



Rensselaer

Tenure-Track Faculty Position - Geotechnical Engineering

Department of Civil and Environmental Engineering

The Department of Civil and Environmental Engineering at Rensselaer Polytechnic Institute invites applications for a tenure-track faculty position in geotechnical engineering at the assistant or associate professor levels.

The Civil and Environmental Engineering department has a focus on infrastructure sustainability and resilience. The department is home to a Center for Earthquake Engineering Simulation with a full-fledged geotechnical centrifuge facility that has unique equipment and capabilities and high international reputation. RPI's geotechnical engineering group is well-known for research in centrifuge and numerical modeling, soil dynamics and earthquake engineering, field monitoring and health assessment, energy geotechnics, and geo-environmental engineering. The School of Engineering (<http://www.eng.rpi.edu/>) has approximately 160 faculty and 3500 undergraduate and graduate students. The Department of Civil and Environmental Engineering has 21 Faculty, and approximately 250 undergraduate, and 25 MS and Ph.D. students.

We seek candidates who have research and teaching interests in experimental geotechnics with a focus on centrifuge modeling and experimentation. It is preferred (but not required) that candidates have prior experience in managing large experimental facilities and in centrifuge applications in geotechnical earthquake engineering or soil dynamics. The successful candidate will be expected to teach applicable undergraduate and graduate courses, to develop a high-quality research program that complements and supplements the existing strengths within the Department and the School of Engineering and to engage in professional service to the school. The candidate will have opportunities to collaborate with other researchers through various centers on campus including the Scientific Computation Research Center. At minimum, candidates are expected to have a Ph.D. or foreign degree equivalent in Civil Engineering, along with the ability to demonstrate, through their records of accomplishments, the promise of future distinction in scholarship and education.

Founded in 1824, RPI is the oldest technological university in the English-speaking world and will celebrate its bicentennial in 2024. RPI is a private university located near the beautiful confluence of the Hudson and Mohawk rivers in Troy, New York. Under the visionary leadership of President Marty Schmidt and Provost Rebecca Doerge, RPI is poised for transformative growth and innovation. With RPI's involvement, the City of Troy is undergoing buoyant commercial and cultural resurgence. Beyond Troy are the vibrant urban areas of the greater Capital Region, including Albany, Schenectady, and Saratoga—as well as the beautiful wilderness of the Adirondack region.

Applications will be accepted until the position is filled. All applicants are required to apply online. Please go to <https://careers.rpi.edu/en-us/job/494169/>. You will be asked to complete a brief profile and then contact information for at least three (3) references. Please be prepared to upload the following: 1) resume or CV, 2) research statement (including future research plans), 3) statement of teaching activities and interests, and 4) statement of diversity, equity. Questions regarding the position can be directed to Prof. Mourad Zeghal (zeghal@rpi.edu) or (518) 276 2836).

Expected hiring range: Assistant Professor \$95,000-\$120,000; Associate Professor \$110,000-\$142,000. **Pay transparency disclosure:** The selected candidate's salary will be determined based on factors that include the final candidate's qualifications, experience, and education. This hiring range is provided as Rensselaer's good faith estimate of the expected hiring range at the time of posting.

Rensselaer welcomes candidates who will bring diverse cultural, ethnic, and national and international perspectives to our work and campus communities. Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.