



Faculty Position 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 a tenure-stream Assistant Professor position in environmental fluid mechanics. The appointment will be effective September 1, 2009.

The department seeks a candidate with outstanding analytical and computational skills in ENVIRONMENTAL FLUID MECHANICS to complement the exiting strengths in the department. Research areas of interest include: computational fluid dynamics (e.g., Large-Eddy Simulations of flow through submerged and emergent vegetation), mixing and dynamic behavior of fluids in natural flows (e.g., rivers, lakes, coastal waters, and estuaries), sediment transport, fluids engineering related to climate change, and nonlinear dynamics for coupled systems as related to land, ocean, and atmosphere interactions. It is essential that the candidate is enthusiastic about collaborative and interdisciplinary research. The successful candidate must hold a doctoral degree in Civil and Environmental Engineering or from an appropriate field and demonstrated potential for high-quality research and teaching.

The Department plays an important role in the Mascaro Sustainability Initiative (<http://www.mascarocenter.pitt.edu/>), which supports research and education in the thrust area of sustainable water use. The department has student enrollment of approximate 300 undergraduate students and 100 graduate students. Additional information can be found at <http://www.engr.pitt.edu/civil>.

Applicants should submit a cover letter, curriculum vitae, statements of teaching and research interests, copies of three representative publications, and the names and contact information for at least three references, all in PDF format, to EFMsearch2009@pitt.edu.

Review of applications will begin on January 15, 2009 and continue until the position is filled. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.