



The K-State Globe

Department of Geography and Geospatial Sciences, Kansas State University

27 November 2023

Departmental Events

Departmental Holiday Party - to be announced.

Weekly Geography Faculty Coffee Hour: 29 November, and 6 December at the Students Union, 8/8:15 am.

Presentation

Bimal Paul. 2023. Experience in Nepal as a Senior Fellow of Fulbright Flex. K-State Office of Research Development, 14 November 2023.

Employment Opportunities

The Environment, Energy and Ecology Program (E3P) at the University of North Carolina at Chapel Hill seeks to fill two teaching assistant professor (non-tenure track) positions. Both positions have an initial appointment for 5 years and are renewable after that. The E3P seeks faculty who can teach courses in two broad areas within a general focus on energy and energy economics: 1) a general overview of the US electricity system, covering topics such as generation, transmission, distribution, and emissions, and 2) business and finance fundamentals focused on the energy transition, sustainable business and finance models or carbon markets and carbon trading. Successful candidates must be willing to teach at all undergraduate levels, including introductory courses through upper-level courses in their area of specialization. Each position carries a 3-course load per semester requirement. One of these courses can be a client-based capstone that involves shepherding a group of 8-10 seniors towards a deliverable for an environmental or energy-related the client. The E3P is open with regards to what the other courses could be, but have needs for courses in energy, energy economics, and energy finance. Contact: Dr. Colin Thor West (Anthropology) ctw@email.unc.edu. Apply at: <https://unc.peopleadmin.com/postings/267385>.

The Wichita Police Department is hiring a crime/data analyst. The GIS skillset is some of the many we look for in applicants. The spatial analysis of crime, building of dashboards, and creation of GIS related applications are all projects in store for our next hire. The application deadline is 10/29/23 and the salary ranges between \$26.92-\$38.03 an hour. Application link: <https://www.governmentjobs.com/careers/wichita/jobs/2345824/non-commissioned-crime-analyst?keywords=crime&pagetype=jobOpportunitiesJobs>.

The Stockton University Environmental Science Program, Galloway, NJ, seeks to fill a full-time, tenure track position beginning September 2024. Successful applicants will demonstrate excellence in

teaching environmental science courses in a liberal arts environment, a willingness to foster undergraduate research, and participate in appropriate service activities. Teaching responsibilities will include core lower-level courses within the program, upper-level courses in the candidate's area of expertise, and contributions to the University's interdisciplinary general studies curriculum. All relevant research areas will be considered, but candidates with a focus on climate science, climate change adaptation, geospatial analysis, remote sensing, landscape ecology, or other related fields are strongly encouraged to apply. The successful candidate will be encouraged to develop a research program supported by external grants and fostering faculty-mentored collaborations with students. The University provides several competitive internal grants for project initiation. Applicants must demonstrate a dedication to excellent teaching, scholarship, and service appropriate for a primarily undergraduate institution. Descriptions of Essential Duties/Responsibilities: 1) Teaching load is 24 teaching credits hours per academic year with lectures carrying 4 credit hours and laboratories 2 credit hours, 2) Excellence in teaching, scholarship, and service are expected, 3) Serve as an advisor to undergraduate students, 4) Develop a relevant and robust research program that includes undergraduate students, 5) Participate in service to the University, community, and/or profession, and 6) Demonstrate the ability to support Stockton University's diversity commitment and strong student-centered vision and mission. Required Qualifications include an earned Ph.D. in Environmental Science, Geography, Ecology, Geosciences, or related field is required by position start. Advanced ABD candidates will be considered, but hired as an instructor until the degree is completed. How to Apply: To apply please visit <https://employment.stockton.edu> or click the "Apply" button. Only electronic documents will be accepted. Please complete the online application and include three professional references in addition to the following required documents. All required documents (Microsoft Word or PDF) must be submitted for your application to move forward: 1) A letter of interest describing qualifications and accomplishments, 2) Current resume or curriculum vitae, 3) Unofficial Graduate transcripts, 4) Teaching philosophy statement (1 page), and 5) Documents showing evidence of teaching effectiveness.

The Population Division of the U.S. Census Bureau has employment opportunities for people with skills in geography/GIS, programming, data science, and related fields. To apply, please visit [USAjobs.gov](https://usajobs.gov) and enter "Census Bureau" in the keyword search to see current postings and complete an application or go directly to the posting page below. This posting will remain open until Monday, November 20. <https://www.usajobs.gov/job/758207200>. The Bureau is looking for highly qualified people with training in GIS, Python and R, and population geography or demography, among other specialties. All positions require U.S. citizenship. Openings offer qualified applicants an opportunity to work on a range of projects, including: producing population estimates for other countries and studying their subnational demographic characteristics; developing methods for high-resolution gridded population mapping; Python and R programming to improve data acquisition, processing, and analysis; and mapping population globally and in the U.S. International population mapping activities at the Census Bureau provide data and maps needed for humanitarian assistance and disaster relief worldwide.

The Department of Geography at the University of Connecticut seeks a full-time, 9-month tenure-track position at the assistant, associate, or full professor levels to join a cluster hire in Artificial Intelligence/Machine Learning (AI/ML): Understanding and Addressing Natural and Climate Change-Related Disasters. The department seeks a colleague who can holistically utilize Geospatial Artificial Intelligence (GeoAI) technologies and methods for addressing issues related to climate-related hazards and risk. Areas of research and teaching focus may entail (but are not limited to) social dimensions of climate extremes and disaster risk, including risk governance, exposure, risk mitigation, disaster preparedness, response, and recovery. We expect the candidate to be capable of employing cutting-edge GeoAI technologies, such as deep learning, high-performance computing, virtual reality/augmented reality (VR/AR), big data visualization, and multidimensional data analysis. This search is with hires in Earth Sciences, Economics, Geography, Journalism, and Statistics. The cluster will engage the role of AI/ML in understanding the scientific underpinnings of natural and human-induced environmental risk, human dimensions of hazards and risk mitigation, the economic impacts of these hazards, and

meaningful public engagement. Please apply online to Academic jobs Online academicjobsonline.org/ajo/jobs/26486 and submit the following application materials: 1) Curriculum vitae, 2) Research statement (e.g., prior research findings and impact; future research plans), 3) Teaching statement (e.g., teaching experience, teaching philosophy, courses prepared to teach), 4) Commitment to diversity statement (e.g., values around social justice, diversity, equity, and inclusion; diversity-related experience in teaching, research, and service; plans to continue to advance diversity, equity, and inclusion), 5) Sample journal articles or books, and 6) Contact information for three (3) letters of reference. References will not be contacted without notification of the candidate. Review of applications will begin on December 1, 2023, and continue until the position is filled. This position will be filled subject to the budgetary approval.

The Department of Geosciences at Middle Tennessee State University invites applicants for a full-time, tenure-track faculty position in Environmental Science at the rank of assistant or associate professor. The start date for the position is August 1, 2024. The successful candidate will be an environmental scientist who can strengthen and broaden the department by introducing a new specialty area that integrates with and expands our current program. Responsibilities will include teaching Introduction to Environmental Science and upper-level courses within their area of expertise. In addition, the successful candidate is expected to develop a robust research agenda that complements our current Environmental Science, Geology, and Physical Geography programs and MS in Geosciences. Additional responsibilities will include advising and mentoring undergraduate and graduate students and departmental, college, and university service. A terminal degree in environmental science, environmental studies, or a closely related field is required by the appointment date. Applicants with expertise in natural resources management, forestry, brownfield restoration, wetlands restoration, conservation, renewable energies, green infrastructure, environmental planning, or other specialty areas within environmental science will receive special consideration. To successfully apply, applicants must include a cover letter, curriculum vitae, statement of teaching philosophy, and statement of research or creative activities (as appropriate to the discipline) as separate attachments at the time of online application. To apply for this position, go to <https://careers.mtsu.edu/> and follow the instructions on how to complete an application, attach documents, and submit online. Review of applications begins November 8 and continues until the position is filled.

The Department of Geography and Sustainable Development in the College of Arts and Sciences at the **University of Miami** seeks a full-time Lecturer. The successful candidate will be responsible for teaching undergraduate and graduate courses starting August 15, 2024. The ideal candidate should have experience teaching a range of courses, including Geographic Information Systems (GIS) at an introductory and advanced level, spatial modeling, and Python coding. Other related geospatial techniques courses would also be beneficial. The department seeks a colleague with strong interpersonal skills who is also a resourceful teacher. Candidates must demonstrate their subject knowledge and skills relevant to curriculum development in an academic and professional context. The position involves teaching, holding office hours, advising, and mentoring students, and serving on departmental, college, and university committees as needed. The ideal candidate should be able to develop curricular materials and ensure they are up to date in the rapidly evolving field of GIS. Additionally, they should collaborate with faculty and students to create a thriving GIS community within the department. This position requires the candidate to have the following qualifications: (1) a Ph.D. in Geography or a related field by the time of appointment, (2) proficiency in Esri GIS products such as ArcGIS Pro and ArcGIS Online, and (3) familiarity with other open-source software and programming languages, especially R or Python. While prior experience teaching at the college level is preferred, it is not required. To apply for the position, interested and qualified candidates should submit the following documents, compiled as a single PDF, through the University of Miami HR site <https://www.hr.miami.edu/>: (1) a cover letter, (2) a resume that includes the names of at least

three references, (3) a diversity statement, and (4) statement of teaching philosophy. Applications will be reviewed starting January 15th and continue until the position is filled. If you have any questions regarding this opening, please get in touch with Professor Han Li at han.li@miami.edu.

The Department of Geosciences in the Fulbright College of Arts and Sciences at **the University of Arkansas** invites applications for a tenure-track Assistant Professor of Geography to start in August 2024. This is a standard nine-month faculty appointment. The department seeks an outstanding individual with knowledge in geospatial data science and skills in field-based research using state-of-the-art methods, such as unmanned aircraft systems (UAS), photogrammetry, global navigation satellite systems (GNSS), and geographic information systems/science (GIS), and expertise that supports some combination of the university's three signature research areas (<https://arkansasresearch.uark.edu/signature-research-areas/>). Of particular interest would be candidates who apply one or more of these research areas to specific problems in the broadly defined geosciences, such as land-change dynamics, physical geography, human-environment interactions, and/or other areas of applied geography. The successful candidate will be expected to develop an independent, externally funded research program and complement ongoing collaborative and interdisciplinary research in the department, college, and university. Teaching duties may include GNSS and its application in the field and integration with other systems, geospatial analytics, GIScience and related topics, remote sensing, and/or upper division undergraduate or graduate courses in the candidate's field of interest. Minimum qualifications include: 1) A doctoral degree in geography or a related discipline from an accredited institution of higher education conferred by the start of appointment, 2) A demonstrated ability to teach at the undergraduate and graduate levels, and 3) A demonstrated ability to develop an independent, externally funded research program. Completed applications received by January 2, 2024, will be assured full consideration. Late applications will be reviewed as necessary to fill the position. Review of applications will begin in early January 2024 and the position will remain open until filled. For additional inquiries, please contact the search committee chair, Brad Peter, at bradp@uark.edu. For a complete position announcement and information regarding how to apply, visit https://uasys.wd5.myworkdayjobs.com/en-US/UASYS/job/Assistant-Professor-of-Geography_R0047876?locations=17a66cdad98201f7890cfb48ca00e249. Applicants must submit: 1) a curriculum vitae, 2) a cover letter/letter of application that addresses research/teaching/service experience and goals, and 3) a list of three professional references (name, title, email address, and phone number) willing to provide letters of recommendation if requested during the application process. Letters of recommendation will be requested only for candidates selected for interviews.

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 (Assistant Professor, FA040). 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 requirements include: 1) Ph.D. in Geography, Environmental Science, or a related field is required, and 2) ABD candidates may apply but must have their degree completed by the contract start date in August 2024; if not, they will be hired on a one-year contract with the understanding that their degree will be completed before January 2025 in advance of their first scheduled review. 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. 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. This Job ID is 20139.

Old Dominion University's Department of Political Science & Geography seeks applicants for a tenure-track Assistant Professor position to begin Fall 2024. The department is seeking a geographer to teach undergraduate and graduate courses on campus and online whose research addresses the nexus of environmental geography and applied geospatial analysis. The successful candidate will be able to teach existing courses in undergraduate program in Geography and contribute to expanding offerings in physical and environmental geography. The Department contributes to the interdisciplinary undergraduate, masters, and doctoral programs in International Studies In addition, the department offers relevant certificates in GIS, Spatial Analysis of Coastal Environments, Environmental Resources and Policy, and Hazards and Emergency Management. In addition to currently offering concentration in Geospatial Analytics in the MS in Data Science and Analytics, the Department is proposing a MS degree in Geospatial Science and Technology. The department has an accomplished and diverse faculty and student body committed to social and environmental justice, and the successful candidate will enrich this atmosphere. Opportunities exist to participate in ODU's Institute for Coastal Adaptation and Resilience (ICAR), teach in the Spatial Analytics Instructional Laboratory, and collaborate with expanding schools of Public Health and Data Science. To apply, submit the following to <https://jobs.odu.edu/postings/19630>: 1) Cover letter; 2) CV; 3) Statement of Research Interests; 4) Statement of Teaching Philosophy; 5) Unofficial graduate transcripts; and 6) Contact information for three professional references. The review of applications will begin **November 20, 2023**. Inquiries should be directed to Dr. Tom Allen (tallen@odu.edu). More information about the department is available at <https://odu.edu/pols-geog>.

The **Department of Geography, Geology, and Environmental Science** at the **University of Wisconsin-Whitewater** is seeking an Assistant Professor of Environmental Justice and Sustainability (Assistant Professor, FA040). The potential areas of expertise include environmental justice, global water issues, climate resilience, environmental health, adaptation planning, and/or environmental hazards. The successful candidate will contribute to multiple programs: Geography majors and minors; three Environmental Science major emphases; the Environmental Studies minor; the International Studies major and minor; and general education program. This is a full-time, nine-month position with responsibilities for teaching undergraduate courses, conducting research in the candidate's area of expertise, and providing service to the university and community. While not required, expertise in regional or global water issues is preferred, along with the ability to contribute to and participate in the **Freshwater Collaborative of Wisconsin**, a multi campus research and teaching initiative to further water expertise and research throughout the state. The candidate will also be expected to participate in service activities and embrace inclusion as a member of the university community. Minimum Qualifications include: 1) Ph.D. in Environmental Studies, Environmental Science, Geography, or a

related field is required with specific expertise in environmental justice, and 2) ABD candidates may apply but must have their degree completed by the contract start date in August 2024; if not, they will be hired on a one-year contract with the understanding that their degree will be completed before January 2025 in advance of their first scheduled review. The successful candidate will teach 12 credit hours per semester. Responsibilities include a rotation of courses in Global Perspectives (a general education requirement), Introduction to Sustainability, Human Geography, and additional courses in the candidate's area of expertise. Research expectations include an active research agenda resulting in publications. In addition, faculty members serve 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 graduate transcripts (official transcripts will be required if offered the position) , and Additional materials may be requested at a later date from applicants Well-qualified candidates can expect a starting salary commensurate with the candidate's education, related experience, and qualifications. This Job ID is 20128.

The Department of Geography and Earth Sciences in the College of Humanities & Earth and Social Sciences at **the University of North Carolina at Charlotte** invites applications for a tenured or tenure-track appointment (Assistant Professor or Associate Professor) around Geospatial Health Analysis. The department is seeking a dynamic and broadly trained geospatial health scientist whose expertise focuses on health disparities, challenges and/or solutions from a geographic perspective. This position will begin on August 15, 2024. Requirements for this position include a Ph.D. degree in Geography, Geographic Information Science, Urban Planning, a health-related field, or another discipline related to geospatial health analysis, awarded by the date of appointment. Candidates will be expected to demonstrate their ability (1) to contribute to the department's undergraduate, masters, and Ph.D. focus areas in geography, urban and regional analysis, human-environment interactions, and geographic information science and/or geospatial health; (2) to build a cutting-edge, externally funded research program in geospatial health analysis; (3) to engage in interdisciplinary collaboration; and (4) to effectively teach undergraduate and graduate courses in geography, geographic information science, and/or their area of specialization. Applicants at the Assistant Professor level are encouraged to demonstrate how their academic and/or professional experience have prepared them for sustainable success in the above four areas. Applicants at the Associate Professor level should demonstrate a record of sustained excellence in the above four areas. Finalists will be asked to discuss how their teaching practices engage students of different ages, races, ethnicities, backgrounds, identities, and abilities, helping to remove barriers to ensure the success of all students regardless of their entry pathway into the university. Candidates should submit the following to <https://jobs.charlotte.edu/> Position Number 006905: (1) cover letter; (2) research statement; (3) teaching statement; (4) a curriculum vitae; (5) one to three representative publications, and (6) contact information (including email addresses) for at least three professional references. Review of applications will begin on December 1, 2023, and will continue until the position is filled. For more information, contact search committee chair Dr. Colleen Hammelman, (colleen.hammelmann@charlotte.edu).

The Department of Geography & Geospatial Sciences at South Dakota State University, Brookings, South Dakota, seeks applications for a tenure-track, Assistant Professor to begin August 2024, with a specialization in Geographic Information Sciences (GISc). The department is looking for a creative and innovative professional to help develop and grow our GISc program. This is a 9-month, full-time, benefit-eligible position, with a 40% to 60% teaching load. This position is supervised by the Department Head for Geography and Geospatial Sciences. The Department of Geography & Geospatial Sciences offers B.A/B.S. degrees in Geography, B.S. Geographic Information Sciences, B.S. Community and Regional Planning, M.S. degrees in Geography and Geography - GISc Specialization, and a Ph.D. in Geospatial Science and Engineering. Position is open until filled with full consideration given to applications received by November 10, 2023. South Dakota State University accepts applications through an online employment site. To apply, visit: <https://yourfuture.sdbor.edu>, search by the position title, view the job announcement, and click on “apply for this job.” This system will guide you through the electronic application form. This employment site will also require the attachment of a cover letter, which should specifically address how the candidate meets the qualifications as outlined in the advertisement, Curriculum Vitae, statement of teaching philosophy (3-page limit, attached as other), and a reference page with the contact information for three professional references. Email applications will not be accepted. Please contact South Dakota State University Human Resources at 605-688-4128 if you require assistance with this process. Requirements include: Enthusiastic, creative, and innovative teaching and the ability to engage undergraduate and graduate students in the classroom as well as willing to include students in contractual and community projects; Interest in areas that help the department strengthen relationships with its own and complementary programs, including for example environmental GIS, urban planning, agricultural GIS, or business GIS; Knowledge of Web GIS, AI/ML, cloud computing, big data analytics or UAS-based GIS; Ability to promote GIS to the campus community, the broader community, and business stakeholders; Advise and mentor undergraduate and graduate students, including thesis and dissertation research; Develop a research program that includes external sources of funding, fosters university and community outreach, as well as collaboration within the department and university and publishes in peer-reviewed national and international journals; and Participate as a contributing team member in University, College, and Department governance and service; participate in professional service and outreach activities. Minimum qualifications include: 1) Ph.D. in Geography or a closely related field by first day of employment; 2) Knowledge of multiple, applied Geographic Information Science (GISc) technologies; 3) Potential ability to develop the department’s GIS program and effectively teach emerging GIS trends in the program’s undergraduate and graduate courses; and Effective written and verbal communication skills and interpersonal skills.

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