The Ohio State University seeks qualified candidates for a tenure-track faculty position available in Columbus starting Aug 16, 2018. The successful candidate will provide leadership in the design and analysis of green infrastructure and other stormwater systems in order to improve the management of water resources and aquatic ecosystems. This should include the integration and analysis of complex datasets that include surface and groundwater data coupled with current and predicted precipitation to preserve, protect and improve ecosystem services and related water resources. Experience quantifying how changes in infrastructure, climate and land use/land cover impact interactions between the landscape and aquatic ecosystems is desired. An ability to perform hydrological and water quality modeling of green infrastructure in urban areas is also desired. We seek a candidate with knowledge and experience to accomplish the following goals: develop an interdisciplinary research program with integration of topics such as economics, aquatic and terrestrial ecology, public health, and policy related to the candidate’s main area of research; assist municipalities as they address water management challenges with techniques such as green infrastructure and develop outreach programs for diverse stakeholders; obtain funding to support research and outreach programs; teach undergraduate/graduate courses in areas such as sustainable water engineering, ecological engineering, stream geomorphology, and hydrology; advise graduate and undergraduate students; and provide leadership to the profession through state and national professional societies. Also desirable is interest in developing an international research program. This position will be a joint appointment between the Department of Food, Agricultural and Biological Engineering and the Department of Civil, Environmental and Geodetic Engineering.

This position is partially funded by Ohio State's Discovery Themes Initiative, a significant faculty hiring investment in key thematic areas in which the university can build on its culture of academic collaboration to make a global impact. The successful candidate will join a highly collaborative interdisciplinary community of scholars in the Sustainable and Resilient Economy (SRE) program including faculty from Environmental and Agricultural Sciences, Engineering, Public Health, Social and Behavioral Sciences, and Business. The SRE program seeks to advance sustainability science by developing a more holistic understanding of sustainable and resilient production and consumption systems, human-environment interactions, and innovations in sustainable technologies and policy. Successful applicants will be expected to participate in collaborative teams and interdisciplinary research on sustainability and resilience topics.
Qualifications:

Minimum qualifications include an earned Ph.D. in agricultural, biological, civil, ecological or hydrological engineering, or closely allied program. Registration as a Professional Engineer or demonstrated eligibility is desirable. It is essential that the candidate has good knowledge of water systems; excellent speaking and writing skills; ability and desire to work in interdisciplinary, interdepartmental Extension and Research teams; and ability to teach in various Extension settings as well as in resident instruction. The candidate must establish and conduct a research program resulting in national impacts and high-quality publications. Experience mentoring members of underrepresented groups is preferred.

About Columbus:

The Ohio State University campus is located in Columbus, the capital city of Ohio. Columbus is the center of a rapidly growing and diverse metropolitan area with a population of over 1.5 million. The area offers a wide range of affordable housing, many cultural and recreational opportunities, excellent schools, and a strong economy based on government as well as service, transportation and technology industries (see http://liveworkplaycolumbus.com/). Columbus has consistently been rated as one of the Top U.S. cities for quality of life, and was selected as one of the Top 10 cities for African Americans to live, work, and play by Black Enterprise magazine. Additional information about the Columbus area is available at http://www.columbus.org.

Application Instructions:

Applications accepted through Jan. 1, 2018 or until a suitable candidate is found. Applicants should submit a cover letter (1-2 pp); CV; one-page summaries of their (1) Philosophy of Teaching and (2) Philosophy of Research and (3) Commitment to Diversity and Inclusion; academic transcripts; and names and contact information (address, email, phone) for three professional references. Application materials should be sent as one PDF file (that includes the candidates name in the filename) via email to:

Dr. Jay Martin, Professor and Search Committee Chair
Food, Agricultural and Biological Engineering
The Ohio State University
590 Woody Hayes Drive
Columbus, OH 43210-1057
Telephone: 614/247-6133; Fax: 614/292-9448; E-mail: martin.1130@osu.edu

The Ohio State University is committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF Advance Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium (HERC).

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.