



The K-State Globe

Department of Geography and Geospatial Sciences, Kansas State University

7 April 2025

Departmental Events

Faculty Meeting: 11 April from 3:00 to 4:30pm, Seaton 1069.

Weekly Geography Faculty Coffee Hour: 9 and 16 April at the Students Union, around 8:15 am and lasts until 9:00 am.

Publications

Olstad, T. A., Peterson, B. A., **Hutchinson, J. M. S.**, Beeco, J. A. & Joyce, D. 2025. Spatial Patterns of Overflights at Bryce Canyon National Park, Updated 2023–2024. *Science Report* NPS/SR—2025/242. National Park Service, Fort Collins, Colorado. doi.org/10.36967/2307673.

Peterson B. A., **Hutchinson J. M. S.**, Gurung B., Betchkal D. H., & Beeco J. A. 2025. Exploring Spatial Patterns of Overflights at Denali National Park and Preserve. *Science Report*. NPS/SR—2025/220. National Park Service. Fort Collins, Colorado. doi.org/10.36967/2307459.

Peterson B. A., **Hutchinson J. M. S.**, Gurung B., T. Olstad T., & Beeco, J. A. 2025. Exploring Spatial Patterns of Overflights at Glacier National Park. *Science Report*. NPS/SR—2025/259. National Park Service. Fort Collins, Colorado. doi.org/10.36967/2309483.

Presentations/Poster

Recently, the AAG Annual Conference was held in Detroit, Michigan. The following papers/posters were presented at this conference:

Marcellus M. C., (also Chair) Jason B., **Audrey J.**, & **Helene A.** Wildfire in the Southern Great Plains: Perception of Landowners and Management Behavior Practices.

Audrey J., Jason B., & **Marcellus C.** The Conservation Reserve Program in a Wildfire-prone Landscape: Risk and Strategy in the southern Great Plains.

Neda M., Morteza S., & **Marcellus C.** A Novel Calibration of the Optical Trapezoid Model (OPTRAM) for Soil Moisture Monitoring Using SMAP Data.

Smirnova V. (also Organizer). Abandonment and the Property Question: Land Practices in Repressive Regimes and Frontier Zones.

Smirnova V. Organizing the annual Eurasia Geography Plenary and Business meeting on behalf of the AAG Eurasian Specialty Group.

Juhee L. Impacts of Extreme Weather on Energy Poverty in Texas: Insights into Vulnerable Communities and Policy Needs.

Francois J. R. & Nelson, K. S. Aligning Values with Practice: An analysis of Drivers and Barriers of Crop Diversity Management in Agricultural Landscapes. Also, the organizers and co-chairs by Francois, J. R. & Madin, M.

Ojha S. Embers of Change: Rethinking Water Governance in the Face of Wildfires in Colorado's Front Range.

Michael M., Katherine N., & **Moley, L.** Prospects for Biodegradable Mulch Suitability and Adoption for Agriculture Applications under Current and Future Climate Scenarios.

Ruto, C., & Fick, W. Making Decisions with Caution: Navigating Uncertainty in Kansas Ranching Systems (Poster).

Students' Opportunity

The NRES Graduate Fellowship recognizes early career researchers with promising teaching and research potential and provides recipients with valuable experience mentoring interdisciplinary undergraduate research. Fellows receive an award of \$1,500 to support their research and are eligible to apply for an additional NRES Travel Award of \$500 during the academic year in which the fellowship is awarded. **The application deadline is May 2, 2025.**

Doctoral students and post-doctoral researchers from any discipline conducting research in natural resource management, environmental sciences, human-environment interactions, and sustainability science are encouraged to apply. Preferred applicants will have already earned their PhD or been admitted to candidacy and be making excellent progress towards doctoral degree completion.

The Department Geography and Geospatial Sciences at K-State, is looking to fill three graduate teaching positions for the Summer 2025 semester (May 27-August 15th, 12 weeks), two for course instructors and one for a lab instructor. The positions are for three classes:

GEOG 100, M-F 12:40 to 2:35 pm, Seaton Hall 2068 (approx. \$2000-2500)

GEOG 121, M-F 10:20 am to 12:15 pm, Seaton Hall 1069 (approx. \$2000-2500)

GEOG 122, M-U 12:40 to 2:40 pm, Seaton 1066 (approx. \$1500)

These positions are in-person, so you would have to be on campus to teach. Please let **Dr. Audrey Joslin** know on or before Thursday, April 10 if you are interested in any of these options. The graduate admissions and assistantships committee will rank applications for these TA assignments.

Employment Opportunities

The Department of Physical and Environmental Sciences at Concord University invites applications for a tenure-track Assistant Professor position in Physical Geography and Geospatial Sciences. The department seeks an interdisciplinary scientist to join Environmental Geosciences program, engaging with program majors and supporting a diverse range of students across disciplines, including education, computer science, data analytics, and the University General Education Program. The Department offers a B.S. degree program in Environmental Geosciences in collaboration with geologists, and a GIS User Certificate. The successful candidate will be responsible for teaching online and face-to-face classes, including 1) Introductory courses, such as Humans and the Environment and Digital Earth; and 2) upper-level courses, such as GIS, Remote Sensing Applications, and at least one advanced course in physical geography, with a preference for expertise in surficial processes, natural hazards, or water resources. The Department values and actively supports innovative teaching and undergraduate research. While the position is primarily teaching-focused, the faculty member will also supervise undergraduate research, fostering student engagement in applied and interdisciplinary projects. Other duties include Departmental and University service, community outreach, and supervision of the geospatial sciences laboratory. A Ph.D. in geography or a closely related Earth and environmental sciences field is required (ABD candidates may be considered). Appointment at higher rank may be possible for well-qualified candidates. Interested applicants should apply at <https://jobs.concord.edu>. Applicants should upload: (1) a cover letter specifically describing interest in teaching at a rural primarily undergraduate institution, (2) current curriculum vitae, (3) statement of teaching and research interests and philosophy, (4) unofficial transcripts, and (5) a list of three professional references with contact information including name, email address and phone number(s). Questions can be addressed to Dr. J. Allen, Chair, allenj@concord.edu. Review of applications will continue until the position is filled.

The Department of Geography, Environment, and Sustainability at the University of North Carolina at Greensboro (UNCG) invites applications for a tenure-track Assistant Professor position in the field of Urban Sustainability to begin August 1, 2025. The department seeks a dynamic scholar-teacher to help us build existing departmental strengths, especially in sustainability, urban planning, and GIScience. It is particularly interested in candidates with high potential to develop an externally funded research program and mentor undergraduate and graduate students at the intersection of the following areas: sustainable urban planning, sustainability, environmental geography, and environmental studies. Examples of potential topical expertise include environmental and climate justice, sustainable/low-carbon urban development, housing and community development, inequality and planning, and sustainability science. It is expected that the candidate will teach courses in these areas as well as general education courses in one or more environment and sustainability, human geography, resource geography, or physical geography. Strong skills and experience using geographic information systems (GIS) in research is highly desirable, but not mandatory. The Department of Geography, Environment, and Sustainability currently offers the following degrees: B.A., B.S., M.S. and Ph.D. Information on the Department's faculty, initiatives, degree programs, and concentrations can be found at our website (<https://ges.uncg.edu>). Candidates must hold or anticipate a Ph.D. in Geography, Sustainability, Urban Planning, Environmental Studies or an allied field by August 1, 2025. To apply visit <https://jobsearch.uncg.edu> and click on "Faculty/Tenure Stream." The position number is 1542. A full dossier of uploaded materials will include: 1) Letter of application that addresses research goals, teaching philosophy, and describes any relevant experience working with graduate students, diverse populations, and in realms outside of academia; 2) Curriculum vitae; 3) Examples of scholarly work; 4) Examples of teaching effectiveness (if applicable); and 5) Names and contact information of three references. Review of applications will begin immediately and continue until the position is filled. For questions about the positions, please contact Dr. Corey Johnson (cmjohns8@uncg.edu), chair of the search committee, and include "Urban Sustainability Assistant Professor Position" in the subject line.

The Department of Earth, Environmental, and Planetary Sciences (DEEPS) at Northwestern University invites applications for a continuing Assistant Professor of Instruction position. The appointee will teach six courses annually, spread over three quarters, including introductory and advanced-level courses, and contribute to building curriculum within the DEEPS program. DEEPS seeks a scientist with core strength in geographical information systems (GIS). In addition to teaching GIS courses, the successful candidate will teach other courses in their field of expertise. Areas of particular interest include ecology, hydrology, geomorphology, climate, urban systems, ecosystem health, or geohazards. This is a benefits-eligible, full-time, teaching track, continuing appointment starting September 1, 2025. A Ph.D. degree is required at the start of the appointment. Preference will be given to candidates with demonstrated expertise in working with diverse student communities and a record of effective teaching. To ensure full consideration, please submit application materials by December 16th. Review of applications will begin at that time and continue until a candidate has been identified. Questions regarding the position should be sent to Prof. Patricia Beddows (p-beddows@northwestern.edu). Application packages must include a cover letter, CV, list of 3 references including contact information, a 2-page teaching statement describing teaching goals, methods, and strategies, and may optionally include a Teaching Portfolio of materials that demonstrate dedication and excellence in teaching. Applications will only be accepted electronically through DEEPS online portal at <https://tinyurl.com/NU-DEEPS-FacultySearch2024>.

The Department of Geosciences at Fort Lewis College is seeking a new tenure-track Assistant Professor of GIS. This position covers undergraduate courses across the flourishing GIS Certificate Program, and helps to coordinate the program, advises certificate-seeking students, and engages in research or applications of GIS. The GIS certificate courses serve students across our liberal arts college so inter-disciplinary thinking and teaching approaches are encouraged. The candidate 1) teaches a full load (~12 contact hrs/semester for research-active faculty), including both introductory and advanced GIS courses; 2) assists in the coordination of the GIS Certificate Program; 3) maintains currency in their field through professional development, conference attendance, and engagement in scholarly activities; 4) participates in program development and assessment particularly as applied to the GIS Certificate Program, curriculum planning, and outreach to prospective students and professional GIS organizations; and 5) demonstrates a commitment to diversity, equity, inclusion, and student success, as well as working with broadly diverse communities. Requirements include 1) PhD in Geography, Geosciences, Environmental Science, or related field. ABD will be considered; 2) Mastery of ESRI's ArcGIS Pro; 3) Minimum of 4 years of experience using and/or teaching GIS and related topics; and 4) A demonstrated commitment to diversity, equity, inclusion, and student success, as well as working with broadly diverse communities. Go here for more information and to apply: [MORE INFO](#)

College of Integrated Science and Engineering at James Madison University, Harrisonburg, VA seeks two positions in Applied Environmental Science and Sustainability. Each position will be teaching load will be three courses per semester, equivalent to 60% of a faculty member's effort, with support for diverse research and scholarship activities. Primary teaching assignments will include courses with an emphasis on global environmental issues, basic chemistry, ecology, and pollution of air, water, and land at the introductory (ISAT 100, 112, and/or 160), intermediate (ISAT 320 and 321) and upper levels (400-level concentration courses). The college encourages faculty to propose and develop courses in their specific areas of expertise. It will support opportunities to teach courses in Geography, and at the graduate level through MS-ISAT. For more information about ISAT capstone projects and examples of past projects, please see: <https://www.jmu.edu/cise/isat/research.shtml>. The college encourages candidates with broad environmental training and diverse skill sets to apply. Experience as an environmental professional beyond academia—e.g., industry, consulting, government, or the non-profit sector—is valued, but not required. Candidates must possess one of the following: 1) A Ph.D. in an

environmentally relevant academic field by August 2025 is required for tenure-track appointments; and 2) A Master's degree and significant professional experience in an environmentally relevant field is required for renewable term appointments (RTAs). Successful candidates must also demonstrate: 1) A commitment to engaged learning, innovative pedagogies, continuous improvement, and inclusive practices in the context of undergraduate education and mentoring; 2) Ability and enthusiasm to teach a wide variety of courses within the ISAT-Environment and Sustainability concentration, especially, and including foundation level general education courses. Examples of the latter include ISAT 100, 112 and 160. Some of these courses are offered as large sections. More advanced courses include ISAT 320/321 and 400-level concentration courses.; 3) Strong potential for developing an active scholarly program that augments the strengths of the ISAT program and is accessible to a diverse student body; and 4) A strong interest in getting involved with and helping to steer program and unit-level shared governance at all stages of their career. To apply, please visit: <https://jobs.jmu.edu/jobs/assistant-professor-in-applied-environmental-science-and-sustainability-two-positions-harrisonburg-virginia-united-states>.

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