

Assistant Professor in Environmental Engineering  
University of Utah

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Posted Oct. 2, 2024, set to expire Feb. 3, 2025

<b>Job Title</b>	Assistant Professor in Environmental Engineering
<b>Department</b>	Civil & Environmental Engineering <a href="https://www.civil.utah.edu/">https://www.civil.utah.edu/</a>
<b>Institution</b>	University of Utah Salt Lake City, Utah
<b>Date Posted</b>	Oct. 2, 2024
<b>Application Deadline</b>	Nov. 1, 2024
<b>Position Start Date</b>	Aug. 1, 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Ecological and Environmental Civil Engineering
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**Job Description**

The Department of Civil and Environmental Engineering (CVEEN) at the University of Utah invites applications for a 9-month, tenure-track faculty position in Environmental Engineering with an anticipated start date of August 1st, 2025. This position is anticipated to be filled at the Assistant Professor level.

Position Description The successful applicant will be required to develop an externally funded research program, teach undergraduate and graduate courses in Civil, Environmental and Construction Engineering, mentor undergraduate and graduate students, produce scholarly publications, collaborate with other faculty on professional development interests, and provide departmental, college and university service. An earned Ph.D. degree in Civil Engineering or a closely-related discipline before

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the date of hire is required. Strong communication skills and the ability to work collegially and collaboratively with diverse internal and external constituencies are also necessary. Professional engineering licensure is highly desired or the candidate should have the potential to get a P.E. soon after their appointment.

The successful candidate will have skillset to complement and expand the existing expertise in the department. We invite candidates with a proven record of cutting edge research in, but not limited to: the connection between energy and Earth systems across all scales as applied to the pressing civil and environmental engineering problems; closed-loop control for solid, liquid and gaseous waste valorization; molecular modeling to understand fine scale mechanisms to inform engineering practices for waste remediation; expertise in analytical/environmental chemistry with experience in aquatic systems; membrane design and optimization for water and energy applications; and/or artificial intelligence in environmental engineering applications.

Candidates with strong core fundamentals that allow them to work across disciplinary boundaries are particularly encouraged to apply. We are seeking highly motivated team players looking to help advance our exciting undergraduate and graduate engineering programs and contribute to the Department's online education efforts. The successful candidate will be expected to contribute to the newly added environmental emphasis for undergraduate students. Assistant professors are supported by a reduced teaching load of one course per semester until tenure to aid in the development of a robust research portfolio during the pre-tenure period.

Part of the Big 12 Conference, the University of Utah is a Carnegie Research-Extensive University located in Salt Lake City at the foothills of the beautiful Wasatch Mountains. Founded in 1850, the University of Utah now enrolls over 34,000 undergraduate and graduate students. The area experiences the four seasons and is known for world-class outdoor recreational activities including skiing, hiking, and biking. The State of Utah has more national parks and scenic areas than any other state. Growth in transportation, energy, mining, software, semiconductors, finance, education, healthcare, and business job sectors have contributed to the State's prosperity, despite the difficult national economy. The University and college support creative ideas through competitive seed funding via the college seed and instrumentation grants, 1U4U program and others.

The CEE department is one of seven rapidly growing departments within the John and Marcia Price College of Engineering. In the past decade, the number of tenure-track faculty positions has grown by 50% and research expenditures have more than tripled, to \$81.5 million per year, placing our College in the top 30 engineering universities in the country for research volume (2022). The CVEEN Department currently has 21 tenure track faculty members, three lecturing faculty, plus we are actively searching for five positions including this vacancy. Our enrollment is 106 full-time graduate students,

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and 340 undergraduate students. The department has an active research program with over \$19 million in external funding in 2023. Additional information about the Department is available at: [www.civil.utah.edu](http://www.civil.utah.edu).

**Application Process**– Electronic application materials (pdf format) should include a cover letter, curriculum vitae, statement of research interests, statement of teaching interests, up to three (3) relevant publications, and contact information for three references. Application materials must be submitted electronically at <https://utah.peopleadmin.com/postings/171333>. Initial screening of applicants will begin November 1, 2024 although applications will be accepted and reviewed until the position is closed.

### **EEO/AA Policy**

The University of Utah is fully committed to affirmative action and to its policies of nondiscrimination and equal opportunity in all programs, activities and employment with regard to race, color, national origin, sex, age, status as a person with a disability, religion, sexual orientation and status as a veteran or disabled veteran. The University seeks to provide equal access to its programs, services and activities for people with disabilities. Reasonable prior notice is needed to arrange accommodations. Evidence of practices not consistent with these policies should be reported to the Office of Equal Opportunity and affirmative Action (801) 581-8365 (V/TDD). The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students

### **Contact Information**

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

**Contact** Jennifer Weidhaas  
Civil & Environmental Engineering  
University of Utah  
Salt Lake City, UT



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**Contact E-mail**    jennifer.weidhaas@utah.edu