

Faculty Positions in the Department of Civil and
Environmental Engineering
Massachusetts Institute of Technology

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Posted Nov. 19, 2024, set to expire Mar. 23, 2025

Job Title	Faculty Positions in the Department of Civil and Environmental Engineering
Department	Civil and Environmental Engineering
Institution	Massachusetts Institute of Technology Cambridge, Massachusetts
Date Posted	Nov. 19, 2024
Application Deadline	Open until filled
Position Start Date	Jul. 1, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Ecological and Environmental Computer Science Civil Engineering
Apply Online Here	https://faculty-searches.mit.edu/cee/
Apply By Email	
Job Description	

The MIT Department of Civil and Environmental Engineering (CEE) invites applications for a tenure-track faculty position to begin July 1, 2025, or on a mutually agreed date thereafter. The search is for candidates to be hired at the assistant professor level; under special circumstances, however, an untenured associate or a tenured senior faculty appointment is possible, commensurate with experience.

We will consider exceptional candidates in all areas relevant to the department's mission of achieving

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sustainability across scales, spanning environment, infrastructure, and sociotechnical systems. Candidates who can support our strategic focus on understanding and addressing climate change and sustainability issues with modern experimental, data-driven and/or mechanistic approaches are encouraged to apply. Building on MIT's recent commitment to addressing climate change through the launch of the Climate Project, we invite applications from candidates with strong background in all relevant areas, including Environmental and Atmospheric Chemistry (with a particular focus on chemicals and processes in the environment that affect climate or health), Global Energy Systems (as supported by energy systems modeling, control, and optimization, carbon management and decarbonization, energy storage, and geothermal energy), Computational Science and Engineering (uncertainty quantification, inverse problems, physics-informed machine learning, modern statistics and causal inference with links to climate, infrastructure, and energy), Environment and Health (fluid mechanics and health, epidemiology, environmental determinants of health, chemistry of pollutants, human health – climate nexus).

To advance our academic programs in the areas of Climate, Sustainability, and Data Science, the department has a particular interest in candidates with interest in transdisciplinary research and education who connect fundamental and applied research. The candidate should have demonstrated excellence in original research for advancing knowledge in one or more core areas of the department. Faculty responsibilities include teaching at the graduate and undergraduate levels, developing new and innovative teaching materials, conducting original scholarly research, and student advising. Applicants should hold a Ph.D. in a relevant science or engineering discipline by the beginning of employment.

Applications are being accepted electronically at <https://school-of-engineering-faculty-search.mit.edu/cee>.

Applications must include: a cover letter, curriculum vitae, the names and addresses of at least three references, a two-page statement of research interests, a one-page statement of teaching interests and educational philosophy, and electronic copies of up to three representative publications. It is the responsibility of the candidate to arrange for reference letters to be uploaded at <https://school-of-engineering-faculty-search.mit.edu/letters/> at or around the time of submission of the application.

Applications completed by December 1, 2024, will be given priority. With MIT's strong commitment to diversity in engineering education, research and practice we especially encourage under-represented minorities and women to apply.

Further information about the department can be found at <https://cee.mit.edu> and <https://cee.mit.edu/people/faculty-search/>. Questions may be directed to Professor Ali Jadbabaie; Department Head, Civil and Environmental Engineering, Massachusetts Institute of Technology, Room

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1-290, Cambridge, MA 02139, USA or by E-mail (jadbabai@mit.edu).

MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. MIT's full policy on Nondiscrimination can be found at the following:

<https://policies.mit.edu/policies-procedures/90-relations-and-responsibilities-within-mit-community/92-nondiscrimination>. Employment is contingent upon the completion of a satisfactory background check, including possible verification of any findings of misconduct (or pending investigations) from prior employers.

Contact Information

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

Contact