



Department of Civil and Environmental Engineering

Assistant Professor in Marine Geotechnics and Geo-Structures

The Department of Civil and Environmental Engineering at the University of New Hampshire invites applications for a tenure-track position at the assistant professor level in the areas of Marine Geotechnics and Geo-Structures to expand upon the Department's focus in the science and engineering of Coastal Sustainability and Resilience. The Department is seeking excellence through diversity and encourages qualified applicants with underrepresented identities to apply. More information can be found at <http://www.unh.edu/civil-engineering/>.

Successful candidates for this position will have expertise in one or more areas of marine geotechnics and geo-structures. Areas of interests include but are not limited to offshore geotechnics, in-situ and laboratory sediment characterization, ocean energy systems, sediment-structure or wave-sediment interactions, geo-environmental processes, or geo-hazards. These research topics have a wide range of applications including coastal and offshore infrastructure (e.g., wind turbine foundations and moorings, renewable energy systems, oil and gas processes, and geo-structures for sustainable seafood), submarine pipelines, and disaster evaluation, mitigation, and risk assessment (e.g., coastal erosion, submarine landslides, and tsunamis).

The successful candidate should have experience in team-based, interdisciplinary research and be prepared to work collaboratively with colleagues and stakeholders representing a wide range of expertise and interests. The candidate is expected to: teach existing courses and develop new courses at the undergraduate and graduate level; mentoring undergraduate and graduate students; and actively participate in service and outreach activities. An earned bachelor's degree and doctorate in civil engineering or a closely related field is required, with professional registration expected prior to tenure. Applicants with professional experience are encouraged.

The successful candidate will be involved in both independent and collaborative research working closely with the faculty in the Department of Civil and Environmental Engineering (CEE) and the ocean engineering faculty in the Department of Mechanical Engineering (ME) and School of Marine Sciences and Ocean Engineering (SMSOE). They will benefit from established and unique geotechnical and ocean engineering laboratories at UNH including state-of-the-art laboratory and field-testing equipment for static and dynamic soil characterization, a geotechnical centrifuge with variety of in-flight testing capabilities (<https://mypages.unh.edu/geo/research-facilities>), water and wave tank experimental systems in the Chase Ocean Engineering Laboratory (<https://ceps.unh.edu/ocean-engineering/facilities>), and facilities and resources at School of Marine Sciences and Ocean Engineering (<https://marine.unh.edu>). UNH is situated minutes away from several large estuaries, the Great Bay, and the Gulf of Maine. Faculty have access to these marine environments through existing research facilities.

The University of New Hampshire is a major research institution, providing comprehensive, high-quality undergraduate programs and graduate programs of distinction. UNH is ideally located in the rural town of Durham on a 188-acre campus, 60 miles north of Boston and 8 miles from the Atlantic coast, with ready access to New Hampshire's lakes and mountains. UNH is nationally recognized as a Sustainable Learning Community - a land grant, sea grant, and space grant university that unites the spirit of discovery with the challenge of sustainability across its Curriculum, Operations, Research and Engagement. There are over 12,000 undergraduate students and over 2,000 graduate students, with a full-time faculty of over 600, offering 90 undergraduate and more than 70 graduate programs.

The University of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action institution. The University seeks excellence through diversity among its administrators, faculty, staff, and students. The university prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged.

The University of New Hampshire is committed to building and nurturing an environment of inclusive excellence where all students, faculty, and staff can thrive. We also are committed to providing open and inclusive access for all alumni, volunteers, learners, employees, and visitors seeking to participate in our programs and activities. We venture to sustain a campus environment that fosters mutual respect and understanding. We believe diversity, equity, accessibility, and inclusion are foundational values inextricably linked to achieving our core educational mission; and we embrace the many characteristics of our community members that make them uniquely themselves. Here, you belong, and all are welcome.

The review process will be started immediately. However, for full consideration, applications must be received by **December 17, 2021**. All applicants should apply online at <https://jobs.usnh.edu>, job posting **#PF0529FY22**. Applicants will be required to submit the following six documents: (1) a letter of interest, (2) a curriculum vitae, (3) a statement of teaching, (4) a statement of research, (5) a statement of diversity, equity, and inclusion, and (6) the names and contact information of at least three references. These documents should be submitted as Adobe Acrobat files labeled "LastName_FirstName_DocumentType.pdf".