

Tenure-Track Assistant Professor Position in Earth Surface Processes

Department of Earth Sciences University of Delaware

The Department of Earth Sciences in the College of Earth, Ocean, and Environment at the University of Delaware (UD) invites applications for a 9-month, tenure-track faculty position in Earth Surface Processes beginning in fall 2025 at the rank of Assistant Professor. We are seeking exceptional candidates who will develop a strong externally funded research program, teach across the introductory to graduate curriculum, mentor graduate students, and contribute to a supportive and interdisciplinary culture within the Department, the College, and the University. Candidates will be considered from any specialization within surface processes/geomorphology; those focusing on coastal processes, natural hazards, or the cryosphere, and who use tools such as numerical modeling, remote sensing, and big data science are especially encouraged to apply. A Ph.D. in earth sciences or a related field is required. Successful candidates are expected to have demonstrated excellence in research, commensurate with career stage, and have a dedicated interest in high quality teaching. All faculty are expected to contribute to a welcoming campus environment that embraces diversity.

We seek a candidate whose research is attentive to both high-impact applications and cutting-edge technology and can build on existing strengths in the Department of Earth Sciences that include geochemistry, microbiology, hydrology, seismology, and geophysics. The successful candidate will have opportunities to collaborate across the university with faculty in units such as the Department of Geography and Spatial Sciences, the School of Marine Science and Policy, the Department of Civil and Environmental Engineering, the Department of Plant and Soil Sciences, and the Department of Applied Economics and Statistics. Interdisciplinary efforts may include interactions with the Delaware Environmental Institute, the Data Science Institute, the Disaster Research Center, the Gerard Mangone Climate Change Science and Policy Hub, and the Delaware Geological Survey.

General Information: A research-intensive, technologically-advanced university with global impact, UD traces its roots back to 1743. Today, it is a Carnegie R1 Doctoral University (highest research activity), with external funding exceeding \$200 million annually. State-assisted, yet privately governed, UD is a Land Grant, Sea Grant, and Space Grant institution. This position has the potential to benefit from new campus-wide investments such as the Data Science Initiative, a recent cluster hire in Coastal Water Security, and state-of-the-art facilities that provide access to research equipment and training and technical support to meet comprehensive research needs in an interdisciplinary environment. The University's leadership is committed to greater collaboration among colleges and across disciplines, and recognizes that UD, as a place of intellectual transformation and enlightenment, must be a source for positive change, stimulating faculty, staff, students, alumni and others to make a difference in society. Recognized by the Chronicle of Higher Education as one of America's best universities to work for, the University of Delaware is located in scenic Newark, Delaware, within 2 hours of New York, Philadelphia, Baltimore, and Washington, D.C.

The University of Delaware recognizes and values the importance of diversity and inclusive excellence in supporting our academic mission and enriching the experience of our employees. We are committed to attracting candidates with varying identities and backgrounds, knowing that diversity enriches the academic experience and expands the knowledge base for innovation. We strongly encourage applications from scholars from under-represented groups. UD provides equal access to, and opportunity in, its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. The University is responsive to the needs of dual-career couples, and supports work-life balance through our family-friendly policies.

University of Delaware salaries and fringe benefit packages compare favorably with other universities in general and land grant universities in particular. Tenure-track professors receive a one-semester sabbatical leave in the third year. A competitive start-up package will be available.

Applicant Instructions: Applicants should apply on-line (<https://careers.udel.edu/en-us/listing/>) and should submit a cover letter, a curriculum vitae, and statements of 1- current and future research plans, 2- teaching experience, interests, and philosophy, and 3- strategies to maintain a diverse, equitable, and inclusive environment (2-page maximum per statement). They should also provide the names and contact information for at least three references. Review of applications will begin on December 31, 2024, and will continue until the position is filled. Questions should be directed to Dr. John Madsen (jmadsen@udel.edu).