



## Civil and Environmental Engineering

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

The MIT Department of Civil and Environmental Engineering (CEE) invites applications for a tenure-track faculty position to begin July 1, 2024 or on a mutually agreed date thereafter. The search is for a candidate 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. We are looking to advance our initiatives in Environmental and Atmospheric Chemistry, as well as the Climate-Infrastructure nexus and encourage applications from candidates whose work focuses on the interplay between chemicals in the environment and climate change, and/or infrastructure sustainability. Topics of interest include but are not limited to: detection and fate of emerging contaminants; study of chemistry-climate-biosphere interactions; remote sensing and other observations of environmental chemical species and pollutants; the design of materials/chemicals and processes for sustainable infrastructures; and the intersection of environment, health, and climate. We will also consider applicants in all core areas of the department including Systems Science and Engineering, Mechanics & Materials, and Climate and Environment. Opportunities exist to build on MIT's recent strategic emphasis on climate and sustainability, the launch of our new undergraduate degree in Climate System Science and Engineering, and to expand on the role of computing and AI in our core areas with the Schwarzman College of Computing.

The candidate should have demonstrated excellence in original research for advancing knowledge in one or more core areas. 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. In addition, candidates should provide a statement regarding their views on diversity, inclusion, and belonging, including past and current contributions as well as their vision and plans in these areas. 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/>.

Applications completed by December 1, 2023, will be given priority. With MIT's strong commitment to diversity in engineering education, research and practice we especially encourage under-represented minorities, women, protected veterans and individuals with disabilities 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 1-290, Cambridge, MA 02139, USA or by E-mail ([jadbabai@mit.edu](mailto: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.*