Departmental Events

Weekly Geography Faculty Coffee Hour: 4 and 11 October at the Students Union, 8/8:15 am.

Publication


Grant

CC-IRG Track 1: Smart and Safe Prescribed Burning for Rangeland and Wildland Urban Interface Communities. National Science Foundation, Smart and Connected Communities; Discovery Research K-12 Programs. X. Hu (PI), M. Xin (Co-PI), A. Joslin (Co-PI), Z. Liu (Co-PI), and H. Zhao (Co-PI). Award #2306603. 10/1/2023-9/31/2027. Amount: $2,000,000.

Students’ Opportunity

NASA DEVELOP National Programs inform that about an opportunity for about 10-week paid research, open to current students and recent college graduates as well as transitioning/early career professionals. These projects focus on helping local, national, and international communities address their environmental concerns while utilizing NASA’s Earth observing fleet of satellites. NASA DEVELOP operates at thirteen locations across the country at NASA Centers and other regional locations. This is a great opportunity for participants who are interested in practical applications of remote sensing and GIS, specifically in the field of Earth Science. Participants will work with NASA scientists, partner organizations, and science advisors to learn about the use of NASA Earth science data for use in water resources, disaster management, ecological conservation, and other applications to address environmental community concerns. Responsibilities will include literature review, data processing and analysis, and producing deliverables, such as a technical report, presentation, and video. Previous GIS or remote sensing knowledge, while beneficial, is not required for acceptance. This is a multi-disciplinary opportunity for all those interested in Earth science, and we encourage those in the social sciences, general science, engineering, computer science, etc. to apply. Applicants must have excellent verbal and written communication skills and be able to work in a fast-paced, highly collaborative environment. Days of the week are flexible, but applicants should be able to commit to 20 – 29 hours per week during the term. The position is paid on an hourly basis that is determined by education level. Details about this opportunity and how to apply can be found online at...
https://appliedsciences.nasa.gov/nasadevelop. The spring position application window will be open online from August 28th to October 6th, with the term taking place from January 22nd to March 29th. Please note some DEVELOP locations will allow for in-person opportunities while others will be completely virtual. For virtual locations, all accepted participants must work remotely from within the United States. Details on location status will be posted on our website. Additionally, if you know of any decision makers who would be interested in submitting a project idea, details can be found online at https://appliedsciences.nasa.gov/what-we-do/capacity-building/develop/partner.

**Employment Opportunities**

The Department of Geography and the Environment at the University of North Texas (UNT) is seeking a tenure-track Assistant Professor in human-environment geography with interests in contemporary issues in human-environment interactions using data-driven methods to begin in Fall 2024. The department is open to a range of topical interests related to coupled natural-human systems (e.g., socio-hydrology, sustainable transportation, urban environments, public health risk). Relevant expertise includes, but is not limited to, field methods, earth observation, data science and analytics, and mixed methods approaches. Candidates should have a PhD in Geography or related field. More details can be found here: https://jobs.untsystem.edu/postings/76605.

The Department of Geography, Geology, and Environmental Science in the College of Letters and Sciences at the University of Wisconsin-Whitewater seeks an Assistant Professor of Physical Geography or Environmental Science. The position is open to individuals with a wide range of interests in earth system relationships including the following: earth surface processes through the nexus of shallow groundwater hydrology, soils, vegetation, and climate. August 2024 is the start date for the position. This is a full-time position with responsibilities for teaching undergraduate courses in the department, research, and service to the university, community, and profession. The successful candidate will teach Introduction to Physical Geography, Introduction to Environmental Science, Research and Field Methods in Environmental Science, and the Environmental Science Capstone. In addition, it is expected that the successful candidate will develop upper-level courses in their area of expertise. The candidate will also be expected to pursue an active research agenda that engages undergraduate students, results in publications, and contributes to advancing the department, university, the profession, and society. The candidate will also be expected to participate in service activities and embrace inclusive principles as a member of the university community. Minimum qualification includes the Ph.D. in Geography, Environmental Science, or a related field is required. ABD candidates may apply but must have their degree completed by the contract start date in August 2024. The successful candidate will teach 12 credit hours per semester. In addition, faculty members serve as advisors/mentors to students and are encouraged to engage students in undergraduate research or other scholarly and creative activities. Service responsibilities include committee work at the departmental, college, and university levels as well as participation in community organizations and discipline as relevant to the candidate’s expertise and interests. Faculty at UW-W may be required to teach in a variety of formats, including in-person, online, and/or in a hybrid format. Complete applications received by October 31, 2023, are ensured full consideration. Applications received after that date may be given consideration at the discretion of the search committee until the position is filled. The most qualified applicants will be invited to participate in the next step of the selection process. Only complete application packages will be considered. This includes online submission of the following documents: One-to-two page cover letter, Current curriculum vita, One-to-two page statement of teaching and mentoring philosophy (in particular, your approach to creating an inclusive classroom for students from a variety of backgrounds), One-to-two page statement of research accomplishments, interests, and plans, Names and contact information for three professional references (letters of recommendation will be solicited at a later time), Copies of unofficial transcripts (official transcripts will be required if offered the position), and Additional materials may be requested at a later date from applicants.
The University of West Florida, Department of Earth and Environmental Sciences, Pensacola, Florida, invites applications for a 9-month tenure-track Assistant Professor position specializing in hydrology and related systems and processes. The successful candidate will be expected to establish a productive research agenda including consistent dissemination of published research, pursuit of competitive grants, and research mentoring of students from our undergraduate and M.S. programs. The new Assistant Professor will teach two courses per semester providing support to undergraduate and graduate programs teaching student-focused courses in Hydrology and Earth Science and taking an active role in bringing currency and creativity to curriculum development in their area of specialization. The department seeks a candidate who will complement existing teaching and research areas, with the potential for collaborative research with departmental and University colleagues. Possible specialization areas include groundwater-surface water interactions, aquatic bio- or geochemistry, environmental toxicology, fluvial systems, and wetlands science; other water science specializations that complement existing strengths will be considered. Doctoral degree from an accredited institution or the highest degree appropriate in the field of specialization with a strong commitment to teaching, academic research, and service. Applicants must have completed all requirements of a PhD in environmental science, geography, geology, oceanography, or closely related field from an accredited institution by mid-June 2024 for a preferred start date of 8 August 2024. ABDs will be considered only if all degree requirements will be met before their start date. ABDs must submit a letter from their committee chair attesting that the dissertation and all degree requirements will be completed prior to the date of hire. Candidates must apply online through the University of West Florida website: http://careers.uwf.edu. Applicants are required to attach a CV; cover letter addressing how you satisfy the minimum and desirable qualifications; research statement; teaching statement; and contact information for three references. References will be contacted upon submission of this application. An opportunity to upload these documents will be provided during the application process. For assistance, please contact Human Resources at 850-474-2694 or email jobs@uwf.edu. The preferred response date for applications is 1 December 2023; however, applications will be accepted until the position is filled. All inquiries should be directed to Dr. Jason Ortegren (jortegren@uwf.edu), Search Committee Chair, Department of Earth and Environmental Sciences. Employment based visa sponsorship will be considered for this position.

The Department of Economics and Geosciences at the United States Air Force Academy (USAFA), Colorado Springs, Colorado, is soliciting applications for a Distinguished Visiting Professor (DVP) starting summer 2024 with a specialization in Cultural Geography, Human Geography, and/or World Regional Geography. The prospective DVP must be a career employee at a U.S. institution of higher education. U.S. citizenship is also required. The purpose of the USAFA DVP Program, begun in 1975, is to supplement the Air Force Academy faculty by providing for the temporary assignment of civilians with extensive experience and diverse expertise from other institutions of higher education including Historically Black Colleges and Universities and Minority Institutions. These civilian educators bring vital expertise to the Air Force and take back to their permanent positions a broadened awareness of the Air Force Academy environment. In the process, these educators enhance their own professional development. To be eligible for the Visiting Faculty Program, a visiting faculty member must be a career employee at their home institution before beginning their Academy assignment and must return to their home institution following their Academy assignment. DVPs will remain an employee of their home institution of higher education for most purposes. The period of assignment will normally be for approximately eleven months (1 July through 31 May). The ability to advise students, collaborate with other faculty in the Department of Economics and Geosciences, and foster a congenial environment is also highly desirable. For more information about the position please email Dr. Kelly Lemmons at kelly.lemmons@afacademy.af.edu. To apply please email a cover letter and CV to Dr. Lemmons no later than Oct 31, 2023, for full consideration.

The Department of Geography at Texas Christian University, Fort Worth, Texas, seeks applicants for a tenure-track Assistant Professor position to begin in August 2024. A Ph.D. in Geography is required by the time of appointment. The department seeks applicants with research and teaching experience in the
areas of geospatial technology, digital culture, and data analytics, broadly defined. The position will involve teaching courses supporting both the geography program as well as a new major in Digital Culture and Data Analytics (DCDA) in the AddRan College of Liberal Arts at TCU. These courses include but are not limited to introductory Python for data analysis; Geographic Information Systems; and advanced Geography courses in the applicant’s area of expertise. The successful candidate will also be expected to pursue an active research and publishing program and seek external funding opportunities. The department encourages candidates specializing in all sub-fields of Geography to apply so long as they engage with questions of geospatial technology, digital culture, and data analytics in their research and teaching programs. Questions regarding the open position should be sent to the search committee chair, Dr. Xiaolu Zhou, at xiaolu.zhou@tcu.edu. The application deadline is November 1, 2023.

Required Application Materials & Application Instructions: Applicants should submit the following materials: 1) An application letter describing the applicant’s relevant personal and professional background; a summary of research and teaching interests; and the applicant’s interest in joining the faculty at TCU; 2) The applicant’s current curriculum vita; and 3) Contact information for three letters of recommendation. Letters will be requested from at least two additional references. The application, letter of application describing the applicant’s relevant personal and professional background; a summary of research and teaching interests; and the applicant’s interest in joining the faculty at TCU; should be sent to the above contact. Submit the letter of application, curriculum vita, and letters of recommendation by the application deadline. For more information, visit https://apply.interfolio.com/132188

The Department of Geography at Oklahoma State University, Stillwater, Oklahoma, seeks a broadly trained geographer with expertise in Applied Climatology and Human-Environment Interactions for a tenure-track Assistant Professor position beginning in August 2024. The department especially encourage applicants who focus on studying the effects of the changing thermal environment on facets of human health, climate change mitigation challenges, modeling microclimates at the urban, neighborhood or community levels, or the human impacts on climate change and the environment. The Department places a high value on interdisciplinary scholarship. Opportunities exist for collaborative research within the Department and through campus centers focused on energy, water resources, unmanned aerial systems, and transdisciplinary climate science research. The successful candidate is expected to develop and maintain an externally funded research program that supports OSU’s land grant mission. The department seeks candidates who can create an inclusive learning environment for all students regardless of background. A commitment to active pedagogy, student success, and excellence in undergraduate and graduate teaching is essential. Desired qualities include an ability to teach graduate and undergraduate courses such as Climatology, Meteorology, Introduction to Physical Geography, Field Techniques, Climate Change, and/or a seminar related to the candidate’s area of specialization. The position also entails service at the department, college, and university level. A PhD in Geography or a related field is expected at the time of appointment. The Department offers undergraduate degrees in Geography, Geospatial Information Science, and Global Studies as well as graduate degrees (MS and PhD) in Geography. For more information, visit https://eeo.okstate.edu. The candidate can read more about OSU’s commitment to advancing all populations here. Applicants must submit the following materials: (1) letter of application describing their research and teaching experience and interest in the position, (2) curriculum vitae, (3) statement of research agenda (2 pages), (4) statement of teaching philosophy and teaching effectiveness (2 pages), and (5) contact information for three professional references. Candidates should address their perspectives on furthering their understanding of, and interest in, the challenges faced by all populations in their statements. Review of applications will begin on October 27, 2023; however, applications will be accepted until the position is filled. The position is contingent upon available funding. Further information is available on the department website: http://www.geog.okstate.edu. Any questions may be directed to Dr. Carlos Cordova, Search Committee Chair, carlos.cordova@okstate.edu. Apply: http://apply.interfolio.com/132188

The University of Wisconsin-Eau Claire seeks a tenure-track faculty position at the rank of assistant professor is available in the Department of Geography and Anthropology in the College of Arts and Sciences. The university seeks an environmental geographer with expertise in spatial aspects of interactions between humans and the natural world through avenues such as environmental policy, justice, protection, planning, or resource management. Areas of scholarly specialization might include biogeography, climatology, or soil science. The candidate must be committed to teaching excellence,
actively engaging undergraduates, and mentoring students from groups underrepresented in geography. The candidate will join a vibrant and well-supported geography department with a dynamic and integrated geography curriculum. Primary teaching responsibilities include our introductory physical geography (GEOG 104) and environmental geography (GEOG 178) courses, upper-level environmental policy courses, and elective environmental and physical geography courses in the successful candidate’s area(s) of expertise. The candidate will be expected to integrate geospatial techniques in coursework and stay current with developments in scholarship in geography and apply them in support of our department’s interdisciplinary contributions to the university and community. This appointment carries an initial two-year probationary appointment beginning with the 2024-2025 academic year, August 19, 2024. Instruct courses in the Department of Geography and Anthropology based on program needs and candidate’s geographic specialization (12 credits/semester); develop a successful research program; provide academic advising to students as assigned; engage in service to the department, profession, university, and community. Please apply here: https://www.uwec.edu/job-postings. Click the link to the Geography and Anthropology: Assistant Professor position Job Id #20040 and then click the "Apply Now" button to submit your application. You must create an account to apply. Please be sure you have included the following in PDF format: Letter of application, Curriculum vita, Statement of Teaching Philosophy, Interests, and Experience, Statement of Research Experience, Interests, and Plans, and Graduate and undergraduate transcripts (include copies of unofficial transcripts in PDF format along with the rest of the application; official transcripts are required before an offer is made.) Finalists will be asked to provide letters of recommendation, later. Only applications submitted electronically and preferably compiled as a single PDF document will be accepted. Receipt of complete application packages will be acknowledged by e-mail. To ensure consideration, completed applications must be received by 6 October 2023. However, screening may continue until the position is filled. Please direct requests for additional information or requests for any accommodations necessary for you to participate in our process to: GEOGSEARCH@uwec.edu.

The university reserves the right to contact additional references with notice given to the candidates at an appropriate time in the process. Employment will require the candidate and candidate’s references to answer questions regarding past conduct related to sexual violence and sexual harassment, as well as criminal background check. The university will not reveal the identities of applicants who request confidentiality, except the identity of the successful candidate, which may be released. Qualifications include earned doctorate in the area of Geography or closely related field by August 18, 2024, academic specialization in environmental geography, evidence of ability to integrate geospatial techniques into scholarship and teaching, demonstrated potential for excellence in teaching; scholarship; academic advising; and service to the department, university, community, and profession, and demonstrated potential to work effectively with diverse students and colleagues.

The Department of Environmental Science in Willamette University’s College of Arts & Sciences welcomes applications for a tenure-track Assistant Professor to begin in August 2024. A PhD is required by the start of the Fall 2024 term; postdoctoral experience is welcome, but not required. The university is seeking an interdisciplinary environmental researcher who is building a career as a scholar and a teacher. It encourages candidates with interdisciplinary human-environment training in energy and/or natural resources (water, trees, soils, etc.) whose scholarly work engages with climate change and/or environmental justice to apply. Willamette has a teacher-scholar model for its faculty: tenure-track faculty teach 5–6 undergraduate courses per year, advise students, publish in their field, and engage in service to the department, college, and university. Teaching responsibilities will include contributing to introductory sequence (Earth System Science or Social Systems and the Environment) and upper division courses in the candidate’s area of expertise. All professors at Willamette are expected to teach non-majors as well as majors and to contribute to the College’s General Education curriculum. The successful applicant will be strongly committed to growing an excellent program integrating teaching, research, and mentoring at the undergraduate level. The Department has shared research space and
equipment, along with limited funds to support this work. The candidate will need to upload the following documents as part application materials in the "My Experience" section labeled Resume: a letter of application describing your interest in and qualifications for the position, a curriculum vitae, a statement of teaching philosophy that includes a description of your pedagogical goals and strategies you use to promote inclusive student learning, and a research statement that includes your research plans at an undergraduate institution. Please visit the following link for the official posting and to apply: https://willamette.wd1.myworkdayjobs.com/en-US/willametteuniversityjobs/details/Tenure-Track-Faculty_R0005259. All application materials should address the candidate’s ability to work with a diverse student population. Letters of recommendation will be requested following phone/Zoom interviews. Review of applications will begin September 15. Questions may be directed to Dr. Katja Meyer, Chair.

The University of Tennessee, Knoxville, TN, Department of Geography & Sustainability seeks a broadly trained natural scientist with research expertise and teaching interests in water resources at the intersection of sustainability and physical geography for a tenure-track Assistant Professor position starting 1 August 2024. The department seeks a scholar with interests in field work and in community-based or stakeholder-driven research aimed at local or regional impacts on the sustainability of water as a vital resource. The successful candidate will join a dynamic department characterized by mutual support and a commitment to diversity and inclusion. The successful candidate will be expected to establish and maintain a strong program of water-related research and publication in Physical Geography and Sustainability, and to develop a robust, externally funded research portfolio that advances the candidate’s research as well as the mission of the Department of Geography & Sustainability. The successful candidate will provide support to Physical Geography and Sustainability programs by teaching engaged undergraduate and graduate courses (3–4 courses/year) and taking an active role in bringing currency and creativity to curriculum development. They will also provide service to the department, university, and discipline. The successful candidate will demonstrate an ability to mentor graduate and undergraduate students. Applicants must have a doctoral degree in Geography or related field at the time of appointment. Required Qualifications: The candidate must be a natural scientist with water-related research and have earned a PhD in Geography or related field by the time of appointment. Preferred Qualifications: Interests in field work and community-based or stakeholder-driven research. Candidates should apply through Interfolio at apply.interfolio.com/130518, providing a cover letter, curriculum vitae, and two separate statements on Research and Teaching. In addition to addressing their qualifications for the position in their application, candidates may describe how they would help promote students’ access to and inclusion in their teaching and research/scholarship/creative activities. Candidates must also arrange to have three letters of reference sent by the deadline. All inquiries should be directed to Dr. Sally Horn, Search Committee Chair, Department of Geography & Sustainability, University of Tennessee, Knoxville, TN 37996-0925 (shorn@utk.edu). To ensure full consideration, all materials, including references, should be submitted by 25 September 2023. Review of applications will continue until the position is filled.

California State University, Long Beach, CA, seeks an Assistant Professor of Geography, Remote Sensing to teach lower and upper division courses in geography and environmental science and policy programs, and at the graduate level in both Master of Arts and Master of Science in Geographic Information Science degree programs. Specific teaching assignments may include classes in remote sensing, digital image processing, programming, geospatial databases, multi-variate and/or spatial statistics, general education courses or other specialty courses in the candidate’s area of expertise. Mode of instruction may include in-person, hybrid, online, and/or any combination thereof. Required Qualifications: 1) Ph.D. in Geography or related field with specialization in Remote Sensing. Degree at time of application or official notification of completion of the doctoral degree by August 1, 2024. 2) Demonstrated or potential ability for effective teaching at undergraduate and graduate-level courses, 3)
Demonstrated or potential ability to generate funding for applied research and student support, and 4) Demonstrated commitment to working successfully with a diverse student population.

**Preferred Qualifications:** 1) Specialization in two or more of the following areas: Small Unoccupied Aerial Systems (sUAS) data collection and analysis, orbital and suborbital image analysis and interpretation, spatial statistics, data analytics, pixel and object-based image analysis and feature extraction, fluency in R and/or Python, applied field experience; 2) Successful grant-seeking record with established ties to research institutions, industry, or government agencies; and Experience of successfully working with populations demographically and socioeconomically similar to the CSULB student body (demographics). Apply now.

**Southwestern University, Georgetown, Texas,** invites applications for a full-time, tenure-track Assistant Professor of Geographic Information Science (GIS) to begin in Fall 2024. Potential research areas are open, and the successful candidate will be housed and eventually considered for tenure in the department most appropriate for their scholarly profile. The position will be responsible for teaching introductory and upper-level GIS courses that support the Environmental Studies major and minor as well as courses in the candidate’s area(s) of interest. This position is a 9-month appointment. Southwestern University’s standard teaching load is five courses per academic year (3-2) along with departmental responsibilities, advising, and university service. Southwestern is committed to the teacher-scholar model; the university seeks candidates with a commitment to teaching undergraduates and pursuing scholarship in a liberal arts college that offers strong ongoing support for scholarly development, including robust pre- and post-tenure sabbatical programs, funding for conferences, opportunities for collaborative research, and low average class sizes. Southwestern University is committed to recruiting candidates who both excel in teaching and research and can best serve our diverse student population. The University seeks candidates who have a demonstrated commitment to, and will take an active role in, enhancing diversity, inclusion, and equity across the University, including fostering a sense of community and belonging for students. In your application materials, please include specific and detailed information about how you have worked to enhance diversity and inclusion through your teaching practices, research, and/or service experiences within the college or university setting. In compliance with the Immigration Reform and Control Act of 1986, proof of authorization to work in the United States will be required at the time appointment begins. Sponsorship for an employment-based visa may be an option depending upon university needs and the applicant’s qualifications. All offers of employment are contingent on successful completion of the University’s Background Check Policy process. Southwestern University is an Equal Opportunity Employer. Candidates must have completed a Ph.D. in a relevant field by August 1, 2024. Successful candidates are expected to demonstrate (1) academic training in the current theory and methods as well as applications of environmental GIS (2) enthusiasm for developing courses suited to the liberal arts context that reflect inter/transdisciplinary approaches (3) a commitment to working closely with undergraduate students and mentoring undergraduate research and (4) a record of working towards inclusivity, equity, and diversity in their teaching and institutional service. Apply now.

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