# *The K-State Globe*

## Department of Geography and Geospatial Sciences, Kansas State University

### 28 October 2024

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## Departmental Events

**Weekly Geography Faculty Coffee Hour**: 30 October 6 November at the Students Union, 8/8:15 am.

## Employment Opportunities

The **Department of Geography and Environmental Studies** in the College of Science and Engineering at **Central Michigan University** (CMU) invites applications for a tenure-track Assistant Professor of Sustainability beginning August 2025. The successful applicant will be committed to excellence in teaching, research, and service and will provide mentoring for students in the award-winning Central Sustainability program. The Department is looking for a colleague who embraces a holistic and systems-based approach to sustainability, understanding the importance of integrating both natural and social sciences to creatively implement sustainable solutions. The successful candidate will have the opportunity to teach at all undergraduate levels in the Department's Sustainability, Environment, and Society Major. While there are opportunities to engage in interdisciplinary graduate education, teaching, research, and mentoring are focused on undergraduate students, offering a rewarding opportunity to shape the next generation of sustainability leaders. Areas of research and teaching specialization may include but are not limited to 1) sustainability policy and management, 2) applied sustainability solutions for communities, 3) environmental justice and social vulnerability, 4) climate change impacts, resilience, and/or adaptation, 5) expertise in energy, waste, food, water, transportation, or other sustainability areas. The Department encourages candidates from diverse research backgrounds; however, the successful candidate is expected to have an appreciation for the Department's breadth of programs in Geography, GIS, Planning, and Sustainability and the geographic tradition of cross-disciplinary approaches and collaboration. Required Qualifications: 1) A doctoral degree in geography, sustainability, environmental studies, planning, or relevant fields (must be completed prior to the start date); 2) Strong verbal and written communication skills; 3) Demonstrated or strong potential for undergraduate teaching and mentorship; 4) Commitment to fostering diversity, equity, inclusion, justice, and belonging in the workplace; and 5) The ability to perform the essential function; and s of the job with or without reasonable accommodations. Submit an on-line application at https://www.jobs.cmich.edu/postings/41651 to be considered for this position. Cover letters may be addressed to the Hiring Committee. Questions may be addressed to Dr. Matthew Liesch, Department Chairperson. Applications must include a CV, cover letter, statement of teaching philosophy, statement of research including your philosophy on mentoring undergraduate students, evidence of teaching effectiveness, contact information for three references, and copies of academic transcripts. As part of the cover letter, we invite candidates to describe their experiences engaging in a diverse student body. Reference checks will occur for finalists. You must submit an online application to be considered as an

applicant for this position. Position will be open until filled, with priority given to applications submitted by December 2, 2024.

The EcoTran Lab in the **Department of Geosciences** at **Auburn University** is seeking a highly motivated and creative postdoctoral researcher to join the team. Working with Dr. Luyu Liu, the candidate will focus on cutting-edge projects aimed at improving sustainable transportation networks using advanced computational techniques, data analysis, and artificial intelligence. It seeks candidates specializing in the following empirical topics: sustainable transportation (including public transit, biking, shared mobility, and walking), urban resiliency (e.g., urban heat and air pollution exposure), and mobility equity. It also desires candidates with skills in advanced programming, spatial data science, GIS, and GeoAI. The candidate's research will contribute to the development of sustainable, smart, and resilient urban transportation systems. This is a 1-year contract job with possible extensions based on need, funding, and performance. Key responsibilities include: 1) Conduct original research on public transit performance and travel behaviors; 2) Develop and maintain large-scale public transit database; 3) Write and maintain Python and R codebase for transit routing and GIS operation automation; 4) Generate and write grant proposals with Dr. Liu on various topics, and 5) Work with undergraduate and graduate students. Interested candidates should submit the following documents: 1) A detailed CV; 2) A 2-page cover letter outlining your research interests and future in 2 years; 3) Academic transcripts Contacts of three academic references; 4) Code sample or link to your GitHub/GitLab profile; and 5) Two writing sample of your previous research work. Review of applications will begin November 15th and continue until the position is filled.

The GeoIDEA (Geospatial Innovation, Development, and Environmental Applications) Lab in the **Department of Geosciences** at **Auburn University** in Auburn, AL is seeking a highly motivated Postdoctoral Research Fellow to commence in January 2025 or soon thereafter. The GeoIDEA Lab is comprised of a vibrant group of interdisciplinary students and researchers and is directed by Dr. Stephanie Rogers. The initial appointment will be for one (1) year, with an opportunity for renewal pending successful annual reviews and continued funding support. The successful candidate will be expected to oversee existing funded projects, as well as develop their own research directions within the context of the overarching goals of the lab. The candidate will be encouraged to mentor undergraduate and graduate students and participate in outreach events. Key responsibilities include: 1) Conduct original research in intersecting areas of: GeoAI, GIScience, wastewater infrastructure, water quality, and social vulnerability; 2) Publish high-quality scientific journal articles; 3) Participate in the preparation of funding proposals; 4) Participate in field data collection initiatives; 5) Mentor undergraduate and graduate students; and 6) Participate in outreach events. Review of applications will begin November 15th and continue until the position is filled. Interested candidates should submit the following documents: 1) A detailed CV; 2) A 2-page cover letter discussing your qualifications and outlining your research interests; 3) Academic transcripts; 4) Names and contact information for three academic references; and 5) Two writing samples of your previous research.

The **Department of Geography & the Environment** at **California State University**, Fullerton, invites applications for a tenure track Assistant Professor position in Geography with a specialization in Native American Studies with an appointment to begin Fall 2025. The Department seeks an environmental and/or physical geographer who uses geographic lenses to expose students to Native American studies and communities. Areas of specialization could be but are not limited to: traditional ecological knowledge, environmental change, wildlife management, wildfires and fire management, tribal national parks and sanctuaries, water use and rights, natural resource management, impacts of resource extraction, land use conflicts, social- and/or environmental- justice, or social and/or biophysical impacts of climate change, critical physical geography, public-participatory GIS (PPGIS), community and

indigenous mapping, public-and-engaged scholarship (PES), community geography, and Participatory Action Research (PAR). Regional focus must be what is today the United States, including Alaska, Hawaii, native nations, unceded lands, and dependent territories. Required Qualifications include Ph.D. in Geography, with a specialization in Native American studies. ABD may apply but must have degree completed prior to start date and an interest in working with Native American/Indigenous students and/or communities. A complete online application must be received by electronic submission to be considered. To apply, please visit http://hr.fullerton.edu/careers/Faculty.php, choose full-time faculty, search for the position 542365, and provide the following required materials: 1) cover letter in which you respond to the required qualifications; 2) curriculum vitae; 3) research statement; 4) teaching statement; 5) teaching evaluations, if available; and 6) candidate statement on commitment to inclusive excellence The statement shall address one or more of the following criteria: 1) The candidate has acquired knowledge of barriers for underrepresented students and faculty in higher education; 2) The candidate has experience in and is committed to engaging in service with underrepresented populations in higher education; 3) The candidate has experience in and is committed to teaching and/or mentoring underrepresented students in a higher education environment; 4) The candidate has experience integrating underrepresented populations and communities into scholarly and creative activities; and 5) A list of three references with relevant contact information. Semi-Finalists must submit three letters of recommendation. Please direct all questions about the position to: Trevis Matheus at tmatheus@fullerton.edu or call 6572783685.

The **Department of Health & Behavioral Sciences** (HBSC) at **University of Colorado Denver** has an opening for a full-time tenure-track position at the level of Assistant professor to begin August 2025. The Department is seeking an outstanding scholar, mentor and teacher to join our Ph.D. program in HBSC and Department's undergraduate programs (B.A. & B.S.) in public health. It is interested in applicants with expertise in quantitative or mixed-methods research, whose work centers social, cultural, behavioral, or biological approaches to food, nutrition, and population health (broadly defined). It is also interested in applicants who can teach undergraduate courses in Introduction to Public Health, Introduction to Environmental Health, Introduction to Epidemiology, or Health Policy, and contribute to its doctoral and undergraduate curriculum more broadly. Candidates whose research relates to minoritized populations, health disparities, and health equity are encouraged to apply, as are candidates who will enhance the department's commitment to diversity, equity and inclusion through research, teaching, and outreach to communities in the US and abroad. The successful applicant will join a research active interdisciplinary department that values excellence in both research and teaching. Current department faculty hold Ph.D.'s in sociology, anthropology, psychology, and geography. Further department information may be found at clas.ucdenver.edu/hbsc. This position is on the University of Colorado's downtown Denver campus and is a 9-month academic appointment with 40% teaching, 40% research, and 20% service expectations. To apply and for more information, please visit: cu.taleo.net/careersection/2/...Questions should be directed to: patrick.krueger@ucdenver.edu

The **Department of Geosciences** at **Mississippi State University** invites applications for a nine-month tenure-track position in Geography at the rank of assistant professor with an anticipated start date of August 16th, 2025. The department seeks a geographer whose innovative teaching and research use geospatial techniques to address questions in human geography, such as urban geography, political ecology, health geography, environmental geography, transportation geography, economic geography, cultural geography, environmental justice, and political geography. The successful candidate will be responsible for developing and delivering undergraduate and graduate courses (2 per semester) in geography and geospatial technologies, with opportunities to create courses aligned with their area of expertise. In addition to teaching courses, the candidate will advise undergraduate students and

supervise both master's and doctoral students. While some courses may be taught online, residency in the Starkville area is required.  Successful applicants will hold a Ph.D. in geography or a closely related field at the time of appointment and demonstrate (1) evidence of (or the potential for) excellence in teaching; (2) a record of peer-reviewed publications; (3) the capacity to develop or contribute to externally-funded research programs; and (4) a commitment to professional service. The department is closely aligned with a number of MSU research centers including the Geosystems Research Institute (www.gri.msstate.edu), the High Performance Computing Collaboratory (www.hpc.msstate.edu), and the Institute for Imaging and Analytical Technologies (www.i2at.msstate.edu). Mississippi State University holds the "Very High Research Activity" (R1) designation from the Carnegie Foundation, and is ranked in the top 100, for research and development expenditures, among all institutions in the National Science Foundation Higher Education Research and Development Survey. Candidates may apply on-line by submitting a cover letter, curriculum vitae, teaching statement, research statement, 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 3rd, 2025, for full consideration. For questions about the position or the application process, please contact Dr. Shrinidhi Ambinakudige (Search Committee Chair): ssa60@msstate.edu.

The **Department of Earth and Environmental Sciences** at the **University of West Florida** (UWF) in Pensacola, Florida, invites applications for a full-time tenure-track Assistant Professor position specializing in Computational Environmental Science. The department seeks a teacher-scholar whose research aligns with one or more of the following areas: environmental hazards, sustainable energy, environmental toxicology, fluvial systems, soil science, and/or ecological conservation. This is a 9-month faculty position, with an expected start date of August 8, 2025. The successful candidate will teach three courses per semester (fall and spring), supporting both undergraduate and graduate programs through student-centered courses in environmental and earth sciences. The candidate will also contribute to curriculum development with innovative and current approaches in their area of expertise. Furthermore, the candidate is expected to establish and maintain an active and productive research program in computational environmental science, regularly disseminating findings through peer-reviewed publications and actively pursuing external funding and competitive grants to support their research. The successful candidate will mentor undergraduate and M.S. students, integrating them into research projects, and collaborate with faculty within the department and across the UWF. Additionally, the candidate will engage in a variety of service roles that support the department and align with the university's mission. The candidate must hold a Ph.D. in Environmental Science, Geography, Geology, Oceanography, or a closely related field from an accredited institution by the appointment start date. A demonstrated specialization in computational approaches to environmental science is required. Additionally, the candidate must show ability in teaching both introductory and specialized courses in Environmental Science or Earth Science. All applications for employment at the University are subject to Florida public records. Please review job requirements carefully.  Failure to submit all pieces of the application may result in disqualification.  Applications are accepted on the University of West Florida career site: https://careers.uwf.edu.  For assistance contact UWF Human Resources at 1-850-474-2694 or jobs@uwf.edu.

The **Geography Department** in the College of Family, Home, and Social Sciences at **Brigham Young University** invites applications for one full-time Continuing Faculty Status-track (BYU equivalent of (tenure-track) appointment beginning in the Fall semester of 2025. The department seeks human geography/urban planning candidate who can teach courses in its geospatial intelligence, global studies, tourism development, and urban and regional planning emphases and maintain active research in one or more of these areas. Qualifications include a PhD in geography or related field, a well-defined research agenda, and a strong interest in undergraduate teaching. The Department of Geography values diversity,

student mentoring, a collegial culture, and excellence in undergraduate instruction. This position is CFS-track, but they may be filled with visiting faculty. Successful candidates will show a commitment to and excellence in research and teaching upper- and lower-level undergraduate classes, as well as engagement in student mentoring and participation in citizenship responsibilities in the department, college, and university. Please list the individual contact information for each of your three recommenders on the faculty application. At some point during the selection process, they may be contacted to submit their letters of reference electronically. Document(s) required at the time of application - Please attach your Mission Alignment Statement (full-time faculty only), updated Curriculum Vitae, and cover letter to the faculty application. BYU is committed to hiring faculty members who enthusiastically embrace and energetically advance their unique mission. To this end, please include a one-page mission alignment statement as part of your application that addresses how you might, as a BYU faculty member: (1) live a life of loyalty to Jesus Christ and His restored Church and align yourself with doctrines and teachings declared by living prophets, seers, and revelators; (2) demonstrate intentionality in building faith in Jesus Christ and testimony of His restored gospel among students and others in the BYU community; and (3) teach your subject matter with the Spirit of God and strive to keep it "bathed in the light and color of the restored gospel" (Spencer W. Kimball).

The **Geography Program** at the **University of Minnesota Duluth** (UMD) invites applications for a tenure-track Assistant Professor in Human-Environment Geography that will begin August 18, 2025. This is a full-time, 9-month position. The Program seeks a dynamic and innovative scholar whose research and teaching lie at the nexus of human-environment geography and sustainability, and who will contribute to the university's land grant and sea-grant missions.  The successful candidate will demonstrate a commitment to place-based education that addresses critical issues in sustainability. The program offers a B.A. in Environment, Sustainability, and Geography, a B.S. in Geographic Information Science, and its faculty contributes to cross disciplinary graduate programs across campus. The Program is particularly interested in a candidate who can contribute to our existing programmatic strengths, while adding intellectual diversity to the Program in Geography in one or more of the following areas: environmental justice; energy systems and transitions; environmental health; climate change resiliency; environment and migration; or food systems. Scholars who utilize Geographic Information Systems (GIS) are especially encouraged to apply. The successful candidate will contribute to undergraduate teaching in the department's Environment, Sustainability & Geography (ESG) program, including core courses and courses in the candidate's area of expertise. It is especially interested in applicants with a record of successful teaching and mentoring of students from all backgrounds (including first-generation college students, low-income students, racial and ethnic minorities, women, LGBTQ, etc.) and an interest in contributing to UMD's programs, curricular offerings, and research portfolio in ways that enhance diversity, equity, and inclusion. For the full posting and the link to apply, visit employment.umn.edu and search Job ID# 365093. Applications must be submitted online.  Documents may be attached after application by accessing your "My Job Applications" page and uploading documents in the "My Cover Letters and Attachments" section. Please submit a letter of application, a CV, a list of three references and three statements not exceeding two pages each that detail: 1. a philosophy of teaching and learning; 2. an innovative and broadly impactful research agenda; and 3. the applicant's efforts to enhance diversity, equity, and inclusion. Review of applications will begin on Nov 11, 2024, and continue until the position is filled. Questions should be directed to Afton Clarke-Sather, afton@d.umn.edu. To request an accommodation during the application process, please e-mail employ@umn.edu or call (612) 624-8647.

**Kennesaw State University** is now accepting applications for a full-time, tenure track faculty position as Assistant Professor of Geographic Information Science (GIS) in the Department of Geography and

Anthropology with a preferred start date of August 2025. This is a nine-month contracted position. This position is for work to be performed in the state of Georgia. Teaching undergraduate and/or graduate courses in GIScience and other related disciplines according to the department's needs. Apply: https://www.kennesaw.edu/human-resources/careers/ and search for Job ID 277873. A Terminal/Doctorate degree, or the foreign equivalent, with the primary focus on GIS or a closely related discipline. The required degree must be earned by the start date. Preferred Qualifications: 1) Experience in any aspect of GIScience such as spatial big data, artificial intelligence (deep learning and machine learning), programming (Python, APIs, and other scripting languages), and/or Web GIS; 2) Evidence of scholarship/creative activities; and 3) Experience teaching online or hybrid courses.

**St. Mary's College** of **Maryland** is recruiting a tenure-track Assistant Professor of Environmental Studies to begin August 2025. The successful candidate will join vibrant community to deepen commitment to critical climate studies through innovative, project-based teaching and solutions-focused research in collaboration with students and the regional community. The college seeks a teacher-scholar to work across traditional disciplinary boundaries to support dynamic, applied learning grounded in imaginative, evidence-based, and effective action. The compelling candidate would hold a Ph.D. by time of hire from any relevant field in the natural sciences, social sciences, or arts and humanities and provide evidence of or potential for a strong record of securing external funding for their scholarly or creative work. Demonstrated experience with or interest in creating place-based teaching methods is highly desired. Strong, collegial communication and collaboration skills are essential. Competitive candidates for the Environmental Studies position will show excellent student-centered instruction and a track record of promoting equity and inclusion in their professional activities. While specialization is open, the college welcomes candidates whose teaching and scholarly/creative praxis approach climate resilience from the vantage point of one or more of the following: agroecology and regenerative food systems; resource management and restoration ecology; renewable energy and decarbonization; indigenous, BIPOC, Lantinx, feminist, and decolonial environmentalisms; just transitions and sustainability science; or citizen-science, advocacy, and environmental education. This position teaches the equivalent of 6 courses per year, including introductory courses, upper division electives within the candidate's area of expertise, and other courses to fill program needs. Faculty are also expected to contribute to the general (LEAD) curriculum, provide academic advising, mentor senior capstone experiences, and participate in Department and College service. Additional opportunities to apply for Faculty Development Grants are in place to help the new hires develop signature scholarly and creative agendas. Application materials should include a cover letter (within the cover letter, applicants are requested to speak to ways in which their teaching will contribute to a culture of inclusion and campus diversity), curriculum vitae (include email address; statement of teaching philosophy (up to 500 words); statement of research interests (up to 500 words); and evidence of teaching effectiveness (if available). In support of inclusive hiring practices, the College will also request three professional references (rather than letters of recommendation) at the time of application. Of these three references, at least one referee should speak to the candidate's disciplinary expertise and at least one should have seen the candidate deliver or design classroom instruction. References will be contacted only for candidates who advance to finalist interviews. Applications are being accepted online at apply.interfolio.com/154572.  Questions may be directed to the Search Committee Chair at environmentalstudiessearch@smcm.edu. The Search Committee will begin reviewing applications October 1 and continue to accept applications until the position is filled. Complete applications submitted by October 15 will receive the fullest consideration.

The **Department of Environment and Society** (ENVS) at **Utah State University** (USU) invites applications for a tenure-track position of Assistant Professor with expertise in the human dimensions of natural resources or conservation social sciences. Possible areas of focus could include environmental decision making, environmental perceptions and behaviors, natural resource management and decision-

making, or related themes. The department welcomes applications from those working across an array of natural resource management contexts. Teaching expectations will include a combination of online and in-person courses that contribute to the department's curriculum. This tenure-track, full-time academic-year (nine-month) position is based at the USU main campus in Logan. The emphasis for the position is 50% research, 40% teaching/advising, and 10% service. The position will start August 1, 2025. Application review will begin October 30, 2024. Candidates from all backgrounds and populations are encouraged to apply. For further information contact the search committee chair, Dr. Courtney Flint (courtney.flint@usu.edu). More details and application link: careers-usu.icims.com/jobs/8344/....

The **Department of Environment and Society** (ENVS) in the S.J. and Jessie E. Quinney College of Natural Resources (QCNR) at **Utah State University** (USU), invites applications for a broadly trained social scientist in public lands management/natural resource governance as a tenure-track Assistant Professor. The department is especially interested in candidates who are excited to build a robust online and hybrid teaching portfolio from the Moab Campus. It is also interested in candidates capable of supporting the evolution of the Recreation Resource Management degree within ENVS. This full-time (nine-month) faculty position is based at USU's Moab Statewide Campus (statewide.usu.edu/moab) in Moab, Utah, where ENVS currently has a cluster of three other faculty. This is a faculty position with teaching (50%, or 3-4 courses per year), research (40%), and service (10%) roles. The position starts August 2025. Review of applications begins November 1, 2024. For further information contact Dr. Jordan Smith, Search Committee Chair at jordan.smith@usu.edu. More details and application link: careers-usu.icims.com/jobs/8305/...

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