

## **Carnegie Mellon University Department of Civil and Environmental Engineering**

### **Tenure-Track Faculty Position – Environmental Engineering, Sustainability Science, Systems Interactions**

Carnegie Mellon University's Department of Civil and Environmental Engineering (CEE) invites applications at the Assistant Professor level for an innovative faculty member in environmental engineering, sustainability science, or systems engineering ([www.cmu.edu/cee/research/eess-research.html](http://www.cmu.edu/cee/research/eess-research.html)). Outstanding candidates with expertise in the integration of chemical, biological, geological, or climate sciences with data science/analytics, emerging chemical and biological technologies, water resource sustainability in coastal and inland systems, interactions between natural and engineered systems, sustainable infrastructure, resource recovery, circular economy, or other emerging areas are encouraged to apply. Highly-qualified applications at the untenured Associate Professor level will be considered.

Carnegie Mellon University has a distinctive interdisciplinary education and research program. CEE has unique education and research activities in sensing, control, information modeling and visualization of infrastructure and environmental systems; environmental chemistry; water and air quality engineering and science; climate change adaptation; engineering for sustainability and resilience; smart cities; environmental nanotechnology and biotechnology; materials modeling; and energy systems analysis. We have state-of-the-art experimental and computing facilities and offer unparalleled opportunities to collaborate with colleagues. Joint appointment between CEE and another department or college at Carnegie Mellon is possible. The mission, goals, current activities, and research center/institute engagements of the CEE Department are described at [www.cmu.edu/cee](http://www.cmu.edu/cee).

Applications will be accepted until December 31, 2019. Review of applications will begin on November 1, 2019 and will continue until the position is filled. The expected start date is August 1, 2020. E-mail inquiries concerning this position may be sent to the Search Committee via [CEE-FacultySearch@andrew.cmu.edu](mailto:CEE-FacultySearch@andrew.cmu.edu).

Please submit your application at [apply.interfolio.com/69127](http://apply.interfolio.com/69127) including a cover letter, curriculum vitae, transcripts (official or unofficial), statement of research experience and interests, statement of teaching experience and interests, a diversity statement (outlining how you have contributed to, or plan to contribute to, diversity, inclusion, and equity), up to three publications or manuscripts, and a list of at least three references with contact information. We will notify you in advance of any requests for reference letters. We seek a colleague with the ability to teach effectively at both the undergraduate and graduate levels and to develop a robust, externally-funded research program. You should have a doctorate in civil and environmental engineering or a related field by the start date for the position. In your application, please discuss potential intersections with existing faculty research areas, and alignment with one or more research centers and institutes within the department or university.

Carnegie Mellon is an equal opportunity employer and is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions. Carnegie Mellon welcomes faculty applicants who will contribute to this diversity through their research, teaching and service, including women, members of minority groups, protected veterans, individuals with disabilities, and others who would contribute in different ways. Carnegie Mellon seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC) that assists with dual-career searches.