

**Geotechnical and Geoenvironmental Faculty Position**

Civil, Environmental, and Sustainable Engineering Program  
School of Sustainable Engineering and the Built Environment at Arizona State University

The School of Sustainable Engineering and the Built Environment (SSEBE) - Civil, Environmental and Sustainable Engineering (CESE) program at Arizona State University (ASU) invites applications for a nine-month tenured or tenure-track faculty position in the field of geotechnical and geoenvironmental engineering as it seeks to expand and strengthen this area. Appointment may be at the assistant, associate or full professor rank commensurate with the candidate's experience and accomplishments, beginning August 2014.

Successful candidates should have a Ph.D. degree in geotechnical and/or geoenvironmental engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Faculty members are expected to develop an internationally recognized and externally funded research program, teach undergraduate and graduate courses in geotechnical and geoenvironmental engineering, adopt innovative educational practices in both graduate and undergraduate instruction, advise students, and undertake service activities.

Priority will be given to candidates whose research interests address emerging trans-disciplinary challenges in the field. Topic areas of interest include, but are not limited to: biogeotechnical engineering, including soil and groundwater remediation and bio-mediated or bio-inspired ground improvement; energy-related geotechnics, including geotechnics of methane hydrate recovery, carbon sequestration, heat piles, ground source heat pumps, and foundations for alternative energy systems (e.g. wind turbines, wave energy generators); and geo-sustainability, including life cycle assessment of geotechnical systems and adaptation to climate change. As part of its New American University initiatives, ASU seeks candidates with research interests addressing critical infrastructure grand challenges across multiple spatial and temporal scales.

SSEBE is a multidisciplinary school with research and teaching interests spanning a wide range of topics related to the Grand Challenge of sustainability, including: geotechnical and geoenvironmental engineering, structural and materials engineering, transportation systems engineering, construction engineering and management, infrastructure and urban systems, and air and water resources. Successful candidates will support the mission of the Civil, Environmental, and Sustainable Engineering program and are expected to participate in interdisciplinary research and teaching endeavors both within the School and across campus. SSEBE has 44 faculty members, approximately 900 undergraduate and 250 graduate students, and generates annual research expenditures in excess of \$8 M per year. Additional information can be found on the SSEBE and Engineering websites at <http://ssebe.engineering.asu.edu/> and <http://engineering.asu.edu/>.

Applications will be reviewed beginning November 1, 2013; if not filled, reviews will occur on the first and fifteenth of the month thereafter until the search is closed. To apply, please submit as a single PDF file a current CV, statements describing research and teaching interests and contact information for three references to [geotechnical.geoenvironmental@asu.edu](mailto:geotechnical.geoenvironmental@asu.edu)

For more information please visit <http://engineering.asu.edu/hiring/> Inquiries for this search should be sent via e-mail to: [geotechnical.geoenvironmental.inquiry@asu.edu](mailto:geotechnical.geoenvironmental.inquiry@asu.edu)

Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU's complete non-discrimination statement at <http://www.asu.edu/titleIX>.

**School of Sustainable Engineering and the Built Environment**  
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