

# ***New Methodologies for the Social Sciences: The Development and Application of Spatial Analysis for Political Methodology***

Conference and Workshops

University of Colorado at Boulder

*(Sponsored by the Institute of Behavioral Science, Council on Research and Creative Work, College of Arts and Sciences, Department of Political Science, and by the Center for Spatially Integrated Social Science (CSISS), University of California at Santa Barbara).*

Organizers: John O'Loughlin (University of Colorado) and Michael D. Ward (University of Washington)

## ***Friday 3/10/2000***

**2:00 PM: Check-In and Registration Package Pickup**, College Inn Conference Center, 17<sup>th</sup> and Athens Streets.

**3:00 PM: Demonstration Workshops** Department of Geography KESDA GIS/Cartography Laboratory, Guggenheim Room 6

*3:00 PM* Demonstration of Visualization Methods in GIS

**Barbara Buttenfield**, Department of Geography, University of Colorado

*4:30 PM* Demonstration of SpaceStat Software and ArcView Interface

**Luc Anselin**, Department of Agricultural Economics, University of Illinois

**6:00 PM Heritage Center, Old Main**

Reception, with welcome by Professor **Edward Greenberg**, Institute of Behavioral Science

## ***Saturday 3/11/2000***

All conference sessions on Saturday and Sunday meet in the Benson Earth Sciences Building Seminar Room, 3<sup>rd</sup> Floor

7:00 AM Breakfast in College Inn Conference Center

**8:15 AM** *Paper Session I*

8:30 AM **Dan Sui and Peter Hugill**. *"GIS, Electoral Geography, and the Empowerment of Local Communities"*

9:00 AM Discussion and Commentary: Jani Little, Statistical Consultant, Institute of Behavioral Science

- 9:20 AM **Harvey Starr.** *“Opportunity, Willingness, and Geographic Information Systems (GIS): Reconceptualizing Borders in International Relations.”*
- 9:50 AM Discussion and Commentary: Steve Chan, Political Science, University of Colorado
- 10:10 AM **Break** -Snacks/Coffee/Tea
- 10:30 AM **Paul Diehl and Jaroslav Tir.** *“The Political Geography of Enduring Rivalries.”*
- 11:00 AM Discussion and Commentary: Claudio Cioffi-Revilla, Political Science, University of Colorado
- 11:20 AM **Mohan Penubarti and Michael Ward.** *“Factoring in Time: A Spatial Look at Factor Specific Trade Models in Relation to the Liberal Peace.”*
- 11:50 AM Discussion and Commentary: Keith Maskus, Economics/IBS, University of Colorado
- 12:10 PM Lunch** provided in the Benson Earth Sciences Building
- 1:30 PM Paper Session 2**
- 1:30 PM **Gary King and Kevin Quinn.** *“Long Run Forecasting of World Mortality with Bad Data and Good Substantive Knowledge.”*
- 2:00 PM Discussion and Commentary: John Sprague
- 2:20 PM **Luc Anselin and Wendy Tam Cho.** *“Spatial autocorrelation and EI: Some further results.”*
- 2:50 PM Discussion and Commentary: Michael Ward
- 3:10 PM **Michael Ward and Kristian Gleditsch.** *“A Bayesian Approach to Modelling Spatial Context with Categorical Variables.”*
- 3:30 PM Discussion and Commentary: Andrew Enterline, Political Science, University of New Mexico
- 3:50 PM **Break** - Snacks/Refreshments
- 4:30 PM Paper Session 3**
- 4:30 PM **Brady Baybeck and Robert Huckfeld.** *“The spatial structure of political discussion networks: variations accompanying macro political and macro SES variation.”*
- 5:00 PM Discussion and Commentary: Michael Shin and Colin Flint
- 5:20 PM **Colin Flint, Robert Edsall, and Mark Harrower.** *“But How Does Place Matter? Using Bayesian Networks to Explore a Structural Definition of Place.”*
- 5:50 PM Discussion and Commentary: Jim Huff, Geography/IBS, University of Colorado
- 6:10 PM **Michael Shin and John Agnew.** *“The Geography of Party Replacement in Italy.”*
- 6:40 PM Discussion and Commentary: Takashi Yamazaki and Paul Talbot, Geography/IBS, University of Colorado
- 8:00 PM Conference Dinner in UMC 4<sup>th</sup> Floor Room**

**Sunday 3/12/2000**

7:00 AM Breakfast in College Inn Conference Center

**8:30 AM** *Paper Session 4*

8:30 AM **Carol Kohfeld and John Sprague.** *“Spatial and visual analyses of voter registration by race for ward and precinct (nested) coverages.”*

9:00 AM Discussion and Commentary: John McIver, Political Science, University of Colorado

9:20 AM **David Reilly and Jeff Kopstein.** *“Politics, Geography, and Postcommunist Change.”*

9:50 AM Discussion and Commentary: Debra Javeline, IBS, University of Colorado

10:10 AM **Snacks/Refreshments**

10:30 AM **John O'Loughlin.** *“Can King's ecological inference method answer a social scientific puzzle: Who voted for the Nazi party in 1930 Weimar Germany?”*

11:00 AM Discussion and Commentary: Terri Givens, Political Science, University of Washington

**11:20 AM** Closing Comments: **Neal Beck**, Political Science, University of California San Diego