

## Massachusetts Institute of Technology, Cambridge, MA Faculty Positions in the Department of Civil and Environmental Engineering

The MIT Department of Civil and Environmental Engineering (CEE) in Cambridge, MA invites applications for tenure-track faculty positions 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 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 it relates to energy systems modeling, control, and optimization, carbon management and decarbonization, energy storage, and geothermal energy); ***Building and adapting healthy, resilient cities*** (intelligent, multi-functional infrastructure, solutions for climate resilience against weather extremes in coastal cities, sustainable materials and technologies for decarbonization); ***Computational Science and Engineering*** (uncertainty quantification, inverse problems, physics-informed machine learning and AI, modern statistics and causal inference with links to climate, infrastructure, and energy), and ***Environment and Health*** (*Environmental* fluid mechanics and 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 courses in Civil and Environmental Engineering and related subjects 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 Civil or Environmental Engineering, or a related 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. 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 1-290, Cambridge, MA 02139, USA or by E-mail ([jadbabai@mit.edu](mailto:jadbabai@mit.edu)).

MIT is an Equal Opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and background. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, pregnancy, 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>. Know your rights. 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.