

Assistant Professor (Geotechnical Engineering)
University of Hawaii at Manoa

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Posted Sep. 18, 2025, set to expire Jan. 30, 2026

Job Title Assistant Professor (Geotechnical Engineering)
Department Department of Civil, Environmental & Construction Engineering
<https://www.cee.hawaii.edu/>
Institution University of Hawaii at Manoa
Honolulu, Hawaii

Date Posted Sep. 18, 2025

Application Deadline Continuous – application review begins December 12, 2025

Position Start Date August 1, 2026, or as soon as possible thereafter

Job Categories Assistant Professor

Academic Field(s) Geotechnical

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Job Description

The University of Hawai'i at Manoa (UHM), College of Engineering, Department of Civil, Environmental and Construction Engineering, invites applications for a full-time, general fund, tenure track faculty position, pending position clearance and availability of funds to begin approximately August 1, 2026, or as soon as possible thereafter.

The successful candidate will have access to a well-equipped geotechnical testing laboratory, along with associated machine shop facilities. Available computer facilities are extensive, including access to the Maui High-Performance Computing Center and state-of-the-art multimedia computer instructional laboratories.

The University of Hawai'i is a Carnegie R1 doctoral university with a strong emphasis on research and graduate education. The Department offers B.S., M.S., and Ph.D. degrees, and its undergraduate

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program is ABET accredited. Current enrollment in the Civil Engineering program is approximately 400 undergraduate and 65 graduate students. The Civil, Environmental and Construction Engineering currently has 22 faculty members. For more information on the department, please visit our website at cee.hawaii.edu.

Duties and Responsibilities:

- Teaching undergraduate and graduate courses in geotechnical engineering and related civil engineering courses including engineering mechanics; developing and teaching advanced courses in one or more of the following areas: earthquake geotechnical engineering; soil dynamics, engineering seismology; marine and coastal geotechnics; resilience and sustainability of urban systems and infrastructure; remote sensing using land, airborne or satellite sensors; virtual and augmented reality; digital twin applications in geotechnical engineering; or other emerging geotechnical topics. Teaching via various distance delivery modes may be required.
- Serving as chair or member of committees in charge of candidates for advanced degrees.
- Participating in curriculum development activities including the development of curricular materials and special instructional methods.
- Supervising independent study activities.
- Serving as academic advisor to students.
- Serving on departmental, college, and university committees.
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Develop an externally funded research program that leads to publication in leading scholarly journals. Research topics could include earthquake geotechnical engineering; soil dynamics, engineering seismology; marine and coastal geotechnics, energy geotechnics, resilience and sustainability of urban systems and infrastructure, remote sensing using land, airborne or satellite sensors, virtual and augmented reality, digital twin applications in geotechnical engineering, or other emerging geotechnical topics.

- Conducting and publishing research work in leading scholarly journals as a record of scholarly activity.
- Rendering service to the professional or lay community which is relevant to the individual's academic specialty.
- Participate in University activities intended to develop and cultivate a Native Hawaiian Place of Learning.
- Performing related tasks as assigned.

EEO/AA Policy

The University of Hawai'i is an equal employment opportunity institution and is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin, ancestry, disability, marital status, sexual orientation, status as a protected veteran, National Guard participation, breastfeeding, and arrest/court record (except as permissible under State law).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Department of Civil, Environmental & Construction
Engineering
University of Hawaii at Manoa

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