The Ohio State University (OSU) Environmental Engineering program is seeking highly motivated Master’s and Doctoral students to conduct graduate research across a range of state and federally-funded energy, environmental, and water resources related projects beginning Fall 2014 in the Department of Civil, Environmental, and Geodetic Engineering (CEG). Faculty within the Environmental Engineering Group (Drs. Jeff Bielicki, Gil Bohrer, Ethan Kubatko, John Lenhart, Paula Mouser, Gaj Sivandran, and Linda Weavers) are active in research related to interactions between energy, environmental systems, and policy (e.g. advanced geothermal energy production and storage techniques, hydraulic fracturing, carbon dioxide capture and storage); numerical and physical modeling of ecohydrologic processes, numerical models for flow and transport processes; colloid and nanoparticle fate and surface chemistry behavior; sonochemical remediation of pollutants and membrane fouling; biodegradation of contaminants in subsurface aquifers; and numerical models of greenhouse gas fluxes from natural and engineered systems. Opportunities exist for research projects involving laboratory, modeling, and field experiments; data collection and analysis of surface water, subsurface resources, ecological systems, and transport processes; and sustainability of energy and environmental policies. CEG has over 3,000 ft² of wet-lab and instrument space and access to an extensive array of advanced analytical equipment, computational capacities and data storage clusters within the department and across campus. Field research is currently being conducted at OSU’s Wilma H. Schiermeier Olentangy River Wetland Research Park, the Biological Sciences Greenhouse at OSU, and other field sites around the Nation.

The CEG faculty support ABET-accredited degree programs in Civil and Environmental Engineering with approximately 90 graduate and 700 undergraduate students and over $12 million in funded research. CEG faculty collaborate extensively with other departments and colleges at the university and have strong ties to federal agencies and industry in the Ohio region. Top students applying before November 30, 2013 are eligible for graduate fellowships and graduate research assistantships that carry a living stipend (up to $20,000+ per year), health insurance coverage, and tuition. Additional details on applying to our program can be found at http://ceg.osu.edu/graduate.