THE OHIO STATE UNIVERSITY, Department of Civil, Environmental and Geodetic Engineering invites applications for a tenure-track position at the rank of Assistant Professor in Energy and the Environment. Successful candidates must clearly demonstrate how their research addresses impacts of energy production, conversion, distribution, or consumption on the environment. Research examples include (but are not limited to) subsurface sequestration of energy-related contaminants and greenhouse gases and their transport through subsurface, surface, and atmospheric systems; impacts of energy-related contaminants and greenhouse gases on soil quality, water quality, air quality, and global warming; evaluation of alternative and unconventional energy sources (e.g., natural gas, solar, wind, geothermal, hydrogen, nuclear, or biofuels), including the assessment of their negative externalities, against those of conventional fossil fuels; and development and provision of viable and reliable distribution systems for emerging energy technologies. The department, college and university are making significant investments in sustainability, energy, the environment, and transportation in support of establishing OSU as a global leader in the area of Energy and the Environment. Thus, a strong potential to collaborate within the department and across the university is desirable. Example entities on campus that already offer such opportunities are the Office of Energy and Environment, the Subsurface Energy Resource Center, the Center for Automotive Research, and the Center for Resilience.

Successful candidates are expected to have or develop an active research program; effectively teach undergraduate and graduate courses in the Department of Civil, Environmental, and Geodetic Engineering; supervise and mentor graduate students; and be involved in service across the university and professional communities. The Department currently has 20 faculty members supporting ABET-accredited degree programs in Civil and Environmental Engineering, around 90 graduate and 700 undergraduate students, and $12M in research grants (see http://ceg.osu.edu/ for more information about the department). An earned doctoral degree in civil engineering, environmental engineering or a closely related field is required prior to the anticipated start date of August 2014. The potential to obtain professional registration is desirable.

The Ohio State University, a land grant university, is ranked 16th among US universities in total research expenditures. It is also second in the nation among all universities in industry-funded research expenditures, with nearly half of this research conducted by the College of Engineering. Ohio State is located in Columbus, which is the 15th largest city in the country with a metropolitan population of 1.8 million. Columbus offers a high quality of life, with affordable housing in vibrant neighborhoods, quality public schools, and economic prosperity. It is a city that celebrates diversity and is consistently rated as one of the best places to live in the country for African-Americans, members of the LGBT community, and families.

To apply, please submit applications in the form of a single PDF file that includes a cover letter; curriculum vita; statements of teaching and research interests; copies of three peer-reviewed publications (already published, under review, or in preparation); and the names and contact information of three references to the Search Committee Chair at eng-EnergyEnvSearch@osu.edu. Review of applications will begin on December 1, 2013 and continue until the position is filled. To build a diverse workforce Ohio State encourages applications from minorities, veterans, women and individuals with disabilities. Flexible work options are available. The Ohio State University is an EEO/AA employer and an NSF ADVANCE Institution.