

## UNIVERSITY OF SOUTH FLORIDA

### Faculty Positions in Global Environmental Sustainability Department of Civil & Environmental Engineering

The Department of Civil & Environmental Engineering invites applications for two (2) tenure-track faculty positions at the assistant/associate professor level with an expected start date of August 2016. An earned Ph.D. in environmental engineering, civil engineering, or related engineering discipline(s) and evidence or potential for national prominence through superior scholarship, externally funded research, teaching excellence, and the ability to teach and mentor underrepresented groups is required. A successful candidate will be expected to lead a team of graduate students in Ph.D. research and teach undergraduate and graduate level courses in civil/environmental engineering that should include the field of sustainability science and engineering. We are looking for individuals that contribute to our successes in global sustainability; water, sanitation, and hygiene (WASH) and humanitarian engineering; resource recovery from anthropogenic wastes; nutrient management in coastal urban areas; and systems and life cycle thinking applied to the water-energy-food nexus. The successful faculty candidate should fit into one or more of these themes and have expertise in one or more of the following areas: technology innovation and assessment of water and sanitation, sustainable water supply, systems engineering, green engineering, entrepreneurship and business development, evaluation of health risks from exposure to emerging pathogens, climate and environmental decision-making, and valuing socioeconomic implications of emerging technologies and environmental systems.

The Civil and Environmental Engineering Department at the University of South Florida includes 32 faculty, 273 junior and senior undergraduate students, and 180 graduate students. Three NSF CAREER awardees are members of the department's environmental and water resources group. Faculty have the opportunity to collaborate with the EPA funded National Center for Reinventing Aging Infrastructure for Nutrient Management; Center for Modeling Hydrologic and Aquatic Systems; USF Water Institute; Clean Energy Research Center, Patel College of Global Sustainability, and RECLAIM, a global network of researchers and practitioners dedicated to developing geographically appropriate and culturally relevant engineered systems to recover nutrient, energy, and water resources from waste. There are strong inter-departmental partnerships existing with the U.S. Peace Corps through Master's International programs in Civil & Environmental Engineering, Global Health, and Applied Anthropology; UNESCO-IHE, the largest international graduate water education facility in the world; and, and other international partners. In addition, the World Health Organization has designated the USF College of Public Health as a WHO Collaborating Center for Social Marketing and Social Change to address non-communicable diseases. Also, the Global Citizens Project at the University of South Florida is a university-wide initiative aimed at enhancing undergraduate students' global competencies through the development of new and improved curricular and co-curricular experiences. USF was also recently listed by Sierra Magazine as the 14th greenest university in the U.S.

The University of South Florida is a high-impact, global research university dedicated to student success. USF is a Top 50 research university among both public and private institutions nationwide in total research expenditures, according to the National Science Foundation. Serving nearly 48,000 students, the USF System has an annual budget of \$1.5 billion and an annual economic impact of \$4.4 billion. USF is a member of the American Athletic Conference.

Applicants must electronically submit the application packet to the following website: <http://www.usf.edu/administrative-services/human-resources/careers/index.aspx> (ID 8731). The packet must contain a cover letter, complete vitae with list of publications, names and detailed contact information for four references, a ≤ 2-page statement of the applicant's teaching interests and vision, and a ≤ 2-page statement of the applicant's research vision. The cover letter should be addressed to the Dr.

James R. Mihelcic, Faculty Search Committee Chair, Civil & Environmental Engineering, University of South Florida, 4202 E. Fowler Ave, ENB 118, Tampa, Florida, 33620. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Applicants who need disability accommodations to participate in the selection process should notify Brett Annette, Equal Opportunity Liaison Coordinator at (813) 974-7736 at least seven working days in advance of need. Review of applicants will begin in early December and applications will be accepted until the positions are filled.