

Assistant Professor Civil, Environmental & Architectural  
Engineering (CEAE)  
Worcester Polytechnic Institute

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Posted Oct. 21, 2024, set to expire Feb. 15, 2025

<b>Job Title</b>	Assistant Professor Civil, Environmental & Architectural Engineering (CEAE)
<b>Department</b>	Civil, Environmental and Architectural Engineering
<b>Institution</b>	Worcester Polytechnic Institute Worcester, Massachusetts
<b>Date Posted</b>	Oct. 21, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Civil Engineering Architectural (Building & Construction)
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**Job Description**

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**JOB TITLE**

Assistant Professor | Civil, Environmental & Architectural Engineering (CEAE)

**LOCATION**

Worcester

**DEPARTMENT NAME**

Civil, Environmental and Architectural Engineering

**DIVISION NAME**

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Worcester Polytechnic Institute - WPI

### **JOB DESCRIPTION SUMMARY**

The Department of Civil, Environmental, and Architectural Engineering at Worcester Polytechnic Institute (WPI) seeks applicants for a tenure-track faculty position at the Assistant Professor level in the general areas of civil, structural, or infrastructure engineering to envision and enable a future-built environment that is resilient, adaptable, autonomous, and equitable. Applicants must have demonstrated experience working in and fostering a diverse and inclusive workplace, with a commitment to do so as employees at WPI.

WPI is a diverse campus of learners who are passionate about creating an inclusive workplace that promotes and values diversity. We look for candidates who can support our commitment to equity, diversity, and inclusion.

### **JOB DESCRIPTION**

Worcester Polytechnic Institute recently renovated the CEAE department's home building and completed a new academic building that provided additional space for architectural engineering and other programs. WPI was ranked first in the nation in the "Schools that Do the Best in Combining Scholarly Research with Classroom Instruction" category by the Wall Street Journal. WPI is consistently ranked among the top national universities and among the top 50 most innovative universities by US News and World Report. WPI is known for its project-based curriculum, which allows students to witness and help address problems worldwide. The CEAE department's vision focuses on groundbreaking research and educational programs that address critical societal challenges related to infrastructure materials, water and air quality, and building system engineering. The department's research enterprise is organized along three main research thrusts in the future of sustainable civil systems: I) Infrastructure and Materials, II) Climate, Environment, and Ecosystem, and III) Building Systems and Energy.

The successful candidate will be expected to develop an externally funded research program leading to national and international recognition, to teach courses related to civil engineering at both the undergraduate and graduate levels, to participate in WPI's signature project-based curriculum, and to contribute to the operation and promotion of the university and the profession. Interdisciplinary expertise and vision are highly desirable. Preference will be given to candidates with a strong background in one or more areas of structures, intelligent transportation, and autonomous construction. We welcome applicants with a strong background in multiscale computational modeling, robotics, data science, artificial intelligence, machine learning, and other similar research tools.

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WPI's reputation as a rigorous and innovative university rests on its faculty. A highly selective, private technological university and one of the nation's first, WPI believes that when great minds work together, great advances follow. At WPI, the boundaries of multidisciplinary collaboration are low. Faculty members, students, and other partners work together on real-world projects and purposeful research, which are hallmarks of the WPI experience. Located one hour west of Boston, the university campus is in Worcester, Massachusetts, a thriving 21st-century college city recognized as a growing hub of scientific and technological innovation.

Qualified applicants should submit (1) a curriculum vitae, (2) a statement of research interests, (3) a statement of teaching interests, (4) a statement of how the candidate will advance WPI's commitment to Diversity, Equity and Inclusion, and (5) contact information for at least three references. The review of the applications will continue until the position is filled.

#### **FLSA STATUS**

United States of America (Exempt)

**WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals with diverse backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.**

**To apply, visit:** [https://wpi.wd5.myworkdayjobs.com/en-US/WPI\\_External\\_Career\\_Site/job/Worcester/Assistant-Professor---Civil--Environmental---Architectural-Engineering--CEAE-\\_R0002987](https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Assistant-Professor---Civil--Environmental---Architectural-Engineering--CEAE-_R0002987)

#### **About WPI**

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

#### **Diversity & Inclusion at WPI**

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live,

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and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

### Contact Information

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

### Contact

N/A

Worcester Polytechnic Institute

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