

Assistant Professors, Geography and Environmental Sustainability

The Department of Geography and Environmental Sustainability (DGES) at the University of Oklahoma (<http://geography.ou.edu>) invites applications for a cluster of three tenure track positions focused on **Earth System Prediction and Community Resilience**

The University of Oklahoma is committed to achieving a diverse, equitable, and inclusive university community by embracing each person's unique contributions, background, and perspectives. The University recognizes that fostering an inclusive environment for all, with particular attention to the needs of historically marginalized populations, is vital to the pursuit of excellence in all aspects of our institutional mission. This enhances the OU experience for all students, faculty, and staff, and for the communities with which we engage.

The Mission of the College of Atmospheric and Geographic Sciences is to provide a world-class academic experience that promotes convergent, innovative, and inclusive education and research at the intersections of weather, climate, and sustainability. To fulfill our mission, we are dedicated to preparing students for successful careers in the private sector, academia, government agencies, and non-governmental organizations.

Cluster Summary: These positions are part of a multiyear OU strategic initiative developing a **Roadmap Towards Earth System Predictions and Community Resilience**. The emphasis for the current search is on **High-Impact and Severe Weather**, which compliments a recent emphasis within DGES on **Urban Sustainability**. These positions fit within the college's strategic vision of promoting convergent weather and climate research and are strongly aligned with OU's strategic plan by helping to build and support research, education, and outreach in building Resilient Environment, Energy, and Sustainability systems.

Position One: Water Systems Science. We seek an innovative scholar who studies water systems from a transdisciplinary perspective. Topics of interest include lacustrine and riverine geomorphology, stream restoration, watershed hydrology and management, and the effects of global change on water systems. The successful candidate will foster understanding of convergent issues concerned with the impacts of environmental change on water systems, water availability, and intersections with governance and equity. Committee Chair: Dr. Tom Neeson, neeson@ou.edu

Position Two: Community Resilience. We seek an innovative scholar to contribute to convergent research on how communities adapt to and recover from environmental change. The ideal candidate will employ social science and policy research to develop

and evaluate community resilience strategies in relation to high-impact weather and climate events, with an emphasis on the social-ecological and technological systems that influence levels of resilience. Committee Chair: Dr. Darren Purcell, dpurcell@ou.edu

Position Three: Urban Climate. We seek an innovative scholar with the potential to make significant contributions in the understanding of the link between high-impact weather and climate extremes and community resilience in urban environments. The scholar's research may include public health, sustainability, climate-change impacts or adaptation, heat waves, air quality, or flooding. This position will be a joint appointment between DGES and the School of Meteorology. The ideal candidate will embed their research in urban systems thinking and employ geospatial technologies, numerical modeling, data science, or remote sensing to address these questions. Committee Chair: Dr. Renee McPherson, renee@ou.edu

Department of Geography and Environmental Sustainability: The ideal candidates will have the potential to contribute to sustainability and resilience collaborations in our intellectually diverse department. Applicants must possess a PhD in Geography or a related discipline at time of appointment. The successful applicants will be expected to develop a vigorous, independent research program, to teach in the Department of Geography and Environmental Sustainability (the standard load is 2-2), and to contribute to mentorship and advisement for students in our growing graduate program. The Department of Geography and Environmental Sustainability is currently composed of 20 tenure-line faculty with diverse research agendas.

The University of Oklahoma is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic and healthcare needs of the state, region, and nation from three campuses: Norman, Health Sciences Center in Oklahoma City and the Schusterman Center in Tulsa. OU enrolls over 30,000 students and has more than 2700 full-time faculty members in 21 colleges. In Fall 2021, approximately 25% of OU's freshmen were first-generation students, 38% of all students belonged to a historically underrepresented, underserved, and/or marginalized race/ethnicity and in Fall 2020 5% were international.

We acknowledge that the University of Oklahoma is on the traditional lands of the Caddo Nation and the Wichita & Affiliated Tribes. This land was also once part of the Muscogee Creek and Seminole nations. It also served as a hunting ground, trade exchange point, and migration route for the Apache, Cheyenne, Comanche, Kiowa, and Osage nations. Today, 39 federally recognized Tribal nations dwell in what is now the State of Oklahoma

as a result of settler colonial policies designed to encapsulate and assimilate Indigenous peoples.

Norman is a vibrant university town of around 113,000 inhabitants with a growing entertainment and art scene. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on “best place to live” rankings. Visit <http://www.ou.edu/flipbook> and <http://soonerway.ou.edu> for more information. Within an easy commute, Oklahoma City features a dynamic economy and outstanding cultural venues adding to the region’s growing appeal.

Application Materials Requested: To apply, submit a letter of interest clearly identifying to which position you are applying, a *curriculum vitae*, a list of three people who can serve as references (with e-mail addresses and telephone numbers), and separate brief (~2-3 pages each) statements regarding 1) research, 2) teaching, 3) service, and 4) diversity, equity, and inclusion (DEI). The research statement should summarize your prior contributions to research and your goals for developing a research program at OU. The teaching statement should summarize past instructional and mentorship experiences, your pedagogical philosophy, and plans/goals for teaching at OU (including existing and proposed courses) and advising a diverse cohort of undergraduate and graduate students. The DEI statement should summarize your understanding, experience, and plans for contributing to diversity, equity, and inclusion efforts through research, teaching, and/or service. Please submit all these materials in one file to apply.interfolio.com/95572. Screening of applications will begin on November 1, 2021, and will continue until the positions are filled.

The University of Oklahoma is an Equal Opportunity institution <http://www.ou.edu/eoo/>. Individuals with disabilities and protected veterans are encouraged to apply