

# IOWA STATE UNIVERSITY

Department of Civil, Construction and Environmental Engineering

## **ASSOCIATE OR FULL PROFESSOR in ENVIRONMENTAL ENGINEERING AND WATER RESOURCES**

The Civil, Construction and Environmental Engineering (CCEE) Department in the College of Engineering at Iowa State University (ISU) invites applications for a tenure-track faculty position at the Associate or Full Professor level in Environmental and Water Resources Engineering.

The successful candidate will take a leadership role in a campus-wide, multi-million-dollar initiative centered on securing an adequate and equitable supply of water throughout the urban-rural continuum. This position depends on an ability to conceive, coordinate, and lead large research projects and teams, as well as expertise in an area such as water management, water quality, emerging contaminants, water reuse, smart water systems, and environmental justice.

The successful candidate will sustain a world-class externally funded research program that complements the current research and education efforts in the CCEE Department through both independent and collaborative work. Additionally, the candidate will maintain a strong record of scholarship, teach undergraduate and graduate courses, and engage in institutional service and service to the environmental and water resources engineering profession. Candidates should have strong communication skills, share our commitment to enhancing excellence through equity, diversity, and inclusion, and support the mission of the department, college, and university.

The CCEE Department is committed to sustaining a collegial, positive, and productive environment for each individual and for the collective benefit of all. All faculty members are expected to exhibit and convey good citizenship within the program, department, college, and university activities, collegial interactions, and maintain the highest standards of integrity and ethical behavior.

### **Minimum Required Qualifications:**

- Candidates must have a Ph.D. in civil engineering, environmental engineering, or a closely related field.
- Candidates must meet the university standards for appointment to the rank including significant experience/accomplishments in the candidate's area of expertise.

### **Preferred Qualifications:**

- Record of effective teaching that contributes to the department's degree programs.
- Record of research that complements existing strengths in the department and University.
- Evidence of a commitment to equity, diversity, and inclusion.
- Evidence of an ability to conceive, coordinate, and lead large transdisciplinary research projects and teams

### **Department Description**

The CCEE Department offers B.S. degree programs in environmental engineering, civil engineering (including an environmental engineering option), and construction engineering, plus M.S., M.Eng., and Ph.D. graduate degree programs in civil engineering, and it maintains externally funded research of approximately \$17 million annually. CCEE is committed to diversity among faculty, staff, and students who can enrich University objectives in the areas of research, teaching, and service.

Opportunities for collaboration are encouraged through other departments in the College of Engineering (e.g., the Department of Agricultural and Biosystems Engineering); the Environmental Science Graduate Program, which includes faculty in three of ISU's colleges; the Bioeconomy Institute ([www.biorenew.iastate.edu](http://www.biorenew.iastate.edu)); the Institute for

Transportation (<http://www.intrans.iastate.edu/>), as well as numerous other institutes and centers that exist on campus.

### Department Website

For more information about our department's engineering program, see [www.ccee.iastate.edu](http://www.ccee.iastate.edu).

### About Iowa State University

[Iowa State University](http://www.iastate.edu) is classified as a Carnegie Foundation Doctoral/Research University-Extensive and is ranked by U.S. News and World Report as one of the top public universities in the nation. More than 30,000 students are enrolled and are served by over 6,200 faculty and staff. The College of Engineering consists of eight departments with annual research expenditures exceeding \$105 million.

Iowa State University is located in Ames, IA, a progressive community of 66,000, located approximately 30 minutes north of Des Moines, one of the fastest-growing metro areas in the Midwest, and is beaming with community pride and accolades.

Iowa State University is a global and culturally diverse university committed to providing an inclusive, equitable, and diverse environment for both learning and employment. Diversity in experience and perspective is vital to advancing innovation, critical thinking, solving complex problems, and building an inclusive academic community. At Iowa State, we translate these values into action by seeking individuals who have experience working with diverse students, colleagues, and constituents. The university has an expectation that all employees will demonstrate a contribution to diversity and inclusion as embodied in [Iowa State University's Principles of Community](#).

Iowa State University and the College of Engineering are responsive to the needs of dual-career couples and are dedicated to work-life balance through an array of flexible work policies.

### Application Instructions

Applications will be accepted until the position is filled. However, to receive full consideration, applications should be received before October 1, 2022. All interested, qualified persons must apply for this position online at [jobs.iastate.edu](http://jobs.iastate.edu) to Job Requisition Number R9173.

The following documents are required to be submitted in **PDF** format:

- 1) Letter of application (including information about desired rank) that briefly discusses how the candidate meets each of the preferred qualifications
- 2) Curriculum Vitae
- 3) Contact information for at least three references, including name, mailing address, email address, phone number, and other pertinent information
- 4) Other required documents ***adhering to the page limits below and combined into one PDF:***
  - Teaching statement that explains how the candidate will contribute effectively to the department's degree programs (***1 page maximum***)
  - Research statement, with emphasis on the candidate's ability to coordinate and lead research teams (***2 pages maximum***)
  - Statement of experiences promoting diversity and inclusion, which could include advocacy, support, study, and experience with individuals and issues outside the candidate's personal background. See <https://www.diversity.iastate.edu/> for examples and expectations. (***1 page maximum***)

Direct questions to [cceesearch@iastate.edu](mailto:cceesearch@iastate.edu) or call 515-294-1676.