The Department of Geography at Michigan State University invites applications for a tenure system appointment at the rank of Assistant Professor in the area of remote sensing and geographic information science. We are a large, collegial department with a long research and teaching tradition in RS/GIS and their application to social and environmental problems. As a land grant institution, Michigan State University offers tremendous opportunities for scientific collaboration with colleagues and students on regional and global issues.

Outstanding candidates with a research focus in any area of applied remote sensing and geographic information science will be considered. Successful applicants will be expected to develop a strong externally funded research program and all candidates must demonstrate a funding plan or related strategy. The successful candidate will also exhibit excellence in undergraduate and graduate teaching. Candidates will be expected to teach high-quality courses across the remote sensing spectrum, and special consideration will be given to those candidates who can also offer courses in cartography/geovisualization. Please review our course catalog for existing descriptions.

All applications should include a curriculum vitae, statement of interest, examples of published research, and names (only) of three references. The prospective appointment begins August 2014. A Ph.D. in Geography or related field is required by the date of appointment. Questions may be directed to Dr. Ashton Shortridge, Chair of the Search Committee (ashton@msu.edu). All applications must be submitted through the MSU Applicant Page website at https://jobs.msu.edu posting 8539.

Review of applications will begin on December 11, 2013 and will continue until the position is filled.

For more information about the MSU Department of Geography, please visit our website at: http://www.geo.msu.edu. MSU is an affirmative action, equal-opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

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**NORTH CAROLINA STATE UNIVERSITY – RALEIGH, NC**

NC State University invites applications for a tenure track faculty position at the assistant or associate professor level for a new Geospatial Analytics research and education program. The successful candidate will lead research focused on advanced remote sensing and geospatial analytics of the Earth’s surface or shallow sub-surface, develop and teach related upper undergraduate and graduate courses, and assist with the implementation of a new graduate MS/PhD degree program in Geospatial Analytics. It is anticipated that the position will be with the Department of Marine Earth and Atmospheric Sciences (MEAS), one of the largest interdisciplinary geoscience departments in the nation (www.meas.ncsu.edu).

The multi-disciplinary nature of the department lends itself to the study of severe weather and its impacts, coastal processes and ecosystems, land surface evolution, water quality and climate change. This position is one of three hires in our Geospatial Analytics initiative supported by the Chancellor’s Faculty Excellence Program (http://www.ncsu.edu/faculty-and-staff/workthatmatters). This effort will expand the very successful geospatial science research and teaching program (gis.ncsu.edu) to include more focused investigations into “big data” issues, 3D and multi-platform/multi-instrument remote sensing, and complex spatio-temporal modeling. The geospatial initiative will be directly linked to the parallel Faculty Excellence programs in Data Driven Science, Forensics Sciences, Bioinformatics, and Global Environmental Change as well as to NC State’s unique Institute for Advanced Analytics (analytics.ncsu.edu).
The geospatial research program is coordinated by the Center for Earth Observation (CEO) which currently supports 20+ PhD and MS students in allied disciplines (e.g., Natural Resources, Marine, Earth and Atmospheric Sciences, Forestry and Environmental Resources, etc.). CEO has active research initiatives in: 1) environmental science informatics, including forest health, eastern wildfire, hydrology, vegetation monitoring, coastal ecology and engineering, and climate modeling, 2) open source GIS modeling, 3) visualization of human/environment interactions related to natural resources including health and wellness, 4) advanced geospatial sciences involving 3D visualization, tangible GIS models, and web GIS.

The current GIST academic program includes: 1) a well-enrolled (100+) professional master’s degree in Geospatial Information Science and Technology, 2) a correspondingly large graduate certificate program in Geospatial Information Systems, 3) a graduate minor in Geospatial Information Science, and 4) a graduate minor in Remote Sensing. Research and teaching in the Department of Marine, Earth and Atmospheric Sciences address some of the most complex and important geoscience issues facing North Carolina and the world, including hurricanes, floods, climate change, water and air pollution, coastal erosion, the sustainability of fisheries, environmental cycles of critical elements (e.g., carbon and nitrogen), and the history of life itself.

Founded in 1887, North Carolina State University is a land-grant institution distinguished by its exceptional quality of research, teaching, extension, and public service. Located in Raleigh, North Carolina, NC State is the largest university in the state, with more than 34,000 students and 8,000 faculty and staff. National rankings consistently rate Raleigh and its surrounding region among the five best places in the country to live and work, with a highly educated workforce, moderate weather, reasonable cost of living, and a welcoming environment. A collaborative, supportive environment for business and innovation and research collaborations with area universities and the Research Triangle Park are compelling reasons for relocation to the area.

**Position duties:**
- Establishing an externally-funded cutting edge research program with an emphasis on new technologies in remote sensing and RS data analytics (for example, lidar mapping, hyperspectral imaging, sensors mounted on UAV’s);
- Teaching upper undergraduate and graduate Remote Sensing and GIST courses and mentoring MEAS and GIST graduate students;
- Developing and expanding collaborative research initiatives with internal and external partners that grow the domain of the University’s Geospatial Analytics program and contribute to the mission of the MEAS department.

The anticipated time distribution among these duties is 45% research, 45% teaching and mentoring, and 10% service.

**Minimum education/experience:**
- A PhD in geospatial sciences, geomatics, Earth sciences, or a related field.

**Departmental required skills:**
- Commitment to teaching excellence and an active research agenda with an established publication record.

**Preferred experience to include one or more of the following:**
- Experience with hyperspectral imaging, IFSARE/InSAR and GPS Geodesy;
- Experience using 3D remote sensing technologies and 3D photogrammetry;
- Familiarity with development or applications of open source geospatial software;
- Experience with UAV and robotic mapping technologies.

**To Apply:**
The position and application procedures are described in detail at [https://jobs.ncsu.edu/postings/19853](https://jobs.ncsu.edu/postings/19853). For consideration, all applications must be submitted electronically via the online system and are encouraged by January 15, 2014.
Inquiries can be addressed to:
Dr. Helena Mitasova
Marine, Earth and Atmospheric Sciences
Associate Professor
Box 8208
NCSU Campus
Raleigh, NC 27695
Phone: 919-513-1327
Email: helena_mitasova@ncsu.edu

NC State University is an Affirmative Action and Equal Opportunity Employer. In addition, NC State welcomes all persons without regard to sexual orientation or genetic information. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148.

NORTH CAROLINA STATE UNIVERSITY – RALEIGH, NC
The Center for Earth Observation (CEO) at NC State University is seeking a highly qualified candidate who is committed to pursuing a Ph.D. focused on the integration of Environmental Social Science and Geospatial Analytics starting Fall 2014. Candidates should have a strong desire to engage in high-quality research that couples social science methodologies with geospatial analytics to address human responses to environmental change. Co-advised by Dr. Jordan Smith and Dr. Ross Meentemeyer, the successful candidate will have the opportunity to work on a variety of interdisciplinary research projects related to: decision making under risk; social and information networks; and integrated social-ecological modeling approaches.

The assistantship is a 12-month 20-hour per week position. The position includes a competitive stipend, tuition, and health insurance benefits. Funds for professional development purposes (e.g., conference presentations) are available. This position is funded for 3 years and is renewable each year based on satisfactory progress.

The successful candidate will work out of CEO’s Geovisualization Laboratory, a facility dedicated to state-of-the-art modeling and visualization of spatial and spatio-temporal data. The laboratory houses a range of tools and instruments including an immersive 360° head-mounted display for virtually simulating built and natural environments, several 3D GIS workstations, numerous interactive displays, servers for big spatial data, and a 3D high resolution projector for presenting large, spatially complex data sets (e.g., those collected through lidar) in three dimensions. More information about the laboratory can be found here. The successful candidate will also have the opportunity to work closely with NC State’s Institute for Advanced Analytics.

Responsibilities
- Actively engage a interdisciplinary research team and develop new areas of inquiry in collaboration with faculty advisors. Research activities entail literature reviews, research design, data collection and analysis, and result dissemination.
- Assist and lead in writing grant proposals, technical and non-technical reports, and peer-reviewed journal articles.
- Maintain good graduate standing and make satisfactory progress toward completion of Ph.D. degree.

Qualifications
Potential candidates for the assistantship must meet admission standards and be fully accepted in PRTMs doctoral program focused on Environmental Social Science and Community Health or FERs doctoral program in Forestry and Environmental Resources with GIS minor. Candidates must have highly positive recommendations from previous positions. Prior research experience is expected through a Master of Science degree (or equivalent). Strong GIS, project management, and communication skills are preferred.

To apply, send a current CV and 1-page letter of interest to Dr. Jordan W. Smith (jwsmit12@ncsu.edu) and Dr. Ross K. Meentemeyer (rkmeente@ncsu.edu). Applications received by January 5, 2014 will receive full considered.
NC State invites applications for two postdoctoral openings in spatial ecology and modeling coupled human-natural systems. Innovative and highly motivated candidates with strong track records of research productivity are invited to apply for two Postdoctoral Scientist positions at North Carolina State University. Each position will involve interdisciplinary research that integrates spatial, social, and ecological sciences, with a focus on one of two areas: (1) Modeling dynamic interactions between forest disease spread, wildfire, and land management to understand how interacting disturbances mediate trajectories of environmental change, such as impacts to forest biodiversity and/or carbon dynamics. (2) Developing geospatial solutions to sustainability challenges, with a focus on modeling feedbacks between land-use change and the provision of ecosystem services in rapidly urbanizing regions of the U.S. This is an exciting opportunity to join a rapidly growing spatial ecology and modeling group at North Carolina State University. Selected candidates will have a unique opportunity to develop data-driven models using extensive datasets already collected, participate in ongoing data collection, and design new studies. For the first position, preferred applicants will have a background in landscape ecology and invasion/disease ecology. For the second position, applicants are preferred who have an interdisciplinary background with experience integrating analytical approaches from the ecological, social, and geospatial sciences. Successful applicants for both positions will have experience in spatial-temporal modeling with strong computer programming skills (e.g. C++, R, and/or Python).

Target start date is June 2014 and each position would be funded for at least 2 years. Interested applicants should send the following as a single pdf: complete CV, contact information for 3 references, and a brief (< 3 pages) statement of research interests and ideas related specifically to these positions. Applications will be evaluated based on past research productivity, alignment of applicant experiences with the goals of the Meentemeyer lab group, and the individual’s potential to grow as a productive, independent investigator.

Submit applications to Dr. Ross Meentemeyer (rkmeente@ncsu.edu), Department of Forestry and Environmental Resources, North Carolina State University (http://cnr.ncsu.edu/fer/directory/meentemeyer.php and http://workthatmatters.ncsu.edu/newhires/meentemeyer.php). Please indicate which position is your main interest. For full consideration, applications should be received by January 31, 2014.

The Department of Geography and Environmental Resources (www.geography.siu.edu) invites applications for a tenure-track assistant professor position in environmental geography to begin August 16, 2014. Applicants must possess an earned doctorate in Geography or a closely related field. ABD applicants will be considered if all degree requirements will be met by August 15, 2014. If all requirements for the Ph.D. are not completed by 8/15/2014, a 9-month term appointment may be offered at the rank of Instructor at a reduced rate of pay. Applicants must show evidence of relevant teaching and research, including peer-reviewed publication. Applicants must have a professional record that establishes their external funding history or potential. Preference will be given to applicants with a focus on applied research in climatology and sustainability. Duties include: teaching a mix of undergraduate and graduate courses, which may include our large introductory course in weather and climate, upper level courses in climatology, sustainability, and other topics in the candidate’s area of expertise; service on M.S. and Ph.D. student committees; maintaining an active and successful research program that includes seeking external research support; and appropriate service. Application deadline is January 15, 2014, or until filled. Applications may be submitted electronically or by mail. Applications must include a cover letter describing teaching and research experience and goals, CV, and list of three references. Applicants should also include reprints of recent publications. Please send materials to geog@siu.edu or to Justin Schoof, Chair, Department of Geography and Environmental Resources, Mail Code 4514, SIU Carbondale, 1000 Faner Drive, Room 4520, Carbondale, IL 62901.

The Center for Integrative Geosciences and the Department of Geography at the University of Connecticut invite applications for an academic faculty and administrative leadership position as Director of the Center. The successful
candidate will effectively lead interdisciplinary research and instructional programs (undergraduate and graduate) as the Center director and hold a faculty position in the Department of Geography.

The Director will be tasked with guiding the Geosciences at UConn towards a higher level of national and international stature as a center of research and innovation, and applicants should articulate a vision of how to build on current strengths in the context of emerging opportunities and challenges in national, international and global science. In addition to strengthening research in the geosciences, the director should engage with trends in the geographical, geospatial, and environmental sciences. The successful candidate will be expected to advance the Center’s mission by attracting and mentoring the highest quality faculty, strengthening the existing Ph.D., M.S., and bachelor’s degree programs, and expanding interdisciplinary research activities. As a faculty member in the Department of Geography, successful candidates will have a record of research productivity, external funding, effective teaching, professional service, and public engagement.

Strong leadership and a commitment to collegiality are expected, and the successful candidate should serve as an advocate for the Center at the college and university levels, especially with regard to initiatives in geology, geography, and the environment. This is a ten-month tenure track position at the rank of Associate or Full Professor. Salary is competitive and commensurate with experience and qualifications.

The Center for Integrative Geosciences offers interdisciplinary programs that advance understanding of the interactions between geological, biological, chemical, and physical processes. Eleven faculty members associated with the Center (three hired in the past six years) span a range of expertise, including hydrogeology, geochemistry, geobiology, paleontology, structural geology, geomorphology, and geophysics. The Geography Department has 14 faculty (six hired in the last six years) with expertise in human geography, environmental change, geographic information science and geospatial statistics. Both programs are poised to expand further as the University of Connecticut consolidates its position as the best public university in New England and one of the top 20 public universities nationwide through investment provided by the Next Generation Connecticut Initiative (http://uconn.edu/nextgenct/).

**Minimum Qualifications:** The successful candidate for this position will have a Ph.D. in geosciences or a related field, with academic achievements corresponding to appointment as associate or full professor with tenure. Applicants should have a highly distinguished record of research, teaching, mentoring students, public engagement, and external funding; a commitment to diversity and excellence in the learning experience; and demonstrated leadership and administrative skills.

**Preferred Qualifications:** Research interests that will strengthen, build or bridge existing programs in Geosciences and Geography. Record of attracting and mentoring the highest quality faculty; of strengthening a graduate program; and of expanding interdisciplinary research activities.

This is a 10-month appointment with an anticipated start date of August 23, 2014.

Interested candidates should apply online (www.jobs.uconn.edu, Search #2014299) 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). For further information about this position, please contact Andrew Bush (andrew.bush@uconn.edu) or Ken Foote (ken.foote@uconn.edu). Screening of applications will begin January 15, 2014. The University of Connecticut actively solicits applications from minorities, women, and people with disabilities. The University of Connecticut is an EEO/AA employer.

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**UNIVERSITY OF MINNESOTA – TWIN CITIES, MN**

The University of Minnesota's U-Spatial: Support for Spatial Research (https://uspatial.umn.edu/) initiative seeks a knowledgeable and proactive Spatial Data Analyst/Curator to advance U-Spatial's Data Core mission, which focuses on significantly enhancing access to University-generated digital geospatial research information through functions of data collection, discovery, and archiving/preservation. The Spatial Data Analyst/Curator works with the U-Spatial
Data Core team under the management and direction of the University Libraries, which holds institutional responsibility for supporting the products and processes of scholarship through the collection, provisioning, and preservation of information resources in all formats and media. As such, the work of the Spatial Data Analyst/Curator uses a life-cycle data management approach to serve the specific needs of the spatial data creator/user community while ensuring that processes and methods employed are strongly aligned with enterprise strategies and systems.

https://employment.umn.edu/applicants/Central?quickFind=116146

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UNIVERSITY OF VICTORIA – VICTORIA, BC

The Department of Geography is an international leader in research and teaching focused on environment and sustainability; geomatics; urban, health and development; and physical geography. The Department has 26 regular faculty members, more than 50 adjunct faculty, several hundred undergraduate majors, and more than 100 graduate students. The Department offers two undergraduate degrees (BA, BSc) and three graduate degrees (MA, MSc, PhD). Further information about the Department of Geography can be found at http://geography.uvic.ca/

The Chair of Geography will advance the Department’s strengths and is expected to apply her/his demonstrated leadership, administrative skills and experience to advance the Department by attracting, mentoring and retaining the highest quality faculty; supporting excellence in cutting-edge and innovative scholarship; leading innovative educational programs; committing to university service; and fostering public engagement and outreach. The successful candidate will have a PhD in Geography or a related field, with academic achievements commensurate with appointment as a senior Associate Professor or Full Professor with tenure. Field of specialization is open, but preference will be given to candidates who complement the Department’s existing strengths, and who have a strong commitment to interdisciplinary engagement.

Applications should be sent to soscoff@uvic.ca, and should include: a cover letter including a description of your leadership vision; curriculum vitae; evidence of administrative experience and success; statement of teaching philosophy and evidence of excellence in teaching; and an outline of your research program. Applicants should arrange for three referees to send letters of reference directly to soscoff@uvic.ca prior to the closing date. Completed applications must be received by January 15, 2014.

Queries should be directed to:

Dr. Peter Keller
Dean, Faculty of Social Sciences
University of Victoria
PO Box 1700 STN CSC
Victoria BC V8W 2Y2
Canada
soscdean@uvic.ca
Telephone: 250-472-5058

Applications should be submitted by email to: soscoff@uvic.ca

The University of Victoria is an equity employer and encourages applications from women, persons with disabilities, visible minorities, Aboriginal Peoples, people of all sexual orientations and genders, and others who may contribute to the further diversification of the University. All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadians and permanent residents will be given priority. Please indicate citizenship in your application.

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UNIVERSITY OF WASHINGTON – SEATTLE, WA

The Department of Geography in the College of Arts and Sciences at the University of Washington invites applications for a full-time, tenure track position as Assistant Professor in nature-society relations or global change, and postcolonial studies or critical race theory. The successful candidate demonstrates theoretically innovative and
creative new research directions and methodologies, which complement and extend existing departmental strengths in human geography, digital geographies, and global economic development and change. University of Washington faculty engage in teaching, research and service. The normal teaching load in the Department of Geography is four courses per year and involves a broad array of teaching environments from large introductory lecture classes to graduate seminars. Other professional duties include an active research program, and service to the department and wider community. The University of Washington, a recipient of the 2006 Alfred P. Sloan award for Faculty Career Flexibility, is committed to supporting the work-life balance of its faculty. A PhD or foreign equivalent is preferred at the time of appointment in September 2014. Preference will be given to applicants currently holding a PhD or foreign equivalent. Apply: Send a letter of application and CV, including the names and contact information for three references, as a PDF file to Professor Steve Herbert, Department of Geography, Box 353550, University of Washington, skherb@uw.edu, telephone: 206-685-2621. Review of applications will begin on January 3, 2014 and continue until the position is filled. The University of Washington is an affirmative action, equal opportunity employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans

UNIVERSITY OF WISCONSIN – PLATTEVILLE, WI
The University of Wisconsin-Platteville seeks applications for a tenure-track faculty position in GIS and Physical Geography with responsibilities split between teaching and research. Teaching responsibilities will include basic and advanced courses in GIS, preferably with substantial field components, taught to students from a range of majors including geography, biology, engineering, reclamation/environmental restoration, among others. Research responsibilities will include managing the GIS lab as a campus resource and establishing a research program that explicitly incorporates undergraduate students. Ideally, the research will complement and contribute to the research themes of the TREES Lab (www3.uwplatt.edu/trees). This is an exciting opportunity to enhance the opportunities for students available at UW-Platteville and for someone looking to teach and conduct research in an undergraduate setting. A detailed job posting is available here: http://www.uwplatt.edu/pers/employ/Fac-Geography.htm