THE OHIO STATE UNIVERSITY, Department of Civil, Environmental and Geodetic Engineering invites applications for a tenure-track position in the area of Subsurface Energy and Infrastructure. The US and the world are in the midst of an energy boom driven by improvements in shale energy extraction that is anticipated to extend for several decades. The fields of civil, environmental, and geodetic engineering embody multiple disciplines essential for research and education in support of developments in this area. Applicants with research expertise encompassing the various aspects of the life-cycle of energy systems will be considered. Specific areas of interest include but are not limited to infrastructure design; operations, transportation, and transmission; quantification and mitigation of environmental impacts; risk, reliability and resilience; and policy analysis and formulation. Strong foundations in complementary disciplines including systems engineering, operations research, economics, and statistics are desirable. The department, college and university are making significant investments in the areas of sustainability, energy, the environment, and transportation. Two examples of the university’s targeted efforts in this area include the establishment of the Office for Energy and the Environment and the Subsurface Energy Resource Center.

Successful candidates will have the ability to develop an active research program; effectively teach undergraduate and graduate courses in civil, environmental, or geodetic engineering; supervise graduate students; develop interdisciplinary collaborations within the department and across the university; and be involved in service across the university and professional communities. It is anticipated that the position will be filled at the assistant professor level, with an effective appointment start of September 2013. An earned doctoral degree in civil engineering, environmental engineering, systems engineering or other closely-related field is required. The potential to obtain professional registration is desirable.

The Ohio State University, a land grant university, has recently been named one of the best places to work in academia and is currently ranked 16th among US universities in total research expenditures. Ohio State is ranked second in the nation among all universities and colleges in industry-funded research expenditures, with nearly half of this research conducted by the College of Engineering. The Department currently has 20 faculty members supporting ABET-accredited degree programs in Civil and Environmental Engineering, 110 graduate students, 650 undergraduate students, and $12M in research grants (see http://ceg.osu.edu/ for more information about the department).

To apply, please submit applications in the form of a single PDF file that includes a cover letter; curriculum vita; statement of teaching and research interests; copies of no more than two peer-reviewed publications, or manuscripts under peer-review or in preparation for peer-review; and the names and contact information of three references to the Chair of the Search Committee, Dr. John J. Lenhart, at energy-search@ceegs.ohio-state.edu. Review of applications will begin on December 1, 2012 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.