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

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FROM THE CHAIR

Dear SAM Members,

First I would like to thank Drs. Ningchuan Xiao and Eric Delmelle, who served as SAM chair and board member for the past three years. As SAM members and officers, we all have witnessed their valuable service and substantial contributions to the SAM community!

During the 2012 SAM business meeting, we elected two new officers, myself as SAM Chair, and Dr. Yongwan Chun as board member. We thank you for your continuous support for the SAM specialty group.

SAM sponsors a number of special sessions each year at AAG meetings. At the coming year's AAG meeting, SAM will continue sponsoring a wide range of sessions related to quantitative and GIScience methodology and applications. Particular thanks go to Dr. Daniel A. Griffith, Editor of *Geographical Analysis*, who has been working with SAM to organize a plenary session featuring Dr. Morton E. O'Kelly from The Ohio State University. It is also greatly appreciated that Dr. Joni Downs, SAM board member, is organizing a student paper session.

My agenda for the SAM 2013 business meeting is wide open at this moment. While expecting a continued discussion of the student paper competition, I would like to bring to your attention that a SAM Outstanding Service Award, which aims to recognize any SAM member's exceptional contributions to the SAM community, will be discussed in the business meeting. You are cordially invited to attend the 2013 SAM business meeting, to share your great ideas on how the specialty group may develop and better serve the SAM community. Please send along your thoughts or ideas to me at lan@mail.sdsu.edu. I look forward to seeing you at the 2013 AAG meeting.

Sincerely yours,

Li An
Associate Professor
Department of Geography
San Diego State University

NEWS

Morton E. O'Kelly, a professor of geography at the Ohio State University, has been chosen as the speaker of **SAM Plenary Lecture** at the 2013 AAG Meeting in Los Angeles, CA. He has made fundamental contributions to the fields of spatial analysis and modeling. He is an internationally known scholar in spatial interaction modeling and its applications in spatial analysis and modeling. He has examined the network prospects for modeling spatial interactions, such as hub networks and telecommunication networks. His current NSF-funded research continues his long standing interest in hub location problems. The new ideas reflect a blend of optimization with an analysis of environmental impacts of hub and gateway systems: a consequence of high levels of global interaction. His research fields include transportation, location theory and modeling, and optimization. He has also developed a strong interest in commuting. Throughout his career, he has worked on a series of papers with an historical view of US transport and development.

He is a distinguished scholar with an outstanding publication record. His scholarly work influences the interdisciplinary research beyond geography. His plenary speech will enlighten to the SAM community and epitomize the mission of SAM. He is an editorial board member of many journals such as *Annals of the Association of American Geographers*, *Geographic Analysis*, *Papers in Regional Science*, and *Professional Geographer*.

Li An, Associate Professor at San Diego State University, has just received funding ($1.3 million) for research in Fanjingshan National Nature Reserve (FNNR), China from the NSF program "Dynamics of Coupled Natural and Human Systems" for 4 years from 2012 to 2016. This project (http://www.nsf.gov/awardsearch/ showAward.do?AwardNumber=1212183&WT.z_pi ms_id=13681) is entitled "CNH: Impacts of Payments for Ecosystem Services in Coupled Natural and Human Systems". The entire research team consists of researchers and students from San Diego State University and the University of North Carolina at Chapel Hill (see our project website http://goldenmonkey. sdsu.edu/). The team will investigate the interactions between payments for ecosystem services programs, golden monkey

behavior and habitat dynamics, and local livelihoods using a diverse set of approaches including remote sensing, camera trapping, participatory mapping, interviews, and participatory agent-based modeling. Three doctoral students are sought in the following areas: 1) landscape ecology, remote sensing, habitat analysis; 2) GIScience and systems modeling; and 3) human geography and social demography. One MS student is sought in any one or combination of the following fields: 1) habitat modeling, 2) land cover change, 3) participatory mapping, and 4) econometric analysis. More details about these positions are available at http://complexity.sdsu.edu/News/News.htm.

JOBS

Assistant Professor, Department of Geography, The University of Central Arkansas.
The University of Central Arkansas, Department of Geography, invites applications for an Assistant Professor, tenure-track position in Physical Geography and GIS, beginning August 2013. It is expected that the person hired will have completed a doctoral program by the time of appointment. That person will be a broadly trained physical geographer with advanced geospatial technology skills. It is expected that the person hired will have the ability to teach lower and upper division courses in the Department of Geography (for example, Geography of World Regions and the Geography of Landforms); teach online, graduate-level GIS courses (for example, Spatial Analysis and Modeling and Fundamentals of Database Design and Development) in a Master's degree program; team-teach an Environmental Practicum course; and advise students in an Administration and Planning track in an Environmental Science program. The Department of Geography is interested in an enthusiastic individual who connects with students in and outside of the classroom, is engaged in scholarly research leading to publications, and has the ability to promote the geography program across campus and in the community. Salary is competitive.

Founded in 1907, the University of Central Arkansas is an accredited state-supported institution that awards the bachelor's, master's, specialist's and PhD degrees. The university has an enrollment of 11,000 students and a faculty of more than 400. Conway, a community of over 55,000, has three colleges and universities, and is located thirty miles northwest of

Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer. The website is www.uca.edu.

Applicants must send (via regular post or electronic mail) a cover letter providing information regarding teaching experience and suitability for the position, a detailed CV, and contact information for three references by November 30, 2012. Letters of reference and transcripts will be solicited for short-listed candidates.

Apply: Dr. Brooks Green, Chair, Department of Geography, University of Central Arkansas, 301 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas, 72035. Voice: 501-450-5636. FAX: 501-852-2926. E-mail: brooksg@uca.edu.

Chair, Department of Geography, University of Central Arkansas.

The Department of Geography at the University of Central Arkansas (www.uca.edu) invites applications for the position of Department Chair, effective July 1, 2013. This tenurable position will be at the rank of Full Professor.

Candidates must have a PhD in Geography but subfield and areas of interest are open. In addition, they must have a distinguished record of scholarship, teaching skills, and external grant support as well as demonstrated administrative ability and vision. Candidates at the level of associate professor may be considered if they demonstrate significant administrative ability and teaching skills. Preference will be given to candidates whose interests and experience are in line with the University's (http://uca.edu/about/mission) and the Department's mission (http://uca/edu/geography/message). Women and minorities are strongly encouraged to apply.
The eight full time faculty offer curricula leading to a BA and BS in geography and minors in geography and geographic information science. Environmental Science students in a Planning and Administration track are also advised within the Department. In addition, the Department administers and facilitates three online, graduate programs; a 15-hour GIS Certificate, a 30-hour Master of GIS degree, and a 36-hour Master of Science in Community and Economic Development degree. The Department enjoys strong demand for its courses and has experienced growth in geospatial- and environmental-related courses. Founded in 1907, the

University of Central Arkansas is an accredited, state-supported institution that awards the bachelor's, master's specialist's and PhD degrees. The university has an enrollment of 11,000 students and a faculty of more than 400. Conway, a community of over 55,000, has three colleges and universities, and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer.

Apply: Applicants should submit a cover letter; curriculum vitae; a statement about research, teaching, administrative experience, and vision; and a list of three references with their contact information. Letters of reference and transcripts will be solicited for short-listed candidates.
The review of applications will begin after November 1, 2012, and will continue until the position if filled. Candidates may send all material via regular post, FAX, or electronic mail to Dr. Maurice A. Lee, Dean, College of Liberal Arts, University of Central Arkansas, 120 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas 72035. Voice: 501-450-3167. FAX: 501-450-5185. E-mail: MauriceL@uca.edu.

Assistant Professor, Department of Geography, Humboldt State University.

Humboldt State University Department of Geography invites applications for a full-time tenure-track faculty position with a specialty in Cartography and Geospatial Analysis beginning August 2013. We seek to fill this position at the Assistant Professor level; rank and salary are dependent upon the appointee's qualifications and experience.

Strong geospatial analysis and design skills in teaching and research are required. Candidates must demonstrate ability to communicate information in topical or applied research using cartographic design and geospatial analysis. The successful candidate must be committed to quality undergraduate teaching and scholarship. Primary teaching responsibilities include upper-division cartographic and geospatial analysis courses, with at least one other upper division topical or technical course that employs geospatial analysis. This position serves as Director of the HSU Institute for Cartographic Design. Other responsibilities include a commitment to scholarship and service. Ph.D. in Geography or closely related field is preferred at the time of

appointment (completion of Ph.D. is required prior to start of 2nd probationary year).

The Geography Department includes 120 majors, a dedicated Geospatial lab, Dendroecology lab, smart classrooms, and superb opportunities for field study. This position is open until filled. First review begins October 30, 2012. For the full vacancy announcement and application instructions, see: http://apptrkr.com/255279.
For details about the University and the Department, see: http://humboldt.edu/geography/.
HSU is an EO/Title IX/ADA employer.

Assistant Professor, Department of Geography, Humboldt State University.
Humboldt State University's Department of Environmental Science and Management invites applications for an academic-year tenure-track faculty position in Geospatial Science starting August 2013 (Job#7541). Successful candidate will teach courses in GIS, geospatial modeling, and mobile mapping, and will develop an active research program involving students. Ph.D. in Geospatial Science, Natural Resources, Forestry, Geography, Environmental Science, or a closely related field is preferred at time of appointment. ABDs considered. Must have interest and ability to teach a range of geospatial courses, technical expertise using ArcGIS software, and record of or potential for research, scholarly and/or creative activity.

Position is open until filled. First review November 1, 2012. For more information and complete vacancy announcement, visit: http://apptrkr.com/253774.

Assistant Professor or Associate Professor with tenure, Department of Geography, University of California, Berkeley
The Department of Geography seeks a human geographer who, among other methods, uses GIS to study the patterns and processes of social, economic, or environmental features of modern life. The successful candidate's scholarship will recognize that GIS itself is an important component of social processes that are transforming landscapes. The successful candidate must have a PhD or equivalent in geography or a closely related discipline by date of hire.

Submit letter of application (including statements of research and teaching interest), curriculum vitae, up to three reprints, and the names of three references, their addresses, and their e-mail addresses, by December 1, 2012. All recommendation letters will be treated as confidential per University of California policy and California state law. Please refer your potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality:
http://apo.chance.berkeley.edu/evalltr.html. Please submit all materials electronically to the following URL:
https://aprecruit.berkeley.edu/apply/JPF00060.
The University of California is an Equal Opportunity/Affirmative Action Employer. The University is committed to addressing the family needs of faculty, including dual career couples and single parents. We are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research, and service. For more information see http://calcierge.berkeley.edu/.

Open-ranked tenured and tenure track position, joint in the Department of Statistics and a department or departments in the Division of Social Sciences, University of California, Los Angeles.
We seek a faculty member contributing at the cutting edge to the development of statistical methodology relevant to the social sciences. We welcome candidates whose experience in teaching, research or community service has prepared them to contribute to our commitment to diversity and excellence. Duties include new course development, teaching, and methodological and collaborative research. Ph.D. required by date of anticipated appointment of July 1, 2013. Salary will be commensurate with education and experience. Please refer to Tracking Job #1015-1213-01 on all correspondence.

Reviews for the position begin October 1, 2012, and will continue until the position is filled. Apply: Interested applicants should send a letter describing how their qualifications and interests would fit with the position description, along with their curriculum vitae, research statement, and teaching statement to: Professor Mark S. Handcock; Chair, Social Statistics Recruitment Committee; Department of Statistics; University of California at Los Angeles; 8125 Math Sciences Building; Box 951554; Los Angeles, CA 90095-1554. E-mail: css@stat.ucla.edu. The

applicants should arrange for three letters of recommendation to be sent to Professor Handcock. For more information on the departments in the Division of Social Sciences see www.sscnet.ucla.edu.

UCLA is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity. Women and Minorities are especially encouraged to apply.

Visiting Assistant Professor, MS GIS Program, University of Redlands.

The University of Redlands seeks applicants for a two-year, visiting assistant professor position to begin 1/2/13. The position will be located in the MS GIS Program. The visitor will teach six course equivalents/year (32-36 credits) within our undergraduate Environmental Studies, emerging Spatial Studies, and Master of Science in GIS Programs. These diverse teaching responsibilities extend over an 11-month period each year. For more information please refer to the University of Redlands employment page at: http://www.redlands.edu/offices-directories/human-resources/13543.aspx.

Jack and Laura Dangermond Endowed Chair in Geography, Department of Geography, University of California, Santa Barbara.

The University of California, Santa Barbara, Department of Geography invites applications for the Jack and Laura Dangermond Endowed Chair in Geography. This position is open rank. The successful candidate will have active research and teaching interests in Geographic Information Science. He or she would be broadly trained including interdisciplinary experience and commitment to disciplines directly relevant to GIScience.

Appointment to the directorship of UCSB's multidisciplinary Center for Spatial Studies is also a possibility. In order to be considered for the Center directorship, the successful candidate should also be committed to the advancement of spatial education and the use of spatial perspectives across the sciences, engineering, and the humanities. A focus on spatial reasoning, spatial thinking, spatial cognition, or fundamental spatial concepts would be especially relevant to the directorship.

Only applicants with a PhD will be considered. The Department has strengths in three broadly defined areas: human-environment relations; modeling, measurement, and computation; and earth system science. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, service, and teaching and, through the Center for Spatial Studies, contribute to the interdisciplinary advancement of spatial knowledge across campus. The application deadline is November 30, 2012; the starting date is July 1, 2013.

Apply: Qualified applicants should send their complete curriculum vitae, statement of research and teaching interests, and names of three referees with addresses, preferably by email, to: dangermond_chair@geog.ucsb.edu; or by mail to: Search Committee; Department of Geography; University of California, Santa Barbara; Santa Barbara, CA 93106-4060.

To learn more about the department, visit our website at www.geog.ucsb.edu. An EO/AA Employer.

Head, Department of Geography, University of Connecticut.

The Department of Geography at the University of Connecticut invites applications for the position of department head beginning August 2013. Specialization is open, but preference will be given to candidates who have been broadly trained, who value the range of methods that geographers employ, and who have experience in interdisciplinary engagement. The successful candidate for this position will have a Ph.D. in Geography or cognate field, with academic achievements commensurate with appointment as a full professor with tenure; a highly distinguished record of research, teaching, and mentoring graduate students; and demonstrated leadership and administrative skills and experience. The Department has 14 faculty, (five have joined in the last five years) with expertise in human geography, environmental change and geographic information science, and is poised to expand further as the University of Connecticut recruits an additional 275 faculty to consolidate its position as the best public university in New England and one of the top 20 public universities nationwide. The successful candidate will be expected to advance the department's mission by attracting and mentoring the highest quality faculty, strengthening the

graduate program, and expanding the department's interdisciplinary research activities. Overall, the Head will be tasked with guiding Geography at the University of Connecticut to a higher level of national stature. Further information about the department can be found at: http://www.geog.uconn.edu/. Interested candidates should apply online with their CV, three separate 1-2 page statements that describe their leadership philosophy, teaching philosophy, and research specialization, and contact information for five (5) references (contact with references will not be made without your prior consent and only if selected as a viable candidate). Screening of applications will begin November 15, 2012, and continue until the position is filled. The University of Connecticut actively solicits applications from minorities, women, and people with disabilities. The University of Connecticut is an EEO/AA employer. (Search #2013053). For further information about this position please contact the Chair of the Search Committee, Anji Seth (anji.seth@uconn.edu).

Tenure-track position, Global Development Studies, Grinnell College.

Grinnell College. Tenure-track position in Global Development Studies (International Development and GIScience), starting Fall 2013. Assistant Professor (Ph.D. preferred); Instructor (ABD) or Associate Professor possible. The successful candidate will teach in the interdisciplinary Global Development Studies Concentration and have the opportunity to contribute to other concentrations (e.g., Environmental Studies, Policy Studies) and possibly to a department. We are looking for someone trained in the social studies with expertise in GIScience and an area of international development. Areas of interest include, but are not limited to, human-environment interactions, health, demography, economic geography, gender, and urban/regional planning. The teaching schedule is five courses over two semesters. In consultation with the successful candidate, the College will assign an appropriate department of appointment.
For complete description and application instructions, please see https://jobs.grinnell.edu. To be assured of full consideration, all application materials should be received by October 12, 2012. Questions about this search should be directed to the search chair, Professor J. Montgomery Roper at GDSSearch@grinnell.edu or 641-269-4343. AA/EOE.

Assistant Professor, Department of Geography, The University of Iowa.

The Department of Geography at The University of Iowa invites applications for a tenure-track appointment at the rank of Assistant Professor in the area of International Health. The appointment will begin in August 2013.

The department's focus is on human-environment interaction informed by geographic information science. We seek an outstanding candidate in the area of international health who will enhance our national and international reputation in health geography and the application of GIScience to health problems. The applicant's primary teaching and research interests could include, for example, topics on access to health care from an international perspective, the rise of non-communicable diseases in the developing world, or the spread of infectious diseases as a consequence of climate change. Knowledge about the use of geographic information technologies in teaching and research is expected.

The successful candidate will have a Ph.D. in geography or related discipline by the time of appointment, a commitment to excellence in teaching and research in an active department with a graduate program, and show promise for gaining external funding to support research activities. The ability to complement one or more of the department's other strength areas in geographic information science, land use science, environmental policy, and biogeography is desirable. The candidate will have an opportunity to contribute to several current extra-departmental teaching and research initiatives on the UIowa campus, for example, the Global Health Studies Program and UIowa's popular International Studies major that has an emphasis area in international health. The Department of Geography and College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University and College reflect this commitment. Women and members of underrepresented minorities are especially encouraged to apply. The University of Iowa is an affirmative action/equal opportunity employer. For further information, please see our web page describing this position at http://www.uiowa.edu/~geog/healthposition and http:/jobs.uiowa.edu, requisition #61143. Candidates must submit applications online at http://jobs.uiowa.edu/ (requisition #61143). Attachments to the application should include a

letter of application, a CV, a statement of research interest, a statement of teaching interest, and evidence of teaching effectiveness. Three letters of recommendation are required as part of the application process. Upon submission, references selected will be notified by e-mail with directions on how to electronically submit letters to the University of Iowa.

Screening of applications begins November 9, 2012 and will continue until the position is filled. Questions regarding this position can be directed to Professor Kathleen Stewart, kathleen-stewart@uiowa.edu or 319-335-0161.

Post Doctoral Research Associate at the Center for Geographic Analysis (CGA), Harvard University.
The primary responsibility of the appointee is to design and implement new spatial reasoning curricula at Harvard College and other schools at Harvard University. The successful candidate will interact with several different faculty members to customize new instructional content. S/he will provide instructional support in four distinct manners: 1) designing new geographic modules for diverse courses, 2) preparing learning materials, 3) training teaching assistants, and 4) providing learning support, including technical support in classrooms and tutorial environments.

Additional responsibilities include enhancing the CGA's highly successful geospatial technology training programs, and contributing to the general geospatial support of teaching, learning, and research across departments and schools at Harvard University.

The successful candidate must have a recent Ph.D. in geography or a related program, with a strong component in geospatial technology; must have excellent oral and written communication skills. Previous teaching experience strongly preferred. Systematic training and hands-on experience in remote sensing is a plus.

The position will remain open until filled. Harvard is an Equal Opportunity/Affirmative Action employer. Minority and women candidates are encouraged to apply. To apply: please send application letter, CV and three recommendation letters to wguan@cga.harvard.edu.

Faculty Research Fellow, The Survey Research Center in the Institute for Social Research, University of Michigan.
The Survey Research Center in the Institute for Social Research at the University of Michigan invites applications from outstanding candidates for Faculty Research Fellow appointments in any area of social science research including anthropology, demography, economics, education, geography, psychology, public health, social epidemiology, social work, sociology, survey methodology, statistics, and urban studies. Faculty Research Fellow appointments are designed to be commensurate and competitive with tenure-track academic or research appointments at any leading research university or organization, and are intended to lead directly into a Research Professor tenure-track career within the Survey Research Center.
We seek to attract the very best early career social scientists whose interests and aspirations incline them toward a career doing externally funded interdisciplinary social science research on problems of social and scientific importance (e.g., education, poverty and social welfare, psychosocial and economic factors of aging and health, social and psychological development of individuals and families over the life course).
Applicants may initiate the process by submitting a letter describing their scholarly activities and interests in SRC, along with a curriculum vita, names of three references, and one or two recent publications or working papers. Concurrently, applicants should request that the three letters of reference be sent directly to the e-mail address below. Send applications, letters of reference, and inquiries electronically to SRCSearch@isr.umich.edu. Reference position # 72722. Applicants are encouraged to apply no later than November 1, 2012.
For more information on the Survey Research Center and the Faculty Research Fellows Program, visit our Web site at http://www.src.isr.umich.edu.
The University of Michigan is an Affirmative Action/Equal Opportunity Employer and is responsive to the needs of dual career couples. Women and minority candidates are encouraged to apply.

Reusché Chair in Geography, Department of Geography, The Ohio State University.
The Department seeks an outstanding and distinguished researcher with a strong commitment to geographic information science. Appointment will

be at the rank of Professor. Established in 2012, the Reusché Chair is endowed by a generous gift from Bob and Mary Reusché. We seek candidates who are committed to the highest standards of scholarship and professional research and educational activities, and to the development of graduates who will continue to shape and advance the discipline. In keeping with the strong tradition of excellence at Ohio State, the Reusché Chair is expected to provide leadership in enhancing the department's reputation. This position is expected to help the department reach its goal of international/national eminence in GIScience and the production of geographic knowledge. Although the area of specialization is open, the department is particularly interested in candidates whose records demonstrate advanced contributions to cognate fields such as spatial analysis, epidemiology/ public health, transportation/urban studies, or environmental science.

Apply: Applicants should submit a letter of interest, current CV, and the names of three references to: Reusché Chair Search, Department of Geography 1036 Derby Hall, 154 N Oval Mall, Columbus OH 43210. E-mail is acceptable and should be sent to Morton O'Kelly, Chair, Reusché Chair Search Committee, Department of Geography, OSU. E-mail: okelly.1@osu.edu.

To build a diverse workforce, Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. EEO/AA employer.

Consideration of applications will commence on or about November 1, 2012, and will continue until the position is filled.

Assistant Professor, Department of Geography, The Pennsylvania State University.
We are interested in candidates who will strengthen the Department of Geography's research and teaching program and help build strong connections to other relevant science communities. GIScience research in the Department is coordinated through the GeoVISTA Center (www.geovista.psu.edu), an interdisciplinary GIScience unit based in Geography involving several core faculty members and numerous related faculty from departments across campus. Candidates with research expertise in any area of GIScience will be considered. Excellence in teaching, research, and service is expected, as is extramural funding. Participation in the department's online programs, such as the Masters of Geographic

Information Systems (MGIS), is also expected. Applicants should submit, in digital form: 1) a letter describing how they would contribute to the Department's teaching and research program; 2) a complete curriculum vitae; and 3) the names and addresses (including e-mail and fax) of three to five referees. Review of applications will begin December 1, 2012, but applications will be accepted until the position is filled. Applications from women and under-represented groups are encouraged. Ph.D. should be in-hand at time of application.

Apply: All applicants must submit their materials to Dr. Alexander Klippel, Chair, Search Committee, Department of Geography, The Pennsylvania State University, 302 Walker Building, University Park, PA 16802 Phone: (814) 865-3433; Fax: (814) 863-7943; E-mail: klippel@psu.edu. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

Assistant Professor, Department of Political Science and Geography, University of Texas at San Antonio.
The Department of Political Science and Geography at the University of Texas at San Antonio (UTSA) invites applicants for a tenure-track position at the Assistant Professor level in Urban Geography/Geographic Information Systems (GIS) to begin Fall 2013. Required Qualifications: All applicants must have a Ph.D. in Geography by August 31, 2013. The successful applicant should be able to: Demonstrate potential to conduct and publish scholarly research; demonstrate potential for quality teaching and development of the geography program in the University and community; and be committed to Department and University service. Preferred Qualifications: Primary or secondary research interest outside of the USA. Responsibilities: Teach, advice and mentor students; teach undergraduate and graduate courses, including Urban Geography. Upper division courses may include Urban Geography, Introduction to Urban Planning, Urban and Regional Analysis, Introduction to GIS, Advanced GIS, and Spatial Analysis. Courses will be offered at the UTSA Main or Downtown Campuses.

The Department of Political Science and Geography is a Department in the College of Liberal and Fine Arts. Its faculty has a strong reputation for excellence in teaching and research. UTSA is one of the fastest-growing components of the University of

Texas System, and enrolls over 30,000 students at two campuses. It offers 49 M.A. and 22 Ph.D. degrees; a geography M.A. has been submitted for approval. San Antonio and the surrounding communities are culturally and physically rich laboratories for teaching, research, and community involvement. University classrooms are fully technology equipped and the department and college have new computer laboratory facilities.

Applicants should submit electronically in pdf format: Letter of application that specifies research and teaching interests and qualifications for the position; Current curriculum vita; Copy of graduate transcripts; Samples of written or published scholarly works (no more than three); Two syllabi for geography courses taught or proposed by the applicant; Teaching evaluations (if available). Request three referees who are familiar with the applicant's work to email letters of recommendation directly to email address below, dated no later than November 29, 2012.

Send electronic materials to: DPS&G@utsa.edu. Review of applications will begin on December 1, 2012 and will continue until position is filled.

UTSA is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply. Applicants who are selected for interviews must be able to show proof that they will be eligible and qualified to work in the United States by time of hire.

Chair, Department of Geography and the Environment, The University of Texas at Austin. The University of Texas at Austin invites applications for the position of Chair of the Department of Geography and the Environment to begin in fall 2013. The department has fifteen faculty members and encompasses a broad range of disciplines including social-cultural geography, environmental change, and geographic information systems. Field of specialization for this position is open, but should complement departmental strengths. The Chair is expected to advance the department's mission by attracting and mentoring the highest quality faculty, expanding and broadening the department's interdisciplinary research activities, and initiating innovative educational programs both at the undergraduate and graduate levels. International research experience is desirable, as is the ability to understand and support the department's varied sub-disciplines. Additional

information about the department is available online at: http://www.utexas.edu/cola/depts/geography/.

As a faculty member, the successful candidate will be expected to maintain a strong and productive research program, direct graduate research, exhibit excellence in graduate and undergraduate teaching, and demonstrate a commitment to service to the department, college, and university. The successful candidate for this position will have a Ph.D. in Geography or related field, with academic achievements commensurate with appointment as a full professor with tenure; a highly distinguished record of research; international recognition in his or her field; and demonstrated leadership and administrative skills and experience. Salary will be commensurate with qualifications and experience. Position funding pending budgetary approval. Apply: An application consisting of a curriculum vitae, letter of interest, a concise statement on administration, research, and teaching, and the names of five referees should be sent to: Department Chair Search Committee, Department of Geography and the Environment, University of Texas, 210 W. 24th Street, Mail Stop A3100, Austin TX 78712-1697.

The committee will begin reviewing applications on October 1, 2012 and will continue until the position is filled. A background check will be conducted on selected applicant.

The University of Texas at Austin is an Affirmative Action/Equal Opportunity Employer.

GIS Teaching Fellows, Department of Geography, Middlebury College. The Geography Department at Middlebury College invites applicants for a newly created GIS Teaching Fellows Program, designed to encourage the expansion of GIS instruction across the liberal arts curriculum. We seek recent doctoral recipients or advanced ABD candidates from any academic discipline who have applied GIS in their doctoral research and have demonstrated excellence in undergraduate teaching. Middlebury's GIS Teaching Fellows will be appointed to a nine-month term, to begin in September 2013. In the fall semester, Fellows will assist Geography Department faculty in teaching the department's Fundamentals of GIS course. In addition, Fellows will participate in a weekly seminar focused on GIS pedagogy, during which each Fellow will develop a new GIS-based

course related to his or her area of expertise. In the spring semester, the Fellows will jointly teach the Fundamentals course and their own newly developed courses. Teaching Fellows will be expected to be resident at Middlebury College from September through May.

Middlebury College is a top-tier liberal arts college with a demonstrated commitment to excellence in faculty teaching and research. An Equal Opportunity Employer, the College is committed to hiring a diverse faculty as we work to foster innovation in our curriculum and to provide a rich and varied educational experience to our increasingly diverse student body.

Review of applications will begin November 1 and continue until the position is filled. Middlebury College uses Interfolio to collect all faculty job applications electronically. Email and paper applications will not be accepted. Through Interfolio, please submit a letter of application addressed to Professor Jeff Howarth, Teaching Fellows Search Chair, along with a current curriculum vitae, a one- to two-page description of a new GIS-based course with an applied or disciplinary focus, and three letters of recommendation, at least two of which address teaching ability. More information at: https://secure.interfolio.com/apply/15005.

Assistant Director, The Wyoming Geographic Information Science Center, University of Wyoming.
The Wyoming Geographic Information Science Center at the University of Wyoming invites applications for the position of Assistant Director, with a joint nine-month academic appointment at the Assistant Research Scientist level in the Department of Geography. We seek a team-oriented scientist/manager committed to fostering collaborative environments to support the Center's mission to advance the knowledge and application of geographic information science and technology in academia, government and business throughout Wyoming, the Rocky Mountain West and beyond.

Full details on the position and application process are available at:
http://www.uwyo.edu/hr/hremployment/showjob.asp?jobid=13246. Applications received by October 8, 2012 are guaranteed full consideration and the position will remain open until filled. The preferred

start date for this full-time extended-term appointment is January 1, 2013.
The University of Wyoming is an EEO/AA employer. UW is dedicated to ensuring a safe and secure environment for our faculty, staff, students and visitors. To achieve that goal, a background investigation will be conducted on the successful candidate prior to employment. For further information and informal inquiries, please contact Jeff Hamerlinck (jeff.hamerlinck@uwyo.edu).

Associate Professor, Department of Geography and Geology, University of Copenhagen.
A position as an Associate Professor within GIS/Geoinformatics is vacant at the Department of Geography and Geology, University of Copenhagen. The position is associated with an established research group focusing on urbanization, urban planning, landscape change and management of the environment as well as innovative applications of geographic information systems and geoinformatics. The research activities of the group are carried out in both Europe and Africa.

Qualifications: The Department wishes to further strengthen its position as a major center for GIS education and research in Denmark. The successful applicant should contribute to this goal by providing a strong research and teaching background in disciplines related to GIS-based spatial analysis and/or high-resolution remote sensing. The successful applicant should contribute to the cross-disciplinary efforts of the research group as well as engage in the associated teaching activities at all levels in accordance with the agreements at the department. A demonstrated success in obtaining research funds would be advantageous.
Enquiries about the position can be made to Associate Professor Lasse Møller-Jensen, tel.: +45 3532 2566 or mail: lmj@geo.ku.dk.

The position is based in the Human Geography research group: Transformation of Cities and Landscapes. More information about the activities of the research group can be found at this link:
http://geo.ku.dk/english/research/research_group_/cities_landscapes/.

The deadline for applications is September 16, 2012. Applications or supplementary material received thereafter will not be considered. Please refer to the

following no. in future communication in this case: 211-0374.

CALLS AND MEETINGS

Spatial Statistics 2013
Revealing intricacies in spatial and spatio-temporal data with statistics
Columbus, Ohio, USA, June 4-7, 2013

You are cordially invited to attend the Spatial Statistics 2013 conference, which will be held in the Ohio Union at The Ohio State University, Columbus, OH, June 4-7, 2013. This conference provides state-of-the-art paper sessions in the field of spatial statistics, including the quantitative analysis of spatial data and the statistical modeling of spatial variability and uncertainty. Researchers participating in this conference come from various fields, including agriculture, geology, ecology, epidemiology, geography, hydrology, and spatial econometrics, and will present in paper, keynote and plenary sessions, participate in panel discussions, and contribute to poster presentation.

KEYNOTE SPEAKERS:
Robert Haining (University of Cambridge, UK)
Pierre Legendre (University of Montreal, Canada)
Jean Paelinck (George Mason University, USA)
Lance A. Waller (Emory University, USA)
Jinfeng Wang (Chinese Academy of Science at
   Beijing, China).

PLENARY SPEARKERS:
Sudipto Banerjee (University of Minnesota, USA)
Montserrat Fuentes (NC State University, USA)
Jorge Mateu (University of Navarra, Spain)
Ronny Vallejos (Universidad Técnica Federico
   Santa María, Chile)
Tonglin Zhang (Purdue University, USA).

SUBMISSION OF ABSTRACTS and SESSION PROPOSALS:
Submissions of individual paper abstracts, session proposals, and workshop proposals are welcome. An abstract can be submitted through the conference web site until February 25th, 2013. Persons who are interested in organizing a session can submit a session proposal until January 31st, 2013. Persons who are interested in organizing a workshop (half- or full-day workshops will be held on June 4,

immediately prior to the main meeting) can submit a session proposal until December 1st, 2012.

Selected papers from the conference will be eligible for publication in a special issue of *Spatial Statistics*, and, given sufficient interest and appropriate topics, special issues of *Geographical Analysis* and *Computers & Geosciences*.

For further information, please visit the conference web site:
http://www.spatialstatisticsconference.com/

Call for Papers: A special issue on geospatial analysis of volunteered geographic information with Computers, Environment and Urban Systems.

Volunteered geographic information (VGI), created by volunteers through crowdsourcing, represents a new phenomenon arising from Web 2.0 technologies. It constitutes one of the most important types of user-generated content, and is quickly becoming a new source of asserted geographic information, complementing the traditional authoritative geographic information collected by government agencies or private organizations. In the context of this call, we define VGI broadly as any georeferenced information that is freely distributable without copyright constraints for sharing among those interested. The increasing availability of VGI of various kinds such as OpenStreetMap, and digital traces of GPS, cell phones, Flickr photos, and tweets has dramatically transformed traditional geography to data-driven computational geography. The ways of doing geography are changing! Along with the emerging computational social science, we believe that the abundance of VGI provides an unprecedented opportunity for conducting innovative studies about the environment, cities, and human activities in both physical and virtual spaces. We call for original papers that focus on *geospatial analysis of VGI for a better understanding of geographic forms and processes, or of urban structure and dynamics in particular, as well as of human activities individually or collectively with various platforms of social media*. We are particularly interested in papers that *use VGI at a large scale to uncover hidden and surprising patterns*. We will archive your data, source codes, and other supplemental materials, along with the published papers.

SUBMISSION:
Original papers with a length of 6000-7000 words are welcome. To submit your paper, please follow the journal's Guide for Authors, and click http://ees.elsevier.com/ceus/. We encourage authors to consider the option of supplementary data including raw data, derived data and source codes; we particularly encourage authors to pack your supplementary data in such a manner that interested readers can easily replicate your results. Authors must select "Special Issue" while they reach the "Article Type" step in the submission process, and identify the "geospatial analysis of VGI" special issue in their cover letter. First-time users must register themselves as Author.

IMPORTANT DATES:
Paper submission due: 30 December 2012
Acceptance notification: 30 May 2013
Publication: 30 August 2013

Inquiries on the special issue can be directed to the guest editors, Bin Jiang (bin.jiang@hig.se) or Jean-Claude Thill (Jean-Claude.Thill@uncc.edu).

Call for Papers: ICA Workshop on Street Networks and Transport, August 23-24, 2013
In conjunction with 26th International Cartographic Conference, August 25-30, 2013, Dresden, Germany

Street networks, as one of the oldest infrastructure of transport in the world, play a significant role in modernization, sustainable development, and human daily activities in both ancient and modern times. Although street networks have been well studied in a variety of engineering and scientific disciplines including for instance transport, geography, urban planning, economics and even physics, our understanding of street networks in terms of their structure and dynamics is still very limited to deal with real world problems such as traffic jams, pollution, and human evacuations in case of disaster management. Thanks to the rapid development of geographic information science and related technologies, abundant data of street networks have been collected for better understanding the networks' behavior, and human activities constrained by the networks. This ICA workshop is intended to gather researchers together to present the state of the art research and studies, in an interdisciplinary setting, on street networks and transport. Suggested topics include, but not limited

to as long as they address issues related to street networks and/or transport:

Spatial statistics and spatial analysis along networks
Topological analysis and space syntax
Pattern recognition with street networks
Map generalization on street networks
Complexity measurement of street networks
Human evacuations and simulations
Transport modeling based on street networks
Geospatial analysis of the OpenStreetMap data

SUBMISSION:
All manuscripts in a length of 6000-7000 words should be in English, single column, single-spaced with figures and tables within the text. The manuscripts in MS Word 2003 format should contain authors' affiliation and email, abstract (no longer than 200 words), and up to five keywords. To submit, please use EasyChair at http://www.easychair.org/conferences/?conf=icaworkshop2013

IMPORTANT DATES:
Deadline for receiving papers: April 25, 2013
Acceptance notification: May 25, 2013
Workshop: August 23-24, 2013

PUBLICATION:
The papers selected for the workshop will follow a peer-review process for publication as a theme issue of the international journal *Geographical Analysis*.

Inquiries on the workshop can be directed to the workshop organizers, Bin Jiang (bin.jiang@hig.se) or Atsuyuki Okabe (atsu_okabe@sccs.aoyama.ac.jp).

Call for Papers: Payments for Ecosystem Services: Paths toward Sustainability, AAG Annual Meeting, 9-13 April 2013.

Many important ecosystem services have been degraded as a result of human activities. Even services derived from so-called protected areas are not immune to these threats. Indeed, much debate surrounds the topic of the most effective approaches to conservation. One approach has been to provide compensation to the parties protecting them in the form of payments for ecosystem services (PES). To counteract forces of degradation, governments, the private sector, and non-governmental organizations worldwide invest billions of dollars each year in

PES programs that provide incentives to resource users to take actions that sustain ecosystem services (or to refrain from taking actions that threaten ecosystem services). Despite reported successes in restoring and preserving ecosystems and their corresponding services such as clean air and water, food, soil fertility, forest resources, and eco-tourism, long-term PES program sustainability remains uncertain. PES lack of sustainability can arise from many reasons, one being that PES participants may return to their previous behavioral patterns when payments end.

This session will explore possible pathways toward PES sustainability, addressing the complex reciprocal relationships between PES programs and corresponding socioeconomic, demographic, and environmental systems. We particularly encourage review and research articles to address theoretical, methodological, and empirical issues related to (but not limited to) the following topics:

1. Land use or land cover change associated with PES programs
2. Ecological effects of PES programs (e.g., wildlife habitat or behavioral change)
3. Potential mechanisms for success/failure observed in current PES programs
4. Socioeconomic, demographic, and political consequences of PES programs
5. Methodological issues: collection of qualitative and quantitative data related to PES, data analysis and modeling, integration of multidisciplinary and multi-scale data, etc.
6. Complexity in coupled natural and human systems (CNH) arising from PES programs (e.g., feedback, nonlinearity, time lags). Analyses using similar integrated frameworks including coupled human and natural systems (CHANS), social-ecological systems, or social-environmental systems are also welcome.

To be considered for the sessions:
1. Please register and submit your abstract online following the AAG Guidelines (http://www.aag.org/cs/annualmeeting); and
2. Please send your paper title, PIN, and abstract no later than Wednesday, October 20 to the session organizers, Dr. Li An (lan@mail.sdsu.edu), Sarah Wandersee (wanderse@rohan.sdsu.edu), and Alex Zvoleff (azvoleff@mail.sdsu.edu).

COMPETITIONS

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 2013 AAG Meeting in Los Angeles, CA. The prizes will total a minimum of $1000.

The competition is open to all undergraduate and graduate students. 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 abstract of their paper to SAM Board Member Joni Downs (downs@usf.edu) after registering to attend the 2013 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 24, 2012. All students entering the competition must submit their completed papers in .doc or .pdf format to the same e-mail address (downs@usf.edu) by February 15, 2014.

The paper must be based on research primarily conducted while the student was at an accredited university. 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 entrant need not be a student at the time of the 2012 AAG meeting to enter the competition.

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. Winners should make themselves available to attend the Luncheon. The judges' decision, including the possibility of not awarding a prize, is final.

Questions about the competition also can be directed to downs@usf.edu.

INFORMATION

Spatial Analysis and Modeling (SAM)

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.

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 Yongwan Chun (ywchun@utdallas.edu) in text or rich text format. Photos or other images, with captions, are also welcome (GIF, JPG, or PNG).

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