

Assistant Professor of Environmental Engineering (On-site)
University of Maine

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Posted Feb. 11, 2025, set to expire Jun. 15, 2025

Job Title Assistant Professor of Environmental Engineering (On-site)
Department Civil and Environmental Engineering
<http://www.civil.umaine.edu>
Institution University of Maine
Orono, Maine

Date Posted Feb. 11, 2025

Application Deadline Mar. 15, 2025
Position Start Date Sep. 1, 2025

Job Categories Assistant Professor

Academic Field(s) Ecological and Environmental
Civil Engineering

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Job Description

- Job Identification1141

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- Job Category Faculty
- Posting Date 02/11/2025, 12:19 PM
- Locations College Avenue, Orono, ME, 04469, US (On-site)
- Business Unit University of Maine
- Job Schedule Full time
- Regular or Temporary Regular
- Department UM Civil and Envir Engineer
- Bargaining Unit Associated Faculties of the University of Maine System (AFUM)

Job Description

The Department of Civil and Environmental Engineering (CIE) at the University of Maine (UMaine) invites applications for a tenure track position in environmental engineering. Applicants must hold B.S. and Ph.D. degrees in Environmental Engineering, Civil Engineering or a closely related discipline specializing in environmental engineering by the hire date. Preferred areas of expertise include water chemistry, remediation of emerging pollutants (for example, PFAS), advanced water treatment, pollutant fate and transport, and environmental systems or water quality modeling. The position is expected to be filled at the level of Assistant Professor. A successful candidate will be expected to have or be eligible to obtain licensure as a registered professional engineer (PE).

Candidates will engage in instruction of fundamental and applied environmental engineering courses at both the undergraduate and graduate levels and enhance the Department's existing curriculum; establish and maintain a nationally competitive, externally funded research program; author high-quality peer-reviewed publications; train M.S. and Ph.D. students; and actively engage in service to the profession, university, and state. This position is 50% teaching and 50% research. The successful candidate will be strongly encouraged to obtain licensure as a professional engineer (PE) before promotion to associate professor. Information about the CIE Department can be found at www.civil.umaine.edu. The successful candidate will join a dynamic engineering program dedicated to high-quality teaching, scholarship, and service – where faculty support work-life integration.

The Department of Civil and Environmental Engineering is part of the Maine College of Engineering and Computing (MCEC), which is a statewide, integrated solution to bring together the natural synergies of all engineering disciplines with computing and provide the technical workforce and innovations that are critical to moving our economy forward. MCEC includes the College of Engineering and School of Computing and Information Science at UMaine, the Department of Engineering at the University of Southern Maine (USM), with other collaborators, including the

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Department of Computer Science at USM and computing programs at the University of Maine at Augusta (UMA) and other campuses within the University of Maine System.

UMaine is the state's primary graduate degree-granting institution. Sixteen interdisciplinary research centers and institutes afford excellent opportunities for collaborative research (<https://umaine.edu/research/research-centers-institutes/>). UMaine has recently embarked on a campus wide PFAS+ research initiative (<https://umaine.edu/pfas/>) and is also building a state-of-the-art PFAS laboratory. Furthermore, the Advanced Computing Group and Advanced Research Computing, Security, and Information Management (ARCSIM), which offers significant computational resources to support high-performance computing, advanced data storage and management, and visualization.

About the University:

The University of Maine is a community of more than 11,900 undergraduate and graduate students, and 2,500 employees located on the Orono campus, the regional campus in Machias, and throughout the state. UMaine is a land, sea and space grant university, and maintains a leadership role as the University of Maine System's flagship institution. UMaine is the state's public research university and a Carnegie R1 top-tier research institution, dedicated to providing excellent teaching, research and service for Maine, the nation and the world. More information about UMaine is at umaine.edu.

The University of Maine offers a [wide range of benefits](#) for employees including, but not limited to, tuition benefits (employee and dependent), comprehensive insurance coverage including medical, dental, vision, life insurance, and short and long term disability as well as retirement plan options. As a former NSF ADVANCE institution, the University of Maine is committed to diversity in our workforce and to dual-career couples.

UMaine is located in beautiful Central Maine. Many employees report that a primary reason for choosing to come to UMaine is quality of life. Numerous cultural activities, excellent public schools, safe neighborhoods, high quality medical care, little traffic, and a reasonable cost of living make the greater Bangor area a wonderful place to live. Learn more about what the Bangor region has to offer [here](#).

Qualifications:

Required:

- Applicants must hold B.S. and Ph.D. degrees in Environmental Engineering, Civil Engineering or a closely related discipline specializing in environmental engineering by the hire date.
- Experience with environmental engineering research and a record of publications in high-quality

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peer-reviewed journals.

Preferred:

- The successful candidate will be strongly encouraged to obtain licensure as a professional engineer (PE) before promotion to associate professor.

Other Information:

To be considered for this position you will need to “Apply” and upload the documentation listed below:

- 1.) A cover letter that describes your experience, interests, and suitability for the position, including but not limited to interests in UMaine’s four research centers/initiatives mentioned above.
- 2.) Curriculum Vitae
- 3.) Research and Teaching Statements (maximum length per statement: two pages)
- 4.) A Diversity and Inclusion Statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion

Candidates selected to proceed to the final stages of the search process will be requested to provide a list of names and contact information for references.

Incomplete application materials cannot be considered. Materials received after the initial review date will be reviewed at the discretion of the University.

For full consideration, all materials must be submitted by 4:30 p.m. EST on March 15, 2025.

For questions about the search, please contact search committee chair Prof. Jean MacRae at jean.macrae@maine.edu or 207-581-2137.

The successful applicant is subject to appropriate background screening.

EEO/AA Policy

In complying with the letter and spirit of applicable laws and pursuing its own goals of diversity, the University of Maine System does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender, gender identity or expression, ethnicity, national origin,

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citizenship status, familial status, ancestry, age, disability physical or mental, genetic information, or veterans or military status in employment, education, and all other programs and activities. The University provides reasonable accommodations to qualified individuals with disabilities upon request. The following person has been designated to handle inquiries regarding non-discrimination policies: Director of Equal Opportunity, 5713 Chadbourne Hall, Room 412, University of Maine, Orono, ME 04469-5713, 207.581.1226, TTY 711 (Maine Relay System).

Clery Act

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, or Clery Act, mandates that all Title IV institutions, such as the University, prepare, publish and distribute an Annual Security Report, (ASR) and provide notice of the availability of the ASR to all prospective employees. This report consists of two basic parts: disclosure of the University's crime statistics for the past three calendar years; and disclosures regarding the University's current campus security policies. You may [view the University's Annual Security Report](#). If you wish to have a paper copy of the ASR or you need to have a copy of the ASR in an accessible format, the University will provide such a copy upon request. Please contact: UMaine Police Department, 81 Rangeley Rd., The University of Maine, Orono, ME 04469-5794, or call 207.581.4053.

The University of Maine is an EEO/AA employer and does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender expression, national origin, citizenship status, age, disability, genetic information, or veteran's status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Amie Parker, Director of Equal Opportunity, 101 North Stevens Hall, University of Maine, Orono, ME 04469-5754, 207.581.1226, TTY 711 (Maine Relay System)

Contact Information

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

Contact Jean MacRae
Civil and Environmental Engineering
University of Maine
5711 Boardman Hall
Orono, ME 04469

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Contact E-mail jean.macrae@maine.edu