



PENN STATE CIVIL AND ENVIRONMENTAL ENGINEERING

Faculty Position in Smart Water Infrastructure and Systems

The Penn State Department of Civil and Environmental Engineering (CEE) invites applications for a tenure-line faculty position at the rank of assistant/associate/full professor in the broad area of water resources engineering with emphasis on smart water infrastructure and systems. In particular, applicants with expertise in sensors, data collection, analysis, modeling, optimization, prediction, and/or real-time control are invited. The ideal candidate should demonstrate intellectual depth and promise for high-quality research as well as a commitment to teaching excellence, and will assume a key role in interdisciplinary research and teaching collaborations. This search is part of the [Penn State cluster hire in water resources](#), co-funded by the [Penn State Institutes of Energy and the Environment \(IEE\)](#).

The CEE Department is a vibrant and dynamic unit with 35 faculty members, 17 research scientists, annual research expenditures of \$16 million, and U.S. News and World Report graduate program rankings of 21st for civil engineering and 26th for environmental engineering. Department faculty members have received prestigious honors including many professional society awards, ten NSF CAREER awards, and one NAE membership. Excellent opportunities exist for candidates to interact with faculty on multidisciplinary projects through the Penn State Institutes of Energy and the Environment, Sustainability Institute, Center for Climate Risk Management, Institute for Computational and Data Sciences, Materials Research Institute, Larson Transportation Institute, and the Civil Infrastructure Testing and Evaluation Laboratory, among others. Penn State is one of the nation's leading research universities with expenditures exceeding \$900 million annually. The university is also one of the nation's leaders in industry-sponsored research, with partnerships involving over 400 companies on an annual basis. Please see cee.psu.edu for additional information about the department.

Penn State's College of Engineering strives to build a welcoming, inclusive, and supportive environment for students, staff, and faculty. We rely on the expertise, sensitivity and

commitment of an inclusive faculty to enhance diversity, seek equity, and create a welcoming environment within our community.

We are committed to nurturing a learning and working environment that respects differences in culture, age, gender, race, ethnicity, physical ability, sexual orientation, and religious affiliation. In welcoming every candidate, we strive to meet the needs of professional families by actively assisting with partner- placement needs.

We are inspiring change and impacting tomorrow.

Applicants should hold a Ph.D. degree in civil engineering, or closely related discipline, at the start of the appointment. The new hire will teach at both the undergraduate and graduate levels and is expected to enhance the department's existing curriculum.

Applicants should submit a single PDF file that includes a cover letter, curriculum vitae, statements of research and teaching interests, three publications, and contact information for four references. For full consideration, applications should be received no later than February 7, 2020. Review of received applications will continue through March 2020. Apply to job 92425 at psu.jobs.

Employment will require successful completion of background check(s) in accordance with University policies.

State College, Pennsylvania, has been voted repeatedly as one of the most desirable and safest places to live in the United States. For more information about safety at Penn State and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to police.psu.edu/clery, which will also provide details on how to request a hard copy of the Annual Security Report.

