



The University of Oklahoma®
Department of Geography and Environmental Sustainability

A 4-year funded PhD student position at the University of Oklahoma

About the position

[Dr. Xin \(Selena\) Feng](#) in the [Department of Geography and Environmental Sustainability](#) at the University of Oklahoma, USA, is currently recruiting a PhD student (must have a master's degree at the time of appointment) for Fall 2023. Competitive funding packages are available and include tuition waiver, stipend, and health insurance. The position will focus on developing, implementing and applying geospatial methods and techniques for solving social and/or environmental issues. Potential research areas include geographic information science, spatial optimization, geospatial data science, with applications in urban and resource planning, human-environmental interactions, and climate extremes. For fall 2023 we are particularly looking for students who have experience and interest in programming (e.g., Python, Java, R) and a solid foundation of mathematics. Other useful skills may include machine learning, operation research, spatial statistics, and remote sensing. Candidates with experience of heuristic algorithms or high-performance computing are particularly encouraged to apply.

About Department of Geography and Environmental Sustainability

With nearly two dozen faculty and more than 50 graduate students, expertise on the physical and humanized earth runs the gamut from technical and field-based science to critical-theoretical and geohumanities perspectives. Here's some of what we do: applied climatology; biogeography; climate change and variability; conservation biology; cultural geography; geopolitics; geospatial analysis; GIS; green community entrepreneurship; historical geography; human health geography; hydrology and watershed processes; Indigenous geographies; LULC change modeling; media geographies; natural hazards; political geography and political ecology; remote sensing; renewable energy; socio-ecological systems; socio-technical systems; sustainability of energy and water systems; time geography and animal movements; transportation geography; urban sustainability, planning and studies; and water resources.

Life in Norman, Oklahoma

The University of Oklahoma (OU) 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. 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. Within an easy commute, Oklahoma City features a dynamic economy and outstanding cultural venues adding to the region's growing appeal.

How to apply

The deadline for full consideration is **January 15th, 2023**, for U.S. and international applicants seeking admission and assistantship funding for the fall semester. ***GRE scores are not required.*** International applicants whose first language is not English needs to submit TOEFL result report.

Visit <https://www.ou.edu/ags/geography/degree-programs/graduate-program> for more information. Please direct inquiries to Dr. Xin (Selena) Feng (selena.feng@ou.edu) and include a resume/cv with expressions of interest.