



Benjamin M. Statler College of Engineering and Mineral Resources  
Wadsworth Department of Civil and Environmental Engineering

### **ASSISTANT/ASSOCIATE PROFESSOR**

The Wadsworth Department of Civil and Environmental Engineering (CEE) at West Virginia University invites applications for a tenure-track position at the Assistant/Associate Professor level with expertise in one of the following areas: (1) Sustainable, Secure, and Resilient Infrastructure or (2) Sustainable Environment, Energy, Water and Human Health. The successful candidate will be considered for appointment at the rank of Associate Professor depending on the qualifications. This position is anticipated to start in August 2021.

Eligible candidates must hold a doctoral degree in civil or environmental engineering and an undergraduate degree in civil engineering at the time of appointment. The successful candidate must have the ability to (1) develop and sustain an externally funded research program in one or more of the following areas: (a) fiber reinforced polymer composites, engineered wood composites, advanced concrete, sustainable/green infrastructure, intelligent infrastructure systems, smart construction and materials, structural imaging techniques coupled with unmanned aerial systems and data mining/analysis; or (b) risk assessment and decision analysis related to environmental systems and human health, data analytics for environmental systems and human health, fate and transformation of organic contaminants in the environment, air pollution and health; techno-economic and life cycle analysis of environmental technologies and approaches; (2) interact with a multi-disciplinary group of faculty; and (3) teach undergraduate and graduate courses in Civil and Environmental engineering, including the capstone design course.

The WVU Statler College currently has seven academic departments, over 4,200 students, and 135 tenure stream faculty members with about 25 million in annual external research expenditures. The college is nationally recognized for high quality teaching and research as well as its excellent faculty and students. The Department offers degrees at the B.S., M.S. and Ph.D. levels and a joint B.S. degree in civil and mining is offered in collaboration with the Department of Mining Engineering. The CEE Department has 17 tenure track faculty members, approximately \$3M in annual research expenditures and is recognized for high quality teaching, excellent research, and outstanding faculty and students. Dedicated staff and loyal alumni provide support for the academic mission of the department.

West Virginia University is the comprehensive Land Grant University of the State of West Virginia with a main campus enrollment of over 29,000 students, and a Carnegie Classification of Highest Research Activity (i.e., R1 University). Morgantown and its vicinity have a population of about 137,000 residents and are ranked among the most livable small cities in the country. The community lies within a high technology corridor that also includes several federal research facilities, such as the NASA's Independent Verification and Validation Facility (IV&V), U.S. Department of Energy's National Energy Technology Laboratory (NETL), the National Institute

of Occupational Safety and Health (NIOSH), and the Federal Bureau of Investigation (FBI). The city is located within reasonable driving distances from Pittsburgh, PA and Washington, DC. Additional details on the area and the university are available at <http://www.morgantownwv.gov> and <http://www.wvu.edu>.

Morgantown is a safe, inclusive, and family-friendly community. WVU provides faculty members with a supportive environment for developing a visible and productive career (<https://talentandculture.wvu.edu/new-employees>) and a range of progressive policies to support work-life integration (<https://faculty.wvu.edu/policies-and-procedures/work-life-integration>). WVU also offers a Dual Career Program to assist partners in their career transition and job search and belongs to the OH/Western PA/WV Higher Education Recruitment Consortium (<https://www.herejobs.org/oh-western-pa-wv>).

To apply for this position visit [www.jobs.wvu.edu](http://www.jobs.wvu.edu). Applicants must submit a cover letter, curriculum vitae, research statement, statement of teaching philosophy, official transcripts, and contact information for at least three professional references. Review of applications will begin on October 15, 2020. Only candidates who submit complete documentation of professional quality will be considered in the review process. For further information, please contact the CEE Department Chair, Dr. Hema Siriwardane, by telephone (304-293-2666) or e-mail ([hema.siriwardane@mail.wvu.edu](mailto:hema.siriwardane@mail.wvu.edu)) or visit the CEE website at <http://www.cee.statler.wvu.edu>.

West Virginia University is an Equal Opportunity/Affirmative Action Employer and the recipient of an NSF ADVANCE award for gender equity. The University values diversity among its faculty, staff and students, and invites applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans. The University received the 2019 Higher Education Excellence in Diversity Award and the Benjamin M. Statler College of Engineering and Mineral Resources has received the ASEE Bronze Award for Diversity.