



Two Faculty Positions in **Civil and Environmental Engineering** at the UNIVERSITY OF PITTSBURGH

The Department of Civil and Environmental Engineering at the University of Pittsburgh invites applications for two non-tenure stream positions at the Assistant Professor level in support of our growing Sustainability and Green Design initiative effective September 1, 2008. Applicants must have an earned Ph.D. degree in Civil and Environmental Engineering or an allied field with research and teaching interest in methods and practices of life cycle assessment, with particular understanding of the entire life cycle of the built environment (e.g., identifying and quantifying green building materials, modeling the environmental impacts of construction processes, project delivery methods for green buildings, green building performance metrics, decommissioning of structures) or the understanding of economic and environmental impacts of energy production and use as it relates to climate change (e.g., analysis of supply chain management for alternative energy future scenarios). The candidate should have interest and experience in life cycle assessment modeling with a focus on hybrid life cycle inventories and uncertainty in impact assessment methods. In addition to research, the candidate will teach courses in the Sustainability sequence as well as in the newly established Power Engineering and Nuclear Engineering programs.

The Department plays an important role in the Mascaro Center for Sustainable Innovation (<http://www.engr.pitt.edu/msi/>), which supports research and education in the thrust areas of green construction and sustainable water use. The successful candidate will be expected to develop broad collaboration with the existing MSI faculty and contribute to interdisciplinary and sustainability efforts at the University of Pittsburgh. The MSI compliments the Department's focus areas as does an existing gift from the Heinz Endowment for support of the Department's Green Construction Program. Student enrollment is currently approximately 280 undergraduate students and 80 graduate students. Additional information can be found at <http://www.engr.pitt.edu/civil>.

Applicants should submit a detailed resume, statements of teaching and research interests, copies of two representative publications, and the names and contact information for at least three references, all in PDF format, to sus2008@pitt.edu or to:



*SUS Faculty Search Committee
Department of Civil & Environmental Engineering
University of Pittsburgh
949 Benedum Hall
Pittsburgh, PA 15261*

Review of applications will begin immediately and will continue until the positions are filled. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.