



The Association of American Geographers Spatial Analysis and Modeling Specialty Group Newsletter

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FROM THE CHAIR

Dear SAM Members,

Hope everyone's summer was productive and enjoyable. First, I would like to thank our former SAM chair Dr. **Li An** and a board member Dr. **Youngwan Chun** for their service the past three years. Thanks to their endeavors, we now have a permanent SAM website and new service awards. Without their generous time commitment, these new achievements simply would not have been possible. I would also like to thank you for your support in electing me as the chair of SAM and **Debarchana (Debs) Ghosh** as a new board member. Debs will be primarily responsible for organizing a plenary speaker session at the AAG in collaboration with Dr. **Sergio Rey**, Editor of *Geographical Analysis* (see first item below).



As I briefly mentioned at our last SAM business meeting in Chicago, I have one simple vision - SAM as a hub of communication amongst geographers and others. I believe that SAM is a microcosm of all geographers who strive to advance spatial analysis methods and models. With a plethora of diverse applications of spatial methods and models within the discipline of Geography (whether your application is in human or physical or human-environment interactions) as well as other related disciplines, SAM members have a unique position that can make the discipline more cohesive and visible to other scholars and practitioners. My plan is to further facilitate such fruitful dialogs amongst ourselves and others in related disciplines.

There are several SAM activities to be held at the 2016 AAG meeting in San Francisco. SAM will be sponsoring several paper sessions at the meeting. This year we will sponsor a wide range of topics such as spatial pattern comparison, spatial data quality, uncertainty issues, high resolution image analysis, sustainability science, human impacts on ecosystems, and spatial statistics. Since there is still time to organize SAM-sponsored sessions, please e-mail me at changh@pdx.edu if you would like to learn more about SAM sponsorship. Once again, we will hold student paper competitions (graduate and

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undergraduate at a total minimum about of \$1,800). See the later section of this newsletter for full details of the contest. I would encourage SAM members to disseminate this information to their colleagues and students. We will need to elect two new board members in early 2016 as both Tony's and Jennifer's terms expire in 2016. If you are interested in becoming a board member and would like to know more about the responsibilities of these positions, please feel free to contact me or any other board members.

You are cordially invited to attend the 2016 SAM business meeting (date and place TBD), to share your ideas on how the specialty group may develop and better serve the SAM community. Additionally, if you have any other ideas related to SAM activities, please contact me at changh@pdx.edu at any time. Thank you for reading this email, and I look forward to seeing many of you in San Francisco and working with you closely in the next three years.

Sincerely yours,



Heejun Chang

2nd Call for Nominations: 2016 SAM Plenary Lecture

In corporation with *Geographical Analysis: An International Journal of Theoretical Geography*, the Spatial Analysis and Modeling (SAM) Specialty Group of the Association of American Geographers (AAG) co-sponsors a plenary speaker at the AAG annual meetings. Information about previous speakers is available on the SAM web site at <http://sam-aag.org/plenary.html>.

Plenary speaker nominations are now solicited for the 2016 AAG annual meeting to be held in San Francisco, CA from March 29 - April 2, 2016. Please submit your nominations by October 15th, 2015. We request that you include a short letter of endorsement supporting the nominee's selection, along with a confirmation

from the nominee that if selected, she or he will accept the invitation, and present at the plenary lecture. The SAM Board members, in consultation with the GA editor, will make the selection.

All nominations should be sent to both Dr. Debs Ghosh (debarchana.ghosh@uconn.edu) and Dr. Sergio Rey (srey@asu.edu). Any questions about the SAM plenary lecture can be directed to Debs Ghosh at debarchana.ghosh@uconn.edu.

AAG CFP: Uncertainty in Spatial Data and Data Analysis

Spatial data have errors in both attribute and location information creating uncertainty. Uncertainty in spatial data can be attributable to sampling error (i.e., deviations of sample

statistics), measurement error (i.e., difference between the true and measured values), and analyses taken at different spatial scales, among other sources. While many aspects of uncertainty in spatial data have been acknowledged in the literature, they often are ignored or not addressed adequately in both academic studies and the practitioner's world (such as in policy formulations and decision making) due to a variety of reasons. These reasons may broadly be classified into the following categories: 1) the assumption that the magnitude of errors in spatial data are not significant enough to address the outcomes; 2) adequate data quality information is not provided to data users; and, 3) lack of effective tools to address the issues, or existing tools or methods are too difficult to use and comprehend. The first category refers to our lack of understanding of the problem. The second category refers to issues related to data processing and dissemination. The third category refers to developing solutions.

We will hold a series of sessions at the 2016 AAG Annual Meeting in San Francisco to address the preceding three categories of issues, and possibly others, related to spatial data quality research. We welcome participation in these sessions by geographers, GIScientists, and researchers and practitioners in public health and other disciplines working on spatial data. Specific topics we hope will be addressed include, but are not limited to:

- Spatial sampling methods improving data reliability
- The spatial aggregation and zoning problem (the MAUP)
- Visualization of data quality/uncertainty
- Error and data quality assessment

- Error propagation and modeling
- Spatial autocorrelation and error modeling
- Uncertainty in spatial pattern detection
- Incorporating uncertainty in spatial modeling
- Applications in public health, policy, urban planning, and other substantive areas

To present your paper in the session, please submit your abstract to the AAG annual meeting website, and then send the title, abstract and your PIN to Min Sun via msun@gmu.edu before October 19 (Monday), 2015, 5pm EST.

Organizing Committee:

Daniel A. Griffith, University of Texas at Dallas
 David Wong, George Mason University
 Yongwan Chun, University of Texas at Dallas
 Min Sun, George Mason University
 Monique Hernandez, Florida Cancer Data Institute/University of Miami
 Barry Kronenfeld, Eastern Illinois University

AAG CFP: Emerging Uses of High Spatial and Temporal Resolution Imagery for Monitoring Grasslands

Anne Jacquin (University of Toulouse, National Polytechnical Institute of Toulouse, Purpan School of Engineering) and Shawn Hutchinson are organizing two special paper sessions for the 2016 AAG Meeting in San Francisco with sponsorship from the SAM Specialty Group:

1. Advances in Remote Sensing and Statistical Techniques for Detecting Anthropogenic Impacts in Grassland Ecosystems – ID 23896

2. Emerging Uses of High Spatial and Temporal Resolution Imagery for Monitoring Grasslands – ID 23897

If you are interested in submitting a paper to one of these sessions, please contact Shawn below.

J.M. Shawn Hutchinson, Ph.D., GISP
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Manhattan, Kansas 66506-2904 USA
Tel: +01 785-532-3414 | Fax: +01 785-532-7310
| Skype: shawn.hutchinson

AAG CFP: Map and spatial pattern comparison

Organizers: Colin Robertson (Wilfrid Laurier),
Jed Long (St. Andrews)

Spatial patterns have gone mainstream. Every field from urban planning to archeology to history are collecting and utilizing spatial information. Corporations collect vast amounts of data tied to different geographical scales that are exploited for profit. One of the core questions driving many new applications of spatial data is – when are two spatial patterns similar? This deceptively simple question hides complexity that goes to the root of core GIScience and spatial analysis methodology. What does it mean for spatial patterns to be similar?

The question of spatial pattern similarity has most thoroughly been investigated for landcover maps. Frameworks have been introduced for comparing categorical maps as the outcomes of spatial processes (Csillag and Boots 2005) and for geosimulation models

(Hagen-Zanker and Martens 2011) – developing algorithms and significance tests that can explain whether differences between two maps are due to chance, or could have been generated by the same process. Spatial pattern similarity has also been explored in the context of landscape patterns through the comparison of the distribution of pattern indices and their links to spatial process models (Rommel and Csillag 2003). Importantly, statistically distinguishing spatial pattern differences is non-trivial, even for mapped patterns that appear different to a human observer.

Techniques for comparing non-categorical and/or non-lattice forms of spatial data such as continuous raster maps, tessellations, line patterns, point patterns, have been treated in piecemeal and fragmented fashion. For example, movement trajectories have been the subject of numerous methodological innovations in recent years due to the advance of GPS tracking data systems; yet these developments have not been integrated or adapted to other spatial representations. A framework for comparison of spatial patterns in general is currently lacking.

In this session, we will investigate questions pertaining to all aspects of spatial pattern comparison and invite submissions from researchers working on any aspect of spatial pattern/map comparison. Research into the theoretical, applied, and philosophical dimensions of map comparison are all welcome. We are interested in putting together a diverse set of papers that reflect the wide array of approaches being taken in spatial pattern comparison research, including

Stochastic spatial modelling; Image compression and computer vision; Landscape pattern indices; Movement trajectory analysis; Point pattern analysis and modelling; Polygon change analysis and modelling; Applied pattern comparison papers; Visualizing spatial patterns

Abstracts of 250 words should be submitted to both organizers (jed.long@st-andrews.ac.uk and crobertson@wlu.ca) for consideration for inclusion in the session by October 16th 2015. Participants will be notified by October 23rd and will then need to register for the conference by October 29th in order to be included in the session. Please include the phrase "AAG 2016" in the subject line of your e-mail.

AAG CFP: Applied Sustainability Science: An Open Paradigm for Applied Geographers

"Making progress towards sustainability is like going to a destination we have never visited before, equipped with a sense of geography and the principles of navigation, but without a map or compass" (Hales and Prescott 2002:6). Sustainable development focuses on two key concepts: 1) providing essential needs to the world's poor through overriding priority; and 2) that technology and social organization has limits to the environment's ability to meet humanity's present and future needs. In general, the term "sustainability" should be viewed as humanity's target goal of human-ecosystem equilibrium (homeostasis), while "sustainable development" refers to the holistic approach and temporal processes

that lead us to the end point of sustainability. Geography is positioned to be a leader in the focused field of applied sustainability science. Sustainability science, studied by a diverse group of disciplines, has traditionally focused on understanding the complex dynamics that arise from the interactions between humans and environmental systems. Although sustainability is widely accepted as a goal for humanity, there remains no agreed upon strategy for humanity to achieve it. Further, it has been supported by several, that there will remain a need to operationalize theory into applied practice until global sustainability is reached. Since geography is devoted to developing and utilizing approaches to resolve human problems that have a spatial dimension, and it has set out to understand relevant societal, physical, and coupled human-environmental systems, it is a keystone for progressing applied sustainability science. In this session, the concepts of space and scale are unifying ground where scientists and practitioners can collaborate in producing shared knowledge for enhancing applied sustainability science. Possible topics for this session include: indicators, climate change, sustainable urbanization, co-evolution, population growth, globalization, urban ecology, resilience, GIScience, spatial analysis, scale, spatial ecology, data, land use, and technology.

Organized by Richard Shaker, PhD.
Department of Geography & Environmental Studies
Ryerson University Toronto, Ontario, Canada
e-mail: rshaker@ryerson.ca

AAG CFP: Time-Geography: New Challenges and Opportunities

This will be the 9th year since we started organizing time geography sessions at the Annual AAG Meeting in 2008. Over the years, we have witnessed continuous and growing interest in time geography and the attendance to these sessions has been strong. The integrative space-time system of Hägerstrand's time geography offers a unique and effective framework to investigate spatial and temporal processes and interactions in a wide range of research fields. Recently, there has been a trend of growing interest in applying time geography to study the dynamic processes in different areas. This trend is further enhanced by the increasing availability of individual-based spatio-temporal data, emerging data-intensive science (a.k.a. Big Data), and developments in computational implementation of time-geographic concepts. Meanwhile, the advancements in information and communications technologies are changing the organization and location of workplaces and services as well as how people interact with each other, the society, and the environment, which have led to rethinking and understanding the meaning and cohesion of people's daily activities and movements. These emerging trends provide great challenges yet promising opportunities for further conceptual and theoretical development of time geography.

We would like to use the special sessions at the 2016 AAG annual meeting to offer a forum for researchers to share their innovative ideas of advancing time geography. We welcome a

wide range of studies that address conceptual, theoretical, technical, or empirical aspects of time geography. The broad range of topics for these sessions include:

Time-geography: theoretical and conceptual developments

- development of existing and creation of new time-geographic concepts
- theoretical expansions of the time-geographic framework to study activities and interactions in a hybrid environment of physical and virtual spaces

Time-geography: computer and visualization model developments

- computational models and representations of time-geographic concepts
- visual analytics using time-geographic framework

Time-geography: Integrative development efforts

- time-geographic developments in studies of everyday life and life biographies
- strengthening the ecological dimension in time-geography
- (re)integration of time-geography into contemporary developments in political and cultural geography

Time-geography: applications and implementations

- applications of time geography to support the study of travel behaviors, activity patterns, accessibility analysis,

social equity, location based services, animal ecology, public health, regional planning, etc.

- implementations of time-geographic approach in recently emerged topics in geography, such as wellbeing, energy consumption, socio-technical transitions, etc.

Those interested in giving a presentation in the time geography paper sessions, please email your abstract of no more than 250 words, contact information, and the presenter's personal identification number (received from the AAG after online registration at <http://www.aag.org>) to Hongbo Yu (hongbo.yu@okstate.edu) by Thursday, October 29, 2015.

We look forward to your participation!

Organizers:

Hongbo Yu, Oklahoma State University
Kajsa Ellegård, Linköping University, Sweden
Shih-Lung Shaw, The University of Tennessee
Martin Dijst, Utrecht University, Netherlands

AAG CFP: Analysis of Movement Data

Movement is an integral part of many spatiotemporal processes such as human mobility, animal migrations, and environmental phenomena like hurricanes, oil spills, and wildfires. Advancements in tracking technologies have resulted in significant increases in the availability of data on such phenomena. These movement observations are key to the study and understanding of movement. The study of movement consists of a continuum of research for quantification,

modeling, and representation of movement trajectories, movement patterns, and the interactions of moving phenomena with one another and with the environment within which the movement takes place. The aim is to understand movement and the underlying mechanisms driving movement patterns, and ultimately to develop predictive models to explore the dynamics of spatiotemporal processes under varying environmental conditions.

This session aims to serve as a platform to discuss the recent trends in the study of movement and novel methods for analyzing and contextualizing movement data. The session focus is on, but not limited to, topics concerning analysis, modeling, and representation of movement data from different domains such as transportation (e.g., vehicles, pedestrians), movement ecology (e.g. plants, animals), and environmental hazards (e.g. hurricanes, wildfire, oil spills).

We invite submissions that present research on the general theme of movement data analysis, with particular emphasis on novel techniques that address the following examples of topics:

- Analyzing movement patterns in the context of external influences (e.g. environment, geographic context)
- Analyzing interactions between moving entities
- Simulation and agent-based modeling of movement
- Cross-scale movement pattern analysis
- Entity behavior as a driver for patterns of movement

Please submit your abstract through the AAG annual meeting online submission system and then send the title, abstract, and your PIN to Somayeh Dodge (sdodge3@uccs.edu) by October 19, 2015.

Session organizers:

Somayeh Dodge (University of Colorado at Colorado Springs, sdodge3@uccs.edu)

Sean C. Ahearn (City University of New York - Hunter College, sahearn@hunter.cuny.edu)

Jennifer Miller (University of Texas at Austin, jennifer.miller@austin.utexas.edu)

AAG CFP: Agriculture, Environment, and Health

The rapid development of modern agriculture could help alleviate the hunger problem across the world. At the same time, increased agricultural activities also bring problems to environment, society, and ultimately population health. For example, the growth and consumption of Genetically Modified Organisms (GMO) products may lead to environmental degradation and do harm to population health; the use of agricultural pesticides elevates the risk of diseases such as Parkinson's Disease and cancer among farmers and the general population. Recent advances in GIS and remote sensing allow researchers to examine and understand these dimensions from new perspectives. This session seeks papers that focus on the interactions among agriculture production, environment, society well-being, and population health. Papers that examine such interactions at the global level

are especially encouraged. Potential topics include, but are not limited to:

- Methods for modeling and mapping the environmental and social consequence of agriculture activities
- Relationships among climate change, agriculture production, and health
- Health outcomes of pesticides usage and exposure
- GIS/Remote Sensing applications in agriculture, society, and health
- Environmental and public health consequences of GMO products
- Occupational health of farmers and agriculture workers

Organizer: Neng Wan, University of Utah, neng.wan@geog.utah.edu

To participate in this session, please 1) register and submit your abstract (250 words maximum) to AAG following the AAG guidelines (<http://www.aag.org/cs/annualmeeting/register>); and 2) send the title and the PIN number to Neng Wan at neng.wan@geog.utah.edu by October 25, 2015. Please feel free to email Neng Wan if you have any questions.

AAG CFP: Jacques May Thesis Prize

The Health and Medical Geography Specialty Group (HMGSG) of the AAG is accepting submissions for the Jacques May Thesis Prize. Since 1985, the prize has been awarded to Master's and doctoral theses addressing themes in health and medical geography broadly defined, as judged by a panel of

reviewers. Theses will be judged on their contribution to the field, their methodological approach, organization, and written composition. Ph.D. dissertation winners receive an official certificate and a cash award of \$250, and Master's thesis winners receive the certificate and a cash award of \$150.

Eligibility: Master's or doctoral theses officially completed during the 24 months prior to the submission deadline are eligible, provided that they have not been previously considered for the Prize. Membership in the Association of American Geographers is required, but membership in the HMGSG is not.

Submission and Review: Submissions should be sent to Michael Widener at michael.widener@utoronto.ca. Only electronic submissions will be considered. Theses must be in PDF (Adobe Acrobat) format, and completely anonymous to enable double-blind reviews (i.e., the thesis must be free of all references to the author in the front matter, notes, references, headers, etc.). Theses will be reviewed by at least two anonymous referees, who will make their recommendations to the HMGSG board. The HMGSG will announce the winner of the prize before the AAG Meeting.

In the email message accompanying the submission, please include the following information:

- Full name and current contact information department and university affiliation
- Title of thesis
- Thesis category (masters or doctoral);
- A brief abstract;
- Name of your thesis advisor, and

- Names and email addresses for 4-5 potential reviewers. (note: Reviewers must not be committee members or faculty at the student's university, or associated with the project in any way. Key authors in the field (e.g., from student bibliographies) would be appropriate.)

Submission Deadline: The submission deadline is 5pm EDT October 29th, 2015. Please see submission details at:

<http://hmsg.org/jacquesmaythesisprize/>

John Odland Award (SAM student paper competition). The Spatial Analysis and Modeling (SAM) Specialty Group of the Association of American Geographers is sponsoring John Odland Award (SAM student paper competition) at the 2016 AAG Meeting in San Francisco, California. The prizes will total a minimum of \$1,800.

The competition is open to active undergraduate and graduate students who have previously not won the award. Papers may be of a theoretical or applied nature. They 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 subfield of geography; (2) appropriate and sound use of methodology; (3) originality; (4) organization and written composition of the paper; and (5) quality of oral presentation.

Students wishing to enter the competition should submit the title and 250-word abstract

of their paper to SAM Board Member Enki Yoo (eunhye@buffalo.edu) after registering to attend the 2016 AAG. Students should also include the PIN from their registration so that SAM can coordinate with the AAG to place competition papers into special sessions. The deadline to enter the competition is **October 31, 2015**. All students entering the competition must submit their completed papers in .doc or .pdf format to the same e-mail address (eunhye@buffalo.edu) by **March 1, 2016**. Late submissions will not be accepted.

The paper must be based on research primarily conducted while the student was at an accredited university. Coauthored paper is accepted as long as the student is the primary author of the manuscript. Each entrant must submit a statement with their completed paper from a university faculty member, preferably their undergraduate or graduate advisor, describing the role of the student in completing the paper. The same paper cannot be submitted for multiple competitions and may not be submitted multiple years.

The title page of the submitted paper should include the name, current affiliation, mailing address, telephone number and e-mail address of the entrant. The following page should include only the title of the paper and an abstract. No identifying information should appear anywhere else than on the title page of the paper. Papers should be no longer than 35 double-spaced pages, including tables, figures and references.

A panel of judges will review the papers before the AAG meeting. The judges will also evaluate student presentations. The winner(s), if any,

will be announced at the SAM specialty group business meeting and at the AAG Awards Luncheon. The judges' decision, including the possibility of not awarding a prize, is final.

Important Dates:

Abstract Submission Deadline: October 31, 2015

Full Paper Submission Deadline: March 1, 2016

Questions about the competition also can be directed to eunhye@buffalo.edu.

CFP: IJGER Special issue on "Big Data and Geographic Information"

The International Journal of Geospatial and Environmental Research (IJGER) is an open-access, peer-reviewed international journal published on behalf of Korea-America Association for Geospatial and Environmental Sciences. IJGER provides a forum for discussion among researchers in all fields of geography, both human and physical, and environmental research that has an explicit spatial dimension (<http://dc.uwm.edu/ijger/>). It places particular emphasis on development and applications of geospatial technologies, such as geographic information system, remote sensing, and spatial analysis.

The Editors invite submission of papers that can be considered for inclusion in the special issue of IJGER, which is scheduled to be published by May 2016.

Recently, Big Data opened up for new insights on geographic information and technologies. We invite original research papers on theoretical developments and applications

demonstrating the use of Big Data as well as tools and technologies of Big Data services.

The potential research topics for this special issue include, but are not limited to, the following:

- Theoretical developments and knowledge discovery with Big Data
- Big Data in geospatial and environmental sciences
- Measurement, analysis and methodological questions of Big Data
- Big Data infrastructure
- Institutional issues, organization and networks dealing with Big Data
- Application of Big Data
- Use of Big Data technologies
- Scientific Visualization of Big Data
- Data Mining
- Volunteered Geographic Information
- Big Data and education in geospatial and environmental sciences

Time-line: October 10, 2015: First solicitation of submissions; November 10, 2015: Abstract submission deadline (not more than 250 words; email to ljger.siz@gmail.com); November 30, 2015: Email Notification of abstract review results; January 31, 2016: Submission of manuscripts (submit at <http://dc.uwm.edu/ijger>); March 27, 2016: Editorial decision sent to authors; April 30, 2016: Final revised paper submission deadline; May 15, 2016: Final editorial decision sent to authors; May 31, 2016: Manuscript published online.

Inquiries should be directed to: Assistant Editor Dr. Sunhui Sim (ssim@una.edu) .

JOB POSTING:

TT GIScience position at UTK

The Department of Geography at the University of Tennessee, Knoxville seeks an outstanding scholar to fill a tenure-track position at the Assistant Professor level. We invite applications from individuals with research that pushes the frontiers of Geographic Information Science. Applicants who can enhance the GIScience program through innovative research and teaching are encouraged to apply. Applicants must have a doctoral degree in Geography at the time of appointment.

The successful candidate will be expected to establish and maintain a strong program of research and publication in GIScience, which may include geovisualization, spatial analysis, geocomputation, and GIS and Society. Applicants should exhibit clear potential for a robust, externally-funded research program, and show ability to mentor students from diverse backgrounds. Candidates will be expected to demonstrate effective strategies in teaching beginning, advanced and applied GIScience courses and to take an active role in bringing innovation and creativity to the development of the GIScience curriculum. In addition, the Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University.

The Department of Geography occupies the Burchfiel Geography Building at the heart of the Knoxville campus. The department consists of 16 full-time faculty, approximately 60

graduate students (MS and PhD), and 70 undergraduate majors, and is committed to maintaining research and teaching excellence in human geography, physical geography, and GIScience. The GIScience program has built strong collaborations with Oak Ridge National Laboratory, has three large GIScience teaching labs, and the Claxton Lab Facility, which comprises nine offices and computational infrastructure for use in externally-funded GIS research. The department also participates in interdisciplinary degree programs in computational science, water resources, and environmental policy. To learn more about the department, visit: <http://geography.utk.edu>.

Interested applicants should send a curriculum vitae and a cover letter with separate statements on research and teaching philosophies, and arrange to have three letters of reference sent by the deadline. Electronic applications are required and all files must be emailed to Ms. Norma Galyon (gissearch@utk.edu). All inquiries should be directed to Dr. Nicholas Nagle, Search Committee Chair, Department of Geography, University of Tennessee, Knoxville, TN 37996-0925 (nnagle@utk.edu). Review of applications will begin November 15, 2015, and will continue until filled, with a position start date of August 1, 2016.

INFORMATION

Spatial Analysis and Modeling (SAM) Specialty Group

Our mission is to foster and maintain interaction, cooperation and community among individuals interested in the analysis of geo-referenced data, modeling of spatio-temporal 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, GIS, remote sensing, spatial statistical, mathematical and computational techniques for spatial analysis. For more information, see the SAM-SG homepage (<http://sam-aag.org/>).

Membership Dues

Regular: \$6
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, and jobs. 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 submission by email to Jennifer Miller (Jennifer.miller@austin.utexas.edu) in text or

rich text format. Photos or other images, with captions, are also welcome (GIF, JPG, or PNG).

SAM Newsletter Editor

Jennifer Miller

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Term expires: 2017