday, 12:15–2:15 PM
Annual Banquet Luncheon

Reagan Room

(For all registered and paid participants; tickets required)

Chair: Kingsley E. HAYNES
 George Mason Univ., Fairfax, Virginia, USA
 and 32nd WRSa President (1991–1992)

Announcements:

Rachel FRANKLIN, WRSa Executive Director

The Springer-Verlag Prize

Euijune KIM and Janet E. KOHLHASE
 Editors, *The Annals of Regional Science*

The 27th Charles M. Tiebout Prize

Presented by: Henk FOLMER
 2012–2013 Reading Committee

Presidential Address:

A Brief History of Time, Space, and Growth:
Waldo Tobler's First Law of Geography Revisited
 Hans WESTLUND, 54th WRSa President (2013–2014)

Discussant:

Waldo TOBLER, Univ. California, Santa Barbara, USA



Tuesday, 2:30–5:45 PM
Paper Session 4A ~ Anacapa West

Natural Resource and Land Use Management

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

2:30–3:15

Exploring the resilience of industrial ecosystems

Junming ZHU, Univ. Maryland, College Park, and Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

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

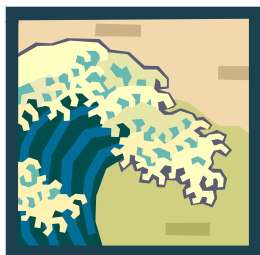
3:15–4:00

Adaptation to flooding in urban areas: An economic analysis

Eric J. HEIKKILA and Mylinh HUANG, Univ. Southern California, Los Angeles, USA

Discussant: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

4:00–4:15, Coffee Break



4:15–5:00

Structure of fisher (*Martes pennanti*) habitat in a managed forest in an interior Northern California coast range habitat
 Matthew R. NIBLETT, Stuart SWEENEY, Richard L. CHURCH, Univ. California, Santa Barbara, and Klaus BARBER, U.S. Forest Service, USA

Discussant: Junming ZHU, Univ. Maryland, College Park, USA

5:00–5:45

Estimating confidence intervals for regional economic impacts from recreational fishing expenditures in southern Alaska
 Chang K. SEUNG and Daniel K. LEW, National Marine Fisheries Service, Seattle, USA

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



Tuesday, 2:30–5:45 PM
Paper Session 4B ~ Anacapa East

Communications and Economic Development

Chair: Daniel ARRIBAS-BEL, VU Univ., Amsterdam, The Netherlands

2:30–3:15

Technology corridors and local economic development

Jaewon LIM, Univ. Nevada, Las Vegas, Lay James GIBSON, and Vera PAVLAKOVICH-KOCHI, Univ. Arizona, Tucson, USA

Discussant: Harvey GOLDSTEIN, MODUL Univ., Vienna, Austria

3:15–4:00

Economics of broadband internet subscriptions

Peter STENBERG, Economic Research Service, Washington, DC, USA

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

4:00–4:15, Coffee Break

4:15–5:00

Broadband internet and new firm formation: A U.S. perspective

Jitendra PARAJULI and Kingsley E. HAYNES, George Mason Univ., Fairfax, Virginia, USA

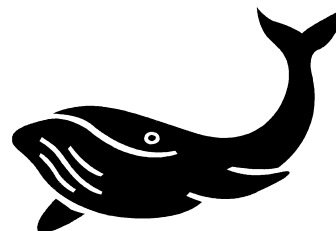
Discussant: Ki-Hyun KWON, Chung-Ang Univ., Korea

5:00–5:45

An econometric approach to evaluate regional variations in broadband linkages to knowledge intensive firms

Elizabeth A. MACK and Sergio J. REY, Arizona State Univ., Tempe, USA

Discussant: Yuting HOU, Univ. Southern California, Los Angeles, USA





Tuesday, 2:30–5:45 PM
Paper Session 4C ~ Santa Cruz West
Location and Service Provision

Chair: Katsuhiro SAKURAI, Risscho Univ., Japan

2:30–3:15

Expanding fire station service provision

Alan T. MURRAY, Arizona State Univ., Tempe, USA

Discussant: Srinath RAVULAPARTHY, Univ. California, Santa Barbara, USA

3:15–4:00

Location theory of public enterprises

Xiao FENG, Tongji Univ., Shanghai, China, and Peter

FRIEDRICH, Univ. Tartu, Estonia

Discussant: Jing YAO, Arizona State Univ., Tempe, USA

4:00–4:15, *Coffee Break*

4:15–5:00

Some spatial aspects of long-term care provision and ageing in Norway

David P. McARTHUR, Trond TIERBO, and Terje P. HAGEN, Univ. Oslo, Norway

Discussant: Johan P. LARSSON, Jönköping International Business School, Sweden

5:00–5:45

Evaluation of health care facility locations: A case study in rural Mozambique

Jing YAO and Alan T. MURRAY, Arizona State Univ., Tempe, USA

Discussant: Myrna L. SASTRÉ GUTIÉRREZ, Univ. Coahuila, Mexico



Tuesday, 2:30–5:45 PM
Paper Session 4D ~ Santa Cruz East
Remote Regions II:
Economic Development of the North

Chair: Andrew TAYLOR, Charles Darwin Univ., Australia

2:30–3:15

Economic stratification and living conditions in the Canadian arctic

Gérard DUHAIME and Roberson EDOUARD, Univ. Laval, Canada

Discussant: Lise Smed OLSEN, Nordregio, Sweden

3:15–4:00

Reverse cannot befall that fine prosperity? Revenue and resources around the Circumpolar North

Lee HUSKEY, Univ. Alaska, Anchorage, USA, and Chris SOUTHCOTT, Lakehead Univ., Canada

Discussant: Rasmus Ole RASMUSSEN, Nordregio, Sweden

4:00–4:15, *Coffee Break*

4:15–5:00

An idea whose time has come?: Importing natural gas to Alaska

Greg PROTASEL, Univ. Alaska, Anchorage, USA

Discussant: Gary WILSON, Univ. Northern British Columbia, Canada

5:00–5:45

When the globe was not flat: How World War II changed the world's economic, political and strategic shape for the first time

Terrence COLE, Univ. Alaska, Fairbanks, USA

Discussant: Andrew TAYLOR, Charles Darwin Univ., Australia



Tuesday, 2:30–5:45 PM
Paper Session 4E ~ Santa Rosa West
Housing and Land Markets

Chair: Theodore LANE, Thomas Lane & Associates, Seattle, WA, USA

2:30–3:15

Intra-metropolitan housing supply elasticity in Australia

Ralph B. McLAUGHLIN, San José State Univ., California, USA, Anthony SORENSEN, and Sonya GLAVAC, Univ. New England, Armidale, Australia

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

3:15–4:00

Transient vacation rentals (STRs) on Oahu

Thomas LOUDAT, TAL Assoc., Honolulu, Hawaii, and Prahlad KASTURI, Radford Univ., Virginia, USA

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

4:00–4:15, *Coffee Break*

4:15–5:00

Land development, search frictions, and city structure

Yasuhiro SATO, Osaka Univ., Japan, and Wei XIAO, Stockholm Univ., Sweden

Discussant: Anthony SORENSEN, Univ. New England, Armidale, Australia

5:00–5:45

Promises at the crossroads: Mixed results in the urban sampling of an expanding municipality

Larry KLEITCHES, Kelly LANGE, Robinson W. SUDAN, and Kyle FURTWANGLER, Texas State Univ., San Marcos, USA

Discussant: Ran WEI, Arizona State Univ., Tempe, USA

**Many Thanks to the 2012–2013
 Program Committee!**

John Carruthers, George Washington Univ.

Claude Gruen, Gruen Gruen + Associates

Sandy Dall'Erba, Univ. Arizona

Alessandra Faggian, Ohio State Univ.

Randy Jackson, West Virginia Univ.

Jaewon Lim, Univ. Nevada, Las Vegas

Gordon Mulligan, Univ. Arizona

Alan Murray, Arizona State Univ.

Bruce Newbold, McMaster Univ.

Qisheng Pan, Texas Southern Univ.

Greg Protasel, Univ. Alaska

Serge Rey, Arizona State Univ.

Richard Wobbekind, Univ. Colorado, Boulder

Co-Chairs:

David Plane, Univ. Arizona

Matthias Ruth, Northeastern Univ.

Chair:

Rachel Franklin, Brown Univ.

Tuesday afternoon program continues on page 12...



Tuesday, 2:30–5:45 PM

Paper Session 4F ~ Santa Rosa East

Determinants of Housing Values and Rents

Chair: Stephen BROWN, Univ. Nevada, Las Vegas, USA

2:30–3:15

The impacts of oil and gas pipelines on urban residential property values: A case study in Houston

Qisheng PAN and Rickenson DANIEL, Texas Southern Univ., Houston, USA

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

3:15–4:00

Determinants of apartment rents in the Seoul metropolitan region: Spatial econometric approaches

Hee-Jae KIM and Myung-Jin JUN, Chung-Ang Univ., Korea

Discussant: Jinwon BAE, Univ. Arizona, Tucson, USA

4:00–4:15, *Coffee Break*

4:15–5:00

Measuring the impacts of light rail transit on housing prices: An application of spatial econometrics

Heonsoo PARK, Chung-Ang Univ., Korea

Discussant: David M. BRASINGTON, Univ. Cincinnati, Ohio, USA

5:00–5:45

Linkages of academic performance of high schools with housing prices and migration in the metropolitan areas of Korea

Yoojin YI, Euijune KIM, and Eunjin CHOI, Seoul National Univ., Korea

Discussant: Jae Hong KIM, Univ. California, Irvine, USA



Tuesday, 6:00–7:30 PM

Reagan Room

President's Reception

For all participants and accompanying persons



Wednesday, February 27

7:30 AM–12:15 PM, **Registration**

(Santa Barbara Foyer)

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

5A Cities and Urban Communities (Anacapa West)

5B Panel Session: A Debate on the Welfare Effects of 'Smart Growth' Suburbanization Regulations (Anacapa East)

5C Human Capital I (Santa Cruz West)

5D Remote Regions III: Population Change in Remote Areas (Santa Cruz East)

5E Regional Economies: Trends and Interactions (Santa Rosa West)

5F Trade Liberalization and Its Impacts (Santa Rosa East)

5G Planning, Land Use, and Transportation (San Miguel West)

5H Migration: Theory and Practice (San Miguel East)

9:30–10:00 AM, **Coffee Break** (Santa Barbara Foyer)

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

1:30–5:00 PM, **Concurrent Sessions:**

6A Geographical Analysis of Housing and Land Markets (Anacapa West)

6B Issues in Sustainable Energy (Anacapa East)

6C Human Capital II (Santa Cruz West)

6D Remote Regions IV: The Forgotten North: The Politics of Northern Provinces (Santa Cruz East)

6E Individual and Regional Productivity (Santa Rosa West)

6F Industry and Firm Localization and Interdependence (Santa Rosa East)

3:00–3:30 PM, **Coffee Break** (Santa Barbara Foyer)

(5:00 PM, *End of Conference*)



Wednesday, 8:00 AM–12:15 PM

Paper Session 5A ~ Anacapa West

Cities and Urban Communities

Chair: Alexandra SCHAFFAR, Univ. Toulon, France

8:00–8:45

Projecting small area population size and components

Simon CHOI, Southern California Assoc. Governments, Los Angeles, USA

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

8:45–9:30

A note on commuting times and city size: Testing variances as well as means

Qian AN, James E. MOORE II, and Peter GORDON, Univ. Southern California, Los Angeles, USA

Discussant: Andy KRAUSE, Univ. Washington, Seattle, USA

9:30–10:00, *Coffee Break*

10:00–10:45

City relocation and potential wealth loss: A method of measurement and an empirical test

Fredrik KOPSCH, Royal Inst. Technology, Stockholm, Sweden
Discussant: Esteban LOPEZ, Univ. Illinois, Urbana-Champaign

10:45–11:30

Climate and urban growth in France: 1982–2008

Alexandra SCHAFFAR and Michel DIMOU, Univ. Toulon, France

Discussant: Christian WELZEL, Leuphana Univ., Lüneburg, Germany

11:30–12:15

Macro-level analysis of the impacts of urban factors on traffic crashes: A case study of central Ohio

Dongkwan LEE, Jean-Michel GULDMANN, and Burkhard VON RABENAU, Ohio State Univ., Columbus, USA

Discussant: Yanxu LIU, Utah State Univ., Logan, USA



Wednesday, 8:45 AM–12:15 PM

Panel Session 5B ~ Anacapa East

A Debate on the Welfare Effects of 'Smart Growth' Suburbanization Regulations

Chair and Organizer: Claude GRUEN, Gruen Gruen + Associates, San Francisco, California, USA

An important element in the doctrine of smart growth with regard to the regulation of suburban development is the belief that land use regulations should prohibit low density, unconnected residential development and facilitate compact development. Inevitably, the word "sprawl" is used as a pejorative in the description of smart growth by its advocates.

The debate will start off by with a smart growth speaker, followed by "cross examination" by one of the anti-smart growth speakers. Next, the first "anti-smart growth" speaker will give his constructive talk, followed with a cross examination by the first pro-smart growth speaker, and so on.

Pro-'Smart Growth' Regulations:

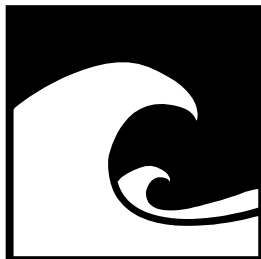
John I. CARRUTHERS, George Washington Univ., Washington, DC, USA

Eric HEIKKILA, Univ. Southern California, Los Angeles, USA

Anti-'Smart Growth' Regulations:

Myung-Jin JUN, Chung-Ang Univ., Korea

Ralph B. McLAUGHLIN, San Jose State Univ., California, USA



Wednesday, 8:00–11:30 AM
**Paper Session 5C ~ Santa Cruz West
Human Capital I**

Chair: Jouke VAN DIJK, Univ. Groningen, The Netherlands
8:00–8:45

The roles of age at arrival, education, and country of origin in the economic assimilation of U.S. immigrants: The evidence from merged 2005–2007 ACS data

K. Bruce NEWBOLD and Ting HUANG, McMaster Univ., Hamilton, Ontario, Canada

Discussant: Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

8:45–9:30

Human capital interstate migration in the USA: Evidence from the Integrated Postsecondary Education Data System

Alessandra FAGGIAN, Ohio State Univ., Columbus, and Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

Discussant: Jouke VAN DIJK, Univ. Groningen, The Netherlands

9:30–10:00, Coffee Break

10:00–10:45

Location and wage dynamics of university graduates: An urban advantage?

Lina AHLIN, Martin ANDERSSON, Lund Univ., and Per THULIN, Royal Inst. Technology, Stockholm, Sweden

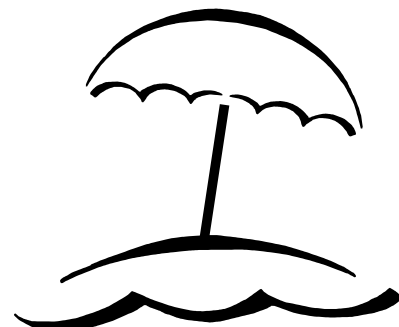
Discussant: Stefan LEKNES, Norwegian Univ. Science and Technology, Trondheim

10:45–11:30

Regional clustering of human capital: School grades and the migration of university graduates

Sofia TANO, Umeå Univ., Sweden

Discussant: Alessandra FAGGIAN, Ohio State Univ., Columbus, USA





Wednesday, 8:00–11:30 AM
Paper Session 5D ~ Santa Cruz East
Remote Regions III:
Population Change in Remote Areas

Chair: Greg PROTASEL, Univ. Alaska, Anchorage, USA
 8:00–8:45

The gendered demography of mega project construction in remote areas: Policy implications

Andrew TAYLOR, Charles Darwin Univ., Australia
 Discussant: Johanna ROTO, Nordregio, Sweden

8:45–9:30

When mobile labour meet locally based labour

Rasmus Ole RASMUSSEN, Nordregio, Sweden
 Discussant: Greg PROTASEL, Univ. Alaska, Anchorage, USA

9:30–10:00, *Coffee Break*

10:00–10:45

Capital cities in Canada's north and peripheral small provincial capitals: A comparative analysis

Pierre-Marcel DESJARDINS, Univ. Moncton, Canada
 Discussant: Terrence COLE, Univ. Alaska, Fairbanks, USA

10:45–11:30

Climate change and adaptation to climate mitigation policy in remote rural regions

Matthew BERMAN, Univ. Alaska, Anchorage, USA
 Discussant: Lisbeth Greve HARBO, Nordregio, Sweden



Wednesday, 8:00 AM–12:15 PM
Paper Session 5E ~ Santa Rosa West
Regional Economies: Trends and Interactions

Chair: Gary TOMPKINS, Univ. Regina, Canada

8:00–8:45

Urban-rural interactions in Europe: A spatial assessment at different levels

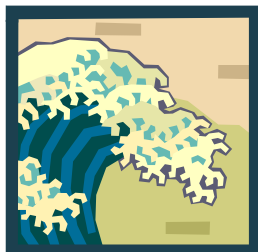
Eveline VAN LEEUWEN and Daniel ARRIBAS-BEL, VU Univ., Amsterdam, The Netherlands
 Discussant: Sandy DALL'ERBA, Univ. Arizona, Tucson, USA

8:45–9:30

Recent studies in regional urban systems in India: Trends, patterns, and implications

Sudhir K. THAKUR, California State Univ., Sacramento, USA
 Discussant: Amy C. ALEXANDER, Georg-August-Univ., Göttingen, Germany

9:30–10:00, *Coffee Break*



10:00–10:45

When spatial equilibrium fails: Is place-based policy second best?

Mark D. PARTRIDGE, Ohio State Univ., Columbus, Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA, M. Rose OLFERT, Univ. Saskatchewan, Saskatoon, Canada, and Ying TAN, Oklahoma State Univ., Stillwater, USA

Discussant: Max MUNDAY, Cardiff Univ., Wales, United Kingdom

10:45–11:30

The impact of private, public, and human capital on the U.S. states' economies: Theory, extensions, and evidence

Sandy DALL'ERBA and Irving LLAMOSAS-ROSAS, Univ. Arizona, Tucson, USA

Discussant: Sofia WIXE, Jönköping International Business School, Sweden

11:30–12:15

Employment and population growth in Florida's counties

Sooriyakumar KRISHNAPILLAI and John LEONARD, American Univ., Nigeria
 Discussant: Dongwoo KANG, Univ. Arizona, Tucson, USA



Wednesday, 8:00–11:30 AM
Paper Session 5F ~ Santa Rosa East
Trade Liberalization and Its Impacts

Chair: Kingsley E. HAYNES, George Mason Univ., Fairfax, Virginia, USA

8:00–8:45

Open trade, price supports, and regional price behavior in Mexican maize markets

Frank DAVENPORT, Doug STEIGERWALD, and Stuart SWEENEY, Univ. California, Santa Barbara, USA

Discussant: Minshu DU, Univ. Illinois, Urbana-Champaign

8:45–9:30

Regional economic analysis of internal migration in Mexico

Rafael GARDUÑO RIVERA, Centro de Investigación y Docencia Económicas, Mexico, Kathy BAYLIS, and Mary P. ARENDS-KUENNING, Univ. Illinois, Urbana-Champaign, USA

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

9:30–10:00, *Coffee Break*

10:00–10:45

The rise of the East and the Far East: German labor markets and trade integration

Wolfgang DAUTH, IAB Inst. Employment Research, Germany, Sebastian FINDEISEN, Univ. Zurich, Switzerland, and Jens SUEDEKUM, Univ. Duisburg-Essen, Germany

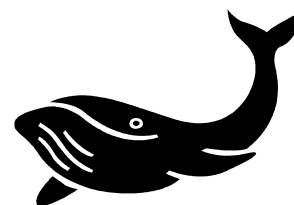
Discussant: Andrew J. CASSEY, Washington State Univ., Pullman, USA

10:45–11:30

How thick is the border? The cost of shipping goods across the Canada-U.S. frontier, 1994–2009

W. Mark BROWN, Statistics Canada, Ottawa, Canada

Discussant: Ryan T. KENNELLY, Univ. Nevada, Las Vegas, USA





Wednesday, 8:00–11:30 AM
Paper Session 5G ~ San Miguel West
Planning, Land Use, and Transportation

Chair: Hiroyuki SHIBUSAWA,
 Toyohashi Univ. Technology, Japan

8:00–8:45

Scientific reasoning and methods in urban planning
 Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA
 Discussant: Douglas H. WRENN, Ohio State Univ.,
 Columbus, USA

8:45–9:30

The comprehensive planning process: A path to participatory democracy in the 21st century
 Alexandria M. WRIGHT, Univ. Northern Arizona, Flagstaff, USA
 Discussant: Yongsung LEE, Georgia Inst. Technology,
 Atlanta, USA

9:30–10:00, *Coffee Break*

10:00–10:45

Complementarity between land use planning and pricing: Variations in cross-elasticities of transit ridership with respect to gasoline prices in U.S. urbanized areas
 Yongsung LEE, Georgia Inst. Technology, Atlanta, and Bumsoo LEE, Univ. Illinois, Urbana-Champaign, USA
 Discussant: Ardeshtir ANJOMANI, Univ. Texas, Arlington, USA

10:45–11:30

Evaluation of Japanese highway improvements in the 2000s: An approach from CGE analysis
 Taka Aki OKUDA, Chubu Region Inst. Social and Economic Research, Japan
 Discussant: Brian H.S. KIM, Seoul National Univ., Korea



Wednesday, 8:00 AM–12:15 PM
Paper Session 5H ~ San Miguel East
Migration: Theory and Practice
Chair: William A.V. CLARK, Univ. California,
 Los Angeles, USA

8:00–8:45

Lee's migration theory: Pluses and minuses
 Waldo TOBLER, Univ. California, Santa Barbara, USA
 Discussant: William A.V. CLARK, Univ. California, Los Angeles, USA

8:45–9:30

Spatial concentrations and determinants of the elderly population in the Seoul metropolitan area
 Ji-Eun JEONG and Myung-Jin JUN, Chung-Ang Univ., Korea
 Discussant: Martin KORPI, Stockholm School Economics, Sweden

9:30–10:00, *Coffee Break*



10:00–10:45

Organizationally-led migration, individual choice, and conventional models: Refugees to the U.S.

Tamar Mott FORREST and Lawrence A. BROWN, Ohio State Univ., Columbus, USA

Discussant: Thomas NIEDOMYSL, Lund Univ., Sweden

10:45–11:30

Young women and rural exodus—myths and realities: A case study of rural Sweden

Mats JOHANSSON and Daniel RAUHUT, Royal Inst. Technology, Stockholm, Sweden

Discussant: Joongkoo John CHO, Southern California Assoc. Governments, Los Angeles, USA

11:30–12:15

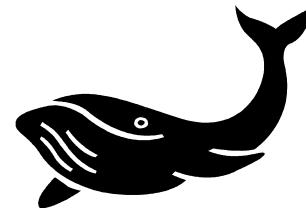
Extreme natural disaster and migration decisions: Empirical evidence from the Gulf of Mexico hurricanes, 2005

Seong Do YUN and Brigitte S. WALDORF, Purdue Univ., West Lafayette, Indiana, USA

Discussant: Tyler ROBERTS, Univ. Colorado, Boulder, USA

Wednesday, 12:15–1:30 PM

Lunch Break (On your own this day)



**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 here in Santa Barbara and will be happy to discuss potential submissions.

Wednesday afternoon program continues on page 16...



Western Regional Science Association

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Roger Stough, George Mason University

* ex officio, *Annals of Regional Science* editors



Wednesday, 1:30–5:00 PM

Paper Session 6A ~ Anacapa West

Geographical Analysis of Housing and Land Markets

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

1:30–2:15

Geographic and institutional factors in the U.S. housing bubble:

The role of regulation, amenities, and taxation

Ralph B. McLAUGHLIN, San Jose State Univ., California, and

Gordon F. MULLIGAN, Univ. Arizona, Tucson, USA

Discussant: Alexandria M. WRIGHT, Univ. Northern

Arizona, Flagstaff, USA

2:15–3:00

Estimating housing price indices for ten Illinois Metropolitan Statistical Areas (MSAs)

Esteban LOPEZ and Minshu DU, Univ. Illinois, Urbana-

Champaign

Discussant: Gordon F. MULLIGAN, Univ. Arizona, Tucson,

USA

3:00–3:30, Coffee Break

3:30–4:15

Exploring the re-urbanism hypothesis through an analysis of land market trends

Andy KRAUSE, Univ. Washington, Seattle, USA

Discussant: John I. CARRUTHERS, George Washington

Univ., Washington, DC, USA

4:15–5:00

Through the crisis: The "plane of living" and the spatial disposition of housing values in the United States

John I. CARRUTHERS, George Washington Univ., Washington,

DC, and Gordon F. MULLIGAN, Univ. Arizona, Tucson, USA

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



Wednesday, 1:30–5:00 PM

Paper Session 6B ~ Anacapa East

Issues in Sustainable Energy

Chair: Tschangho John KIM, Univ. Illinois,

Urbana-Champaign, USA

1:30–2:15

Wind energy and economic development in poorer regions:

What role for community benefits?

Gill BRISTOW, Richard COWELL, and Max MUNDAY, Cardiff

Univ., Wales, United Kingdom

Discussant: Eric HEIKKILA, Univ. Southern California, Los

Angeles, USA

2:15–3:00

Is renewable energy economically and environmentally effective in the Japanese economy?: Evidence from a CGE model

Yoji KUNIMITSU, National Agriculture and Food Research Org.,

Tsukuba, Japan

Discussant: Frank DAVENPORT, Univ. California, Santa

Barbara, USA

3:00–3:30, Coffee Break

3:30–4:15

An analysis of Hawaii's solar tax credit incentive

Makena COFFMAN and Germaine SALIM, Univ. Hawaii, Manoa, USA

Discussant: Yoji KUNIMITSU, National Agriculture and Food Research Org., Tsukuba, Japan

4:15–5:00

High speed rail systems as sustainable transportation modes?: An assessment of the energy consumption and air pollution effects

Minsu SON, State Univ. New York, Buffalo, USA, and Brian H.S. KIM, Seoul National Univ., Korea

Discussant: Hee-Jae KIM, Chung-Ang Univ., Korea



***Paper Session 6C ~ Santa Cruz West
Human Capital II***

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

1:30–2:15

Under-qualification as an opportunity for low-educated workers

Marije HAMERSMA, Arjen EDZES, and Jouke VAN DIJK, Univ. Groningen, The Netherlands

Discussant: Seong Do YUN, Purdue Univ., West Lafayette, Indiana, USA

2:15–3:00

Urbanity and education: Investigating amenity level differences across Norwegian regions

Fredrik CARLSEN and Stefan LEKNES, Norwegian Univ. Science and Technology, Trondheim

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

3:00–3:30, Coffee Break

3:30–4:15

Inter-regional recruitment of human capital to relocated governmental agencies: Is there a negative selection of skills?

Lena C. BIRKELÖF and Olle WESTERLUND, Umeå Univ., Sweden

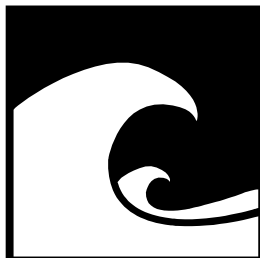
Discussant: Ji-Eun JEONG, Chung-Ang Univ., Korea

4:15–5:00

Jobs or amenities: What determines the migration balance of cities?

Tanja BUCH, Inst. Employment Research, Kiel, Silke HAMANN, Inst. Employment Research, Stuttgart, Annkatrin NIEBUHR, Inst. Employment Research, Kiel, and Anja ROSSEN, Hamburg Inst. International Economics, Germany

Discussant: Waldo TOBLER, Univ. California, Santa Barbara, USA



***Wednesday, 1:30–5:00 PM
Panel Session 6D ~ Santa Cruz East
Remote Regions IV:***

The Forgotten North: The Politics of Northern Provinces

Chair: Ken COATES, Univ. Saskatchewan, Saskatoon, Canada

This panel looks at the political and economic realities of the northern provinces in western Canada. These regions are economically very important to the provinces and the country, but have little practical political influence and considerable internal differences, including between Indigenous peoples and newcomers. The panelists will focus on such topics as health care, capacity building, resource development and multilevel governance systems, all in the context of the politics of Northern B.C., Northern Saskatchewan, and Northern Alberta.

Building a northern future: Capacity and regional development in the provincial North

Greg POELZER, Univ. Saskatchewan, Saskatoon, Canada

The political economy of First Nations health care: The case of Peter Ballantyne Cree First Nation

Bonita BEATTY, Univ. Saskatchewan, Saskatoon, Canada

3:00–3:30, Coffee Break

The North below the North: The significance of the provincial North in Canada

Ken COATES, Univ. Saskatchewan, Saskatoon, Canada

The politics of global engagement: Positioning northern British Columbia in the world economy

Gary WILSON, Univ. Northern British Columbia, Canada



***Wednesday, 1:30–5:00 PM
Paper Session 6E ~ Santa Rosa West
Individual and Regional Productivity***

Chair: Michel DIMOU, Univ. Toulon, France

1:30–2:15

Meet the stranger: The economic impact of loose social networks

Daniel ARRIBAS-BEL and Michiel GERRITSE, VU Univ., Amsterdam, The Netherlands

Discussant: Sierdjan KOSTER, Univ. Groningen, The Netherlands

2:15–3:00

Markets, productivity, and wages

Özge ÖNER, Jönköping International Business School, Sweden

Discussant: Wolfgang DAUTH, IAB Inst. Employment Research, Germany

3:00–3:30, Coffee Break

3:30–4:15

Regional wage disparities: The effects of human capital spillovers

Chenxi YU, Univ. Illinois, Urbana-Champaign, USA

Discussant: Therese NORMAN, Jönköping International Business School, Sweden

4:15–5:00

An examination of spatial structure and labor productivity in the manufacturing sector of U.S. cities

Yuting HOU, Univ. Southern California, Los Angeles, USA

Discussant: Wei XIAO, Stockholm Univ., Sweden

Wednesday afternoon program continues on page 18...



Wednesday, 1:30–5:00 PM

Paper Session 6F ~ Santa Rosa East

Industry and Firm Localization and Interdependence

Chair: Roger R. STOUGH, George Mason Univ.,
Fairfax, Virginia, USA

1:30–2:15

**On the utility of Gibbs models for refined assessment of
localization economies: An application to the Madrid electronics
industry**

Stuart SWEENEY, Univ. California, Santa Barbara, USA, and
Miguel GOMEZ-ANTONIO, Univ. Complutense, Madrid, Spain
Discussant: Jitendra PARAJULI, George Mason Univ.,
Fairfax, Virginia, USA

2:15–3:00

Simulating confidence for the Ellison-Glaeser Index

Andrew J. CASSEY and Ben O. SMITH, Washington State Univ.,
Pullman, USA

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

3:00–3:30, Coffee Break

3:30–4:15

Multi-dimensional variety and the effects on regional growth

Martin ANDERSSON, Lund Univ., and Sofia WIXE, Jönköping
International Business School, Sweden

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

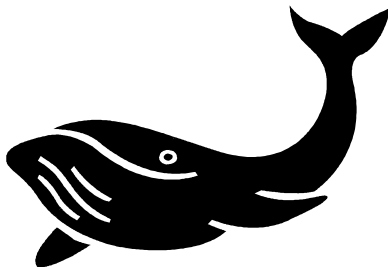
4:15–5:00

**Exploring the spatial and temporal patterns of business
concentration and dispersion: A case-study analysis for the
County of Santa Barbara**

Srinath RAVULAPARTHY, Konstadinos G. GOULIAS, Stuart
SWEENEY, and Phaeton C. KYRIAKIDIS, Univ. California,
Santa Barbara, USA

Discussant: Johan KLAESSON, Jönköping International
Business School, Sweden

(Conference ends at 5:00 PM)



When was your first?

WRSa Meeting History

- 51st Sheraton Kauai, Poipu, HI
- 50th Monterey Plaza Hotel, Monterey, CA
- 49th Hilton Sedona, Sedona, AZ
- 48th Silverado Resort, Napa, CA
- 47th Hilton Waikoloa Village Resort, Hawaii, HI
- 46th Hyatt Regency, Newport Beach, CA
- 45th La Fonda, Santa Fe, NM
- 44th Hyatt Regency Islandia, San Diego, CA
- 43rd Marriott Wailea Resort, Maui, HI
- 42nd Rio Rico Resort, Rio Rico, AZ
- 41st Hyatt Regency Monterey, Monterey, CA
- 40th Riviera Resort & Racquet Club, Palm Springs, CA
- 39th Sheraton Kauai Resort, Poipu, HI
- 38th Ojai Valley Inn, Ojai, CA
- 37th Hyatt-Regency Monterey, Monterey, CA
- 36th The Royal Waikoloan Resort, Waikoloa, HI
- 35th Silverado Country Club and Resort, Napa, CA
- 34th San Diego Princess Resort, San Diego, CA
- 33rd Westward Look Resort, Tucson, AZ
- 32nd Maui Inter-Continental Resort, Wailea, Maui, HI
- 31st Caesar's Tahoe Resort, South Lake Tahoe, NV
- 30th Monterey Plaza Hotel, Monterey, CA
- 29th Kaluokoi Hotel, Molokai, HI
- 28th San Diego Princess Resort, San Diego, CA
- 27th Silverado Country Club, Napa, CA
- 26th Kona Surf Resort, Keauhou, Hawaii, HI
- 25th Surf and Sand Hotel, Laguna Beach, CA
- 24th Hotel Del Coronado, Coronado (San Diego), CA
- 23rd Casa Munras Hotel, Monterey, CA
- 22nd The Prince Kuhio Hotel, Honolulu, HI
- 21st Miramar Hotel, Santa Barbara, CA
- 20th Newporter Inn, Newport Beach, CA
- 19th Doubletree Inn, Monterey, CA
- 18th Vacation Village Hotel, San Diego, CA
- 17th Mansion Inn, Sacramento, CA
- 16th Doubletree Inn, Tucson, AZ
- 15th Vacation Village Hotel, San Diego, CA
- 14th The Riviera Hotel, Palm Springs, CA
- 13th Edgewater Hyatt House, Long Beach, CA
- 12th Del Monte Hyatt House, Monterey, CA
- 11th Vacation Village Hotel, San Diego, CA
- 10th Santa Barbara Biltmore Hotel, Santa Barbara, CA
- 9th Vacation Village Hotel, San Diego, CA
- 8th Newporter Inn, Newport Beach, CA
- 7th Vacation Village Hotel, San Diego, CA
- 6th (Meeting site unknown), Las Vegas, NV
- 5th Santa Barbara Inn, Santa Barbara, CA
- 4th (1965 meeting site and dates unknown)
- 3rd Student Union, Arizona State Univ., Tempe, AZ
- 2nd Student Union, Univ. Oregon, Eugene, OR
- 1st Univ. California, Berkeley, Berkeley, CA



Program Participant Locator

Session assignments are listed following each participant's name:

1A, 1B, 1C, 1D, 1E on Monday Morning
2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H on Monday Afternoon

3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H on Tuesday Morning
4A, 4B, 4C, 4D, 4E, 4F on Tuesday Afternoon

5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H on Wednesday Morning
6A, 6B, 6C, 6D, 6E, 6F on Wednesday Afternoon

OS = Opening Session on Sunday Afternoon

WB = WRSA Board Meeting on Monday morning

GO = Getis-Ord Lecture in Spatial Analysis on Monday afternoon

AL = Annual Banquet Luncheon on Tuesday

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

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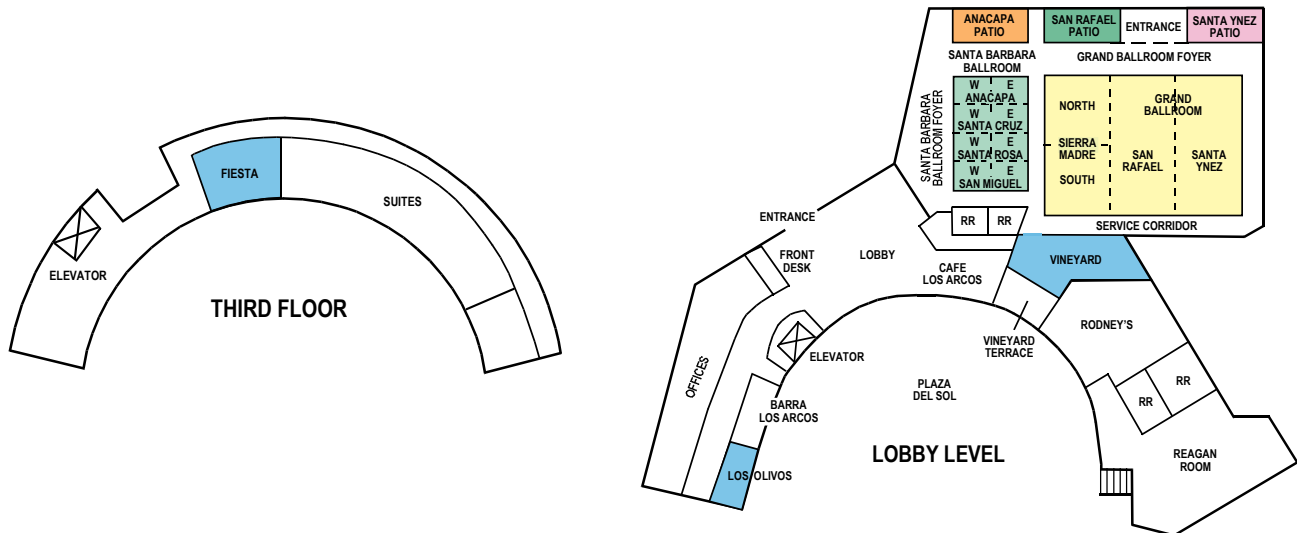


The 54 WRSa Presidents

1 st	1960–1961	William Golder
2 nd	1961–1962	Morgan D. Thomas
3 rd	1962–1963	James N. Tattersall
4 th	1963–1964	William S. Peters
5 th	1964–1965	John W. Dyckman
6 th	1965–1966	Charles M. Tiebout
7 th	1966–1967	Fred E. Case
8 th	1967–1968	Paul F. Wendt
9 th	1968–1969	Harold L. Buma
10 th	1969–1970	Bernard Udis
11 th	1970–1971	Edward L. Ullman
12 th	1971–1972	Anthony H. Pascal
13 th	1972–1973	Donald A. Watson
14 th	1973–1974	Charles L. Leven
15 th	1974–1975	Shelly Mark
16 th	1975–1976	Frank G. Mittelbach
17 th	1976–1977	Martin Beckmann
18 th	1977–1978	Parzival Copes
19 th	1978–1979	David Seymour
20 th	1979–1980	Werner Hirsch
21 st	1980–1981	Lee Attaway
22 nd	1981–1982	Niles Hansen
23 rd	1982–1983	Sol Rabin
24 th	1983–1984	Robert Keyes
25 th	1984–1985	Nina Gruen
26 th	1985–1986	Jack Knetsch
27 th	1986–1987	Gunter Schramm
28 th	1987–1988	Bernard Malamud
29 th	1988–1989	Harry W. Richardson
30 th	1989–1990	Paul E. Polzin
31 st	1990–1991	Michael J. Greenwood
32 nd	1991–1992	Kingsley E. Haynes
33 rd	1992–1993	Theodore Lane
34 th	1993–1994	Richard L. Morrill
35 th	1994–1995	John E. Keith
36 th	1995–1996	Antoine S. Bailly
37 th	1996–1997	Jon R. Miller
38 th	1997–1998	Jack C. Stabler
39 th	1998–1999	Lay James Gibson
40 th	1999–2000	Arthur Getis
41 st	2000–2001	John M. Quigley
42 nd	2001–2002	Brenda Moscové
43 rd	2002–2003	Roger Stough
44 th	2003–2004	Koichi Mera
45 th	2004–2005	Juanita Liu
46 th	2005–2006	Lee Huskey
47 th	2006–2007	Jack W. Osman
48 th	2007–2008	Geoffrey J. D. Hewings
49 th	2008–2009	T. John Kim
50 th	2009–2010	David W. Holland
51 st	2010–2011	Robert J. Stimson
52 nd	2011–2012	Warren Gill
53 rd	2012–2013	Peter Gordon
54 th	2013–2014	Hans Westlund

Notes:

Meeting Room Locations at Fess Parker's Doubletree Resort



Our Meeting Venue:



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