Departmental Event

Weekly Geography Faculty Coffee Hour: 7 and 14 December at the Students Union, 8:15 am.

Publication


Students Opportunity

*Internship program* of Maxar provides students with hands-on experience in a variety of disciplines. From robotics to data science, it offers opportunities to gain valuable skills and mentorship by working with cutting-edge technologies and industry-leading experts on real missions. For more information visit https://www.maxar.com/careers/internship-program.

The Natural Resources and Environmental Sciences Secondary Major is now accepting applications for the NRES Graduate Fellowship. This fellowship recognizes students with exceptional teaching and/or research achievements who seek additional experience in interdisciplinary teaching and research mentoring. The application deadline for Spring 2023 fellows is November 29. Doctoral students in any discipline conducting research in the general domains of natural resource management, environmental sciences, human-environment interactions, or sustainability science are eligible to apply. Preferred applicants have completed preliminary exams, been admitted to candidacy, and are making excellent progress toward doctoral degree completion. Recipients will be selected by members of the NRES Governing Board. Awards will be made without restriction to race, gender, national origin, religion, age, sexual orientation, disability and financial aid or other awards. Fellows will receive an award of $1,500 for mentoring research by a multidisciplinary team of senior undergraduates enrolled in the NRES capstone class — BAE/DAS/GENAG 582 — during the Spring 2023 semester. Recipients are also eligible to apply for an additional $500 NRES Travel Award during the academic year in which the fellowship is awarded. More information about the fellowship program, including detail application instructions, can be found on the NRES website at https://www.k-state.edu/nres/fellows/.

Job Opportunities

The Department of Geosciences at the University of Akron seeks a tenured track Geology or Environmental Science colleague with a science research focus related to climate change or pollution-
related impacts on under-represented populations in urban or rural areas. This person would augment existing faculty strengths and be expected to work in areas such as climate change, pollution, or other factors that perturb natural systems and significantly impact the welfare of minority, poor or otherwise marginalized populations. The Department of Geosciences consists of 10 faculty members supporting over 110 undergraduate and graduate students enrolled in geology and environmental science BS, MS, and certificate programs. This is a tenured track position starting Fall 2023. The successful candidate will be able to show evidence of the ability to teach courses effectively in a diverse and inclusive setting. Required qualifications include: 1) PhD in a Geoscience discipline or Environmental Science, 2) Research statement, 3) Teaching statement, 4) Diversity statement, 5) Curriculum vita, and 6) Contact information of three references. For consideration and complete position details, applicants need to complete an online application at: https://www.uakron.edu/hr/job-openings/openings.dot. Review of Applications will begin February 1, 2023.

The Department of Earth, Environmental, & Atmospheric Sciences (EEAS) at Western Kentucky University is seeking highly qualified applicants for a 9-month tenure-track Assistant Professor of Environmental & Geospatial Sciences position beginning August 2023. The successful candidate is expected to contribute toward teaching and research in support of the B.S. degree in Environmental, Sustainability, and Geographic Studies (ESGS), M.S. in Geoscience, and undergraduate certificate program in Geographic Information Systems (GIS). The desired candidate’s area of specialization in the environmental sciences is open. However, preference will be given to candidates who can demonstrate an added dimension to existing expertise that helps expand the mission and goals of the department and programs. Expertise for this position may include but not be limited to natural resource management and technical assessment, renewable energies, remote sensing, sustainability science, brownfield restoration, green development and environmental planning, applied statistics, artificial intelligence, and environmental technologies. In short, the candidate is expected to contribute to the Department’s growing applied environmental and sustainability focus areas, integrating innovation through the use of GIS, statistics, modeling, or other pedagogical and research skills to expand the current growth trajectory. Earned Ph.D. in Environmental Science, Environmental Studies, Geography, Geographic Information Science, or a closely related field. The candidates must demonstrate a commitment to excellence in teaching and research at the undergraduate and master’s levels and will be expected to develop a strong externally funded research program to support student success. The candidates must demonstrate excellent interpersonal, written, and oral communication skills. The following items must be submitted through this electronic talent management system by January 2, 2023, although expressions of interest may be considered until the position is filled. Application materials include: succinct cover letter that describes how the applicant is suitable for the position, particularly as it relates to qualifications, experience, and vision/strategy, current Curriculum Vita, unofficial transcripts, pedagogical statement of teaching experience and approach (no more than two pages), statement of research expertise and trajectory (no more than two pages), and statement of service, addressing the applicant’s commitment to diversity, equity, and inclusion (no more than two pages). Names and contact information of three reference providers. (The Search Committee, through an online process, may request reference letters later). The department will receive email confirmation once the candidate has successfully completed the application process.

The School of Geosciences (SGS) at the University of South Florida Tampa campus seeks to fill a 9 month, full-time and tenure-earning, Assistant Professor position in the field of Water and Environmental Justice. Candidates with a focus on water issues in Latin America, Africa, and the Middle East are especially encouraged to apply, though any specialty will be considered. The successful candidate’s area of specialty will complement existing School strengths in Geography, and Geology, such as wetland environments, water policy and management, hydrology, and global conservation. The successful candidate will be expected to develop an externally funded research program, mentor graduate students, and teach undergraduate and/or graduate courses in Environmental Science and Policy (ESP). A Ph.D. in Environmental Science or related field is required. Applications from individuals
who are ABD will be accepted, but the degree must be conferred by appointment start date. Successful candidate must meet university criteria for appointment to the rank of Assistant Professor. Preference will be given to applicants whose research and teaching intersects both water and environmental justice.

**Colorado Mesa University**, Grand Junction, Colorado, seeks an Assistant Professor of Geography to teach the following courses on a rotating basis: World Regional Geography, Human Geography, Introduction to Cartography, and GIS for Social Sciences. Courses in the candidate’s research specialty, particularly those that involve GIS applied to the social sciences, are strongly encouraged. The standard teaching load is 12 credit hours per semester (four three-credit hour courses per semester). Minimum Qualifications Required: Ph.D. in Geography, Open Specialty, Demonstrated expertise in GIS applications, Demonstrated teaching ability and Effective communication and organization skills. To ensure full consideration, complete applications must be received by 11/15/2022. Applicants will be asked to complete an online application by creating a profile and then providing personal and demographic information. In addition, please be prepared to upload a: Cover letter, CV, Include the name, phone number, email address and relationship of at least three professional references who can attest to applicant’s ability to perform the job you are applying for. Professional references should include at least one current or former supervisor. Professional reference may also include current or former employers, colleagues or other professionals who have first-hand knowledge and can recommend you for employment and copy of transcripts for all degrees completed. Direct Inquiries Contact: John Seebach, jseebach@coloradomesa.edu.

**The Department of Geosciences at Texas Tech University** invites applications for a tenure-track faculty position with research and teaching expertise in remote sensing of the environment. The appointment will be at the rank of assistant professor position and the successful applicant is expected to begin their employment in Fall 2023. Candidates who have strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. The successful applicant will build upon recent hires under the theme “Earth and Human Connections” and demonstrate ability or potential to establish and sustain a strong academic program in Remote Sensing of the Environment. The successful applicant will incorporate the study of human activities and their impact on processes occurring on Earth’s surface and near-surface environments. Areas of research may include human-environment interactions with an emphasis on environmental hazards and disasters, land cover and monitoring land-use change on various spatiotemporal scales, linking to risk-mitigation, resource-management strategies, vulnerability assessment, promoting measures that enhance resiliency and sustainability, and the monitoring and modeling of natural and anthropogenic hazards. Climate change will continue to shape our environment and linking between science and society to promote adaptation to environmental change is also an important consideration. Scientific methodologies in remote sensing could be in conjunction with fieldwork, experimental work and/or data analytics. The successful applicant is expected to contribute to teaching in the geography, GIST, geoscience, and environmental science programs. Applicants are encouraged to link to existing departmental strengths, which include programs of research and teaching in atmospheric sciences, geography, geosciences and geophysics and complement existing research areas including land-change science, geomorphology, and human-environment interactions. Applicants must explain how they actively promote diversity, equity, and inclusion (DE&I) efforts in support of their research, mentoring, teaching efforts: these are important to the department and university, particularly as a Tier 1, minority-serving institution (MSI). Further, applicants should demonstrate how they will contribute to excellence in education for undergraduate and graduate students. A Ph.D. in relevant or related disciplines at the time of appointment is required. For full consideration of your application, completed applications should be submitted by January 1, 2023. A complete application package will include (a) letter of application, (b) curriculum vitae, and (c)
three equally important statements (2 pages each) that describe: 1) research experience and future goals, including a 5-year plan for establishing and maintaining a recognized and well-funded research program; 2) a plan for excellence in teaching that recognizes the value of self-reflective professional development; and 3) a description of ongoing and expected future contributions to diversity, equity and inclusion and how research, teaching, mentoring and professional service may foster and advance DEI goals in the University and communities. These documents may be uploaded at http://www.texastech.edu/careers/ using the BR requisition numbers 30684BR Assistant Professor – Remote Sensing of the Environment or via the quick link, https://bit.ly/3rG08bg, this position. Questions should be emailed to Dr. Jeff Lee, Search Committee Chair (jeff.lee@ttu.edu) or Dr. Callum Hetherington (Chair, Department of Geosciences, callum.hetherington@ttu.edu).

As part of this Rowan Catalysts for Sustainability hiring initiative, the School of Earth and Environment at Rowan University seeks to hire a tenure-track assistant professor with expertise related to the climate and/or biodiversity crises. The new faculty member will be appointed to one of the three departments contained within the School of Earth and Environment (earth.rowan.edu): the Department of Environmental Science; the Department of Geography, Planning, and Sustainability; or the Department of Geology. Joint appointments, within the school or across the university, will also be entertained where appropriate. The University seeks outstanding candidates with a Ph.D. (completed by September 1, 2023) or equivalent experience in Environmental Science, Geology, Natural Sciences, Physical Geography, Environmental Studies, Environmental Planning, Regenerative Agriculture, Science Communication (related to the school’s mission), or a related field, and we encourage applications from candidates that span the full range of disciplinary and interdisciplinary backgrounds. Successful candidates will be expected to teach courses and lead public-facing outreach efforts that address the physical and human dimensions of the global environmental crises. Furthermore, successful candidates will be expected to participate in the Rowan Catalysts for Sustainability Committee through service work, attending committee events, and/or collaborating with other committee members. Candidates will be expected to develop and maintain an active, highly visible, extramurally funded research program with outstanding scholarship, and to demonstrate excellence in mentoring both graduate and undergraduate students. The successful candidates will have superior communication skills and will have demonstrated a deep commitment to sharing their scholarship with the public. As part of teaching and outreach, School of Earth and Environment faculty are encouraged to develop community science and field-based teaching experiences in the nearby Edelman Fossil Park and affiliated Scotland Run Park. All applications must be submitted via an online portal found at the following link: https://jobs.rowan.edu/en-us/job/496800/tenuretrack-faculty-open-rank-catalysts-for-sustainability-school-of-earth-and-environment. All candidates should submit: 1) a cover letter outlining suitability for the position; 2) a curriculum vitae; 3) a statement on teaching philosophy (including discussion of the candidate’s commitment to diversity, equity, and inclusion, and efforts to grow the audience for environmental/sustainability education); 4) a description of research agenda (including potential funding mechanisms); 5) a statement on effective outreach (including discussion of the candidate’s past environmental/sustainability outreach efforts); 6) links to the candidate’s public platforms used primarily for scientific communication (social media, blogs, podcasts, videos, recorded talks, popular writing, etc.); and 7) contact information for three professional references. Review of applications will begin on October 31, 2022 and continue until a suitable candidate has been identified.

The Department of Environmental and Geosciences at Sam Houston State University invites applications for a tenure-track faculty position in Environmental and Geosciences at the Assistant Professor level beginning Fall 2023. This position will contribute to undergraduate degree programs in environmental science, geography, and geology as well as the graduate degree program in geographic information science. Candidates must have a Ph.D. in geography, geosciences, or other closely related field by the time of appointment. The successful candidate will be expected to teach introductory or intermediate remote sensing and computer cartography courses for undergraduates, develop upper-
level courses applying remote sensing technologies to environmental and natural resource management, and one graduate level course on spatial analysis. A candidate with expertise in ERDAS Imagine, ENVI or other remote sensing software is highly preferred. Advanced expertise in remote sensing approaches and technologies is highly desirable. Experience with UAVs is a plus. The ideal candidate is expected to develop an externally funded research agenda that would facilitate collaborative, interdisciplinary research. The ability and interest in involving undergraduate and graduate students in research and working with a diverse student body are highly valued.

The Department of Geography and the Environment at the University of North Texas (UNT) is seeking a lecturer with expertise in geographic information systems (GIS) starting Spring 2023 for a two-year appointment with the possibility of renewal. The department seeks candidates who have a graduate degree in GIS or geography, or an advanced degree in a related field. Candidates should show evidence of successful teaching using ArcGIS or ArcGIS Pro. The successful applicant should be able to teach an introductory GIS course and other assigned GIS courses in-person or online, and maintain GIS teaching laboratories. The teaching load will be 3 courses per semester. A diversity statement is expected in which you describe how you incorporate diversity, equity, and inclusion into your research and teaching practices, and how you would contribute to the development of a diverse and inclusive learning community at UNT through teaching and service. For more information on retirement plan options, please visit https://hr.untsystem.edu/benefits/retirement-pla.

The Department of Geosciences at Mississippi State University invites applications for a nine-month tenure-track position in atmospheric science, with a specialization in climate science and applied climatology, at the rank of assistant professor with an anticipated start date of August 16th, 2023. The department seeks an energetic and enthusiastic climatologist whose teaching and research address global climate change, especially as it relates to climate impacts on water resources, precipitation, and human health, as well as climate-related hazards. The department also encourages applicants with the capacity to contribute to teaching climate science and climate change courses, courses within their area of specialization, and existing courses in the department. Applicants will be expected to develop and teach undergraduate and graduate courses (2/semester) in their area of expertise, academically advise undergraduate students, and supervise master's as well as doctoral level graduate students. Successful applicants will hold a Ph.D. in geography, meteorology, or a closely related field at the time of appointment and demonstrate (1) evidence of (or the potential for) excellence in research, teaching, and student mentoring; (2) a record of peer reviewed publications; (3) the capacity to develop and direct an active, externally funded research program; (4) a commitment to professional service; and (5) a commitment to institutional diversity, equity, and inclusion. Candidates may apply online by submitting a cover letter; curriculum vitae; research statement; teaching statement; statement of commitment to institutional diversity, equity, and inclusion; and a list of three references with contact information through the Mississippi State University HRM website: www.jobs.msstate.edu. The position will remain open until filled; however, applications must be received by January 2, 2023, for full consideration. For questions about the position or the application process, please contact Mike Brown at meb18@msstate.edu (Search Committee Chair).

Please contact Bimal Paul (b kp@ksu.edu) with K-State Globe item.