



Association of American Geographers Spatial Analysis and Modeling (SAM) Specialty Group Newsletter

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PAPER COMPETITIONS

The Spatial Analysis and Modeling (SAM) Specialty Group announces *THREE PAPER COMPETITIONS* for the 2007 AAG Meeting in San Francisco, California. Two competitions will be **STUDENT PAPER COMPETITIONS (graduate and undergraduate)** for any research conducted while a student is at an accredited university. The third will be an **EMERGING SCHOLAR PAPER COMPETITION** for anyone within six years of his/her Ph.D. degree award at the time of the 2007 AAG meeting. Competitions will have a total minimum of \$800 in prizes. The winner(s) will also be invited to submit the manuscript for publication in *Geographical Analysis*, subject to the standard review process of the Journal. Papers may be of a theoretical or applied nature. Papers will be judged on the following criteria: 1) potential contribution to the use of mathematical models, statistical techniques and other technological and computational approaches for analyzing spatial phenomena in any sub-field of geography; 2) appropriate and sound use of methodology; 3) originality; and, 4) organization and written composition of the paper. Submission procedures are as follows: **STUDENT PAPER COMPETITIONS:** For the graduate level competition, the paper must be a single-authored paper based on research primarily conducted while the student was at an accredited university. The entrant needs not be a student at the time of the AAG meeting. For the undergraduate level competition, the paper must also be based on research primarily conducted while the student was at an accredited university. Multiple authorship for undergraduate research entries is permitted, provided the submission is accompanied by a statement from a University faculty member attesting to the student's lead role in the research. Again, such entrants needs not be students at the time of the AAG meeting. **EMERGING SCHOLAR COMPETITION:** The paper must be a single-authored paper whose author is within six years of his/her Ph.D. being awarded from an accredited degree program at the time of the 2007 AAG meeting. An entrant may only participate in one of the three competitions in a given year. Entrants will present their papers in an AAG session sponsored or co-sponsored by the SAM specialty group. Persons wishing to enter either paper competition should notify either Chair Mark W. Horner (mhorner@fsu.edu) or Vice-Chair Fahui Wang (fwang@niu.edu) **before** the AAG's abstract deadline so that SAM officers can coordinate with the AAG and to place competition papers in appropriate sessions. A panel of judges will review the papers before the AAG meeting. The winner(s), if any, will be announced at the SAM specialty group business meeting and at the AAG Awards Luncheon; winners should be available to attend the Luncheon. The judges' decision, including the possibility of not awarding a prize, is final. The final version of the paper must be received by FEBRUARY 1, 2007. The cover-page of the paper should contain the name, current affiliation, mailing address, phone number, email and "level" (for student paper competition; e.g., undergraduate, graduate) or place and year of Ph.D. degree (for emerging scholar competition). A second page should repeat the title and contain an abstract. No identifying information should appear anywhere else in the paper if possible. Papers should be no longer than 35 double-spaced pages, including tables, figures and references. All entries should be submitted in MS Word or PDF to Fahui Wang (fwang@niu.edu). Feel free to contact Fahui Wang (fwang@niu.edu) or Mark W. Horner (mhorner@fsu.edu) if you have any questions about either competition.

NOTEWORTHY

Steven M. Mason, assistant professor of geography at the University of Minnesota, received a \$343,383 grant from the National Aeronautics and Space Administration for research entitled "North American Land Change: Integrated Research and Education on Decision Making in Coupled Human-Environment Systems". The grant was awarded under the New Investigator Program in Earth-Sun System Science.

NEWS

Expanded On-line GIS&T Bibliography

The on-line geographic information science & technology (GIS&T) bibliography has recently been expanded to over 41,000 entries and is available at a new URL: <http://training.esri.com/campus/library/index.cfm>. The bibliography covers many conference proceedings as well as an increasing number of relevant journals. Some of the journals are covered in their entirety such as the *International Journal of Geographical Information Science* while others are represented only by selected articles (e.g., *Annals of Regional Science*). Many of the entries also contain abstracts. The bibliography is not truly comprehensive, but it is being slowly expanded within the constraints of available resources. There is no charge for use of the bibliography and the results of searches may be downloaded in a format (REFER) that can be read by most personal bibliographic software. Downloading search results does require that the user have an established ESRI Global Account. There is no charge for establishing these accounts. Global Account log in or registration may be accomplished by clicking on the icon in the upper right hand corner of the opening web page. Suggestions regarding the bibliography and its operation should be addressed to Duane Marble at dmrble@oregonfast.net.

NEW GIScience Program at FSU

The Department of Geography at Florida State University, Tallahassee has launched a Masters program in GIScience. The one-year fast-track program is designed to encapsulate a comprehensive range of technical skills and practical applications over three semesters in the pursuit of producing graduates for today's burgeoning geospatial industry.

Admittance to the program is twice a year; fall and spring semester and further details can be found at <http://www.fsu.edu/~geog/pamphlet.pdf> or emailing the GISc coordinator Victor Mesev (vmesev@fsu.edu).

CALLS

The **Association of American Geographers** is hosting its annual meeting in San Francisco, California from April 17th to April 21st, 2007. The deadline to submit abstracts for paper, poster, illustrated paper and interactive short paper presentations has recently been extended to November 9th, 2006. The following sessions will be sponsored or cosponsored by SAM in San Francisco. Details on each session are available at (<http://www.fsu.edu/~geog/sam/meetings.htm>).

Session Title: **Examining Sprawl: Challenges and Consequences for Urban Transportation**

Sponsors: Transportation Geography
SAM

Organizers: Joe Weber
(jweber2@bama.ua.edu)
Selima Sultana
(s_sultan@uncg.edu)

Session Title: **Theory and Methods of Spatiotemporal Analysis**

Sponsor: SAM
Organizers: Yukio Sadahiro
(sada@ua.t.u-tokyo.ac.jp)
Narushige Shiode
(nshiode@buffalo.edu)
Shino Shiode
(shino@ua.t.u-tokyo.ac.jp)

Session Title: **Land Change Science and Map Measurement**

Organizer: Robert Gilmore Pontius
(rpontius@clarku.edu)

Session Title: **Modeling Coupled Human-Environment Systems: Regional Approaches**

Sponsors: Human Dimensions of Global Change
SAM

Organizers: Darla K. Munroe
(munroe.9@osu.edu)

Ningchuan Xiao
(xiao.37@osu.edu)

Session Title: **GIS for Transportation: Recent Challenges and Developments**

Sponsors: GISS
Transportation Geography
SAM

Organizers: Hongbo Yu
(hongbo.yu@okstate.edu)
Shih-Lung Shaw
(sshaw@utk.edu)

Session Title: **Critical Geographies: Beyond the Critical/Analytical Binarism**

Sponsor: SAM

Organizers: Mei-Po Kwan
(kwan.8@osu.edu)
Tim Schwanen
(T.Schwanen@geo.uu.nl)

Session Title: **Perspectives on Geographic Complexity**

Sponsors: GISS
SAM

Organizers: Tom Evans
(evans@indiana.edu)
Steven Manson
(manson@umn.edu)
Paul Torrens
(torrens@geosimulation.com)
Moira Zellner
(mzellner@uic.edu)

Session Title: **Human Impacts on Watershed Processes**

Sponsors: Geomorphology
Water Resources
SAM

Organizers: Shixiong Hu
(shu@po-box.esu.edu)
Yong Q. Tian
(Yong.Tian@umb.edu)
Bill Renwick
(renwicwh@muohio.edu)

Session Title: **Land Use Impacts on Hydrology, Sediment Transport, and Aquatic Habitat in Mountain Watersheds**

Sponsors: Geomorphology
SAM
Water Resources

Organizers: John Faustini
(faustini.john@epa.gov)
Julia A. Jones
(geojulia@comcast.net)

Session Title: **Spatial Data Mining and Exploratory Data Analysis**

Sponsors: GISS
SAM
Cartography

Organizers: Jeremy Mennis
(jmennis@temple.edu)
Diansheng Guo
(guod@sc.edu)

Session Title: **GIS and Spatial Modeling for Extreme Events**

Sponsor: SAM

Organizers: Irene Casas
(icasas@buffalo.edu)
Mark Horner
(mhorner@fsu.edu)
Chris Renschler
(rensch@buffalo.edu)

Session Title: **Innovations in GIS Education: Past, Present, and Future (I & II)**

Sponsors: GISS
Remote Sensing
SAM
Geography Education
Community College

Organizer: David DiBiase
(dibiase@psu.edu)

INFORMATION

Mission Statement

Our mission is to foster and maintain interaction, cooperation and community among individuals interested in the analysis of geo-referenced data, modeling of spatiotemporal processes and the use of analytical and computational techniques in solving geographic problems. The specialty group promotes the scientific study of physical, environmental and socioeconomic geography and the development, use and teaching of analytical cartography, geographic information systems (GIS), remote sensing, spatial statistical, mathematical and computational techniques for spatial analysis.

Membership Dues

Regular: \$3
Student: \$1

Submissions

This newsletter reaches a large number of readers and is therefore an excellent venue for getting the word out on community news, departmental happenings, research findings, media appearances and the like. It is also a good place to post calls for proposals, awards, grants, fellowships, jobs and professional development opportunities. We also invite you to submit commentaries or features of broad interest to specialty group members. The newsletter relies on volunteers to submit articles, so please take a moment to send along relevant items. Please send your submissions to:

Ed Zolnik
SAM Newsletter Editor
Department of Geography
George Mason University

at ezolnik@gmu.edu in text or rich text format. Photos or other images, with captions in an attached text file, are also welcome (GIF, JPG or PNG).

Officers

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