



Open Rank Faculty Positions in Environmental and Water Engineering

Requisition Number: 22340

Employment Type: Faculty

Location: Boulder, Colorado

Schedule: Full-Time

Date published: 11-Nov-2019

Job Summary:

The **Department of Civil, Environmental and Architectural Engineering** at the University of Colorado Boulder is seeking applications for a tenure-track faculty position in the broad areas of water sustainability and environmental engineering. We are recruiting applicants who can contribute to themes including water reuse, resource recovery, energy and climate interactions with water supply and treatment, water monitoring and management in low income and resource limited settings, optimal water management, and resilience. Of particular interest is the application of a sustainable systems framework to these and related themes. This position is part of the long-term growth plans of the College of Engineering and Applied Science and is open to applicants at the assistant, associate, and full professor ranks.

Who We Are:

The Department of Civil, Environmental and Architectural Engineering (CEAE) has 51 faculty with strong undergraduate and graduate programs in environmental engineering, hydrology, water resources and environmental fluid mechanics and interdisciplinary programs in global and systems engineering. We offer accredited BS, MS and PhD degrees in both environmental and civil engineering and professional master's degrees in Water Engineering and Management, Engineering for Developing Communities, and Water Reuse. For more information on CEAE, environmental engineering, hydrology, water resources and environmental fluid mechanics, and professional masters programs, see, respectively:

- <https://www.colorado.edu/ceae/>
- <https://www.colorado.edu/even/>
- <https://www.colorado.edu/ceae/research/hydrology-water-resources-environmental-fluid-mechanics/research>
- <https://www.colorado.edu/ceae/research/interdisciplinary-programs/water-engineering-management>
- <https://www.colorado.edu/even/prospective-students/graduate-studies/professional-masters-degree-environmental-engineering>

Additionally, the CEAE Department is home to four centers with strong environmental and water research components: the Center for Advanced Decision Support in Water and Environmental Systems (CADSWES), the Mortenson Center in Global Engineering, the Center for Environmental Mass Spectrometry, and the Water-Energy Nexus Interdisciplinary Research Theme initiative. For more information, see, respectively:

- <https://www.colorado.edu/cadswes/>
- <https://www.colorado.edu/center/mortenson/>
- <https://www.colorado.edu/lab/cems/>
- <https://www.colorado.edu/irt/wen/>

What Your Key Responsibilities Will Be

A successful candidate will be expected to engage in undergraduate and graduate teaching, contribute professional service, and develop a vigorous, externally-funded research program in their technical areas while fostering collaboration with other faculty. Candidates whose expertise cuts across engineering disciplines are especially encouraged to apply. In their application candidates should describe their interests in teaching, graduate student researcher training, and their plans to develop a recognized research program based on scholarly work in their field.

What You Should Know

The successful candidate would complement our existing strengths in water and air quality, water, wastewater and reuse treatment process technology, environmental sustainability, remediation, aquatic ecology, hydroclimatology, water resources management, groundwater flow and contaminant transport, and modeling physical and ecosystem interactions. The successful candidate will be expected to participate in the interdisciplinary program in environmental engineering (EVEN), which is one of the largest the US with 19 faculty rostered in CEAE and Mechanical Engineering departments doing research in water and air quality, water, wastewater and reuse treatment process technology, environmental sustainability, remediation, and aquatic ecology. For more information on EVEN see <https://www.colorado.edu/even/>.

What We Require

Candidates must have an earned PhD or equivalent in civil or environmental engineering or a related field.

What You Will Need

We seek candidates who are strongly interested in or demonstrate effectiveness in teaching, mentoring and inspiring diverse students of all races, nationalities, gender identities, and first-generation students.

What We Would Like You to Have

Professional registration or an ability to become a registered Professional Engineer is desirable, but not required.

What We Can Offer

We can offer a competitive salary, commensurate with experience. The College of Engineering and Applied Science is committed to accommodating the needs of dual-career couples.

Benefits

The University of Colorado offers excellent [benefits](#), including medical, dental, retirement, paid time off, tuition benefit and ECO Pass. The University of Colorado Boulder is one of the largest employers in Boulder County and offers an inspiring higher education environment. Learn more about the [University of Colorado Boulder](#).

Special Instructions

To apply, please submit the following materials:

1. Cover letter stating your research area
2. Curriculum vitae
3. List of References: Contact information for five (5) references, used for phone reference checks
4. Statement describing your goals related to teaching (2 pages)
5. Statement describing your goals related to research (2 pages)

During the application process, you will also need to separately enter three references and we will request letters of recommendation from these individuals, and additional materials, if needed, as the search progresses.

For full consideration, applications must be submitted by December 15, 2019. Full consideration means that applications submitted before December 15th will be reviewed, and applications submitted after December 15th may be reviewed, however, this review is not guaranteed.

Note: Application materials will not be accepted via email. For consideration, applications must be submitted through [CU Boulder Jobs](#).

The University of Colorado Boulder is committed to building a culturally diverse community of faculty, staff, and students dedicated to contributing to an inclusive campus environment. We are an Equal Opportunity employer, including veterans and individuals with disabilities.