Position Announcement – Assistant or Associate Professor
Coastal and Oceanographic Engineering Program
University of Florida

The Coastal and Oceanographic Engineering Program in the new Engineering School of Sustainable Infrastructure and Environment (ESSIE) at the University of Florida invites applications for a tenure-track faculty position at the Assistant or Associate Professor level, to begin August 2012. Candidates must hold a doctoral degree in an appropriate field of science or engineering.

We seek creative, highly productive scientists who have demonstrated innovative research in quantitative analysis in the broad area of coastal engineering and physical oceanography. Preference will be given to candidates with a research focus on coastal turbulence and transport processes, approached within the larger context of climate change, coastal hazards, and environmental sustainability. Research approaches can include theoretical, numerical or experimental methods. The successful candidate will be expected to build a strong externally funded research program, provide professional service, teach and develop courses at the undergraduate and graduate level; develop strong collaborations with other faculty in the Coastal Program, and pursue research collaborations and synergistic activities with other members of ESSIE in support of sustainable coastal systems.

Interested candidates should submit a complete curriculum vitae referencing position number 00006287, a 2-3 page statement of teaching and research plans, up to three representative journal articles (co-) authored by the applicant, and the names, addresses, phone numbers, and e-mail addresses of five references to Dr. Alex Sheremet, Search Committee Chair, electronically to jobsearch@coastal.ufl.edu. Questions may be referred to Dr. Sheremet at alex@coastal.ufl.edu. Review of applications will begin December 14, 2011 and will continue until the position is filled. For more information about ESSIE and the department, visit www.essie.ufl.edu.

ESSIE is the nexus where coastal, oceanographic, civil, and environmental faculty come together to solve unique problems of sustainability. We have a strong teaching and research school committed to establishing a world-class coastal engineering and oceanography program. ESSIE is home to the Departments of Civil and Coastal Engineering and Environmental Engineering Sciences. In addition, it encompasses seven research centers and institutes: the Center for Environmental Policy, the Howard T. Odum Center for Wetlands, Center for Infrastructure Protection and Physical Security, Transportation Research Center, Water Resources Research Center, the Bridge Software Institute, and Center for Multimodal Solutions for Congestion Mitigation.

ESSIE is investing to ensure the success of their new faculty. By August 2013, we expect approximately 20% of our faculty to be assistant professors. ESSIE is designed to foster collaboration between its faculty and those across campus. The new hires will join a dynamic, cross-disciplinary group of researchers and will have ample opportunities for collaborations, both within their research field and with interdisciplinary teams. Instilling excellence in teaching, research, leadership, innovation, and entrepreneurship are ESSIE's highest priorities. A growing number of our undergraduate and graduate students are participating in a College-wide initiative to foster concomitant training in entrepreneurship, innovation, and leadership skills in

engineering. We have five NSF CAREER awardees, and almost 50% of our faculty members are past recipients of College, University, or National awards recognizing excellence in teaching and mentoring.

State-of-the-art laboratory and facilities for teaching and research include 89,000 square feet of existing laboratory space, $4M of new laboratories in construction, a 3-D X-ray Tomographic Unit, full-scale test facilities to replicate hurricane loading, Full-scale Geoengineering Soil Test Box, TARP Certified Stormwater Unit Operations and Process (UOP) Testing Facility, UF Atmospheric Photochemical Outdoor Reactor, and access to a Scanning Environmental Electron Microscope through the Major Analytical Instrumentation Center. These research facilities and others are available to support faculty engaged in interdisciplinary sustainability research and to promote active collaborations with faculty campus wide.

The School offers ABET-accredited bachelor's degrees in both civil engineering and environmental engineering. Master's and doctoral degrees are available in Civil Engineering, Environmental Engineering Sciences, and Coastal and Oceanographic Engineering. ESSIE has 43 faculty, 753 undergraduate, 337 masters and 161 doctoral students. ESSIE has approximately $34.7 million in research funding. These funds support 78% of the doctoral students, while fellowships sponsor another 12%, and the remaining 10% are supported through teaching stipends. ESSIE's total annual expenditures exceed $27.3 million, with $19.5 million in research generated from external contracts and grants.

The College of Engineering has over 270 Faculty, over 2,600 Graduate Students and over 5,000 Undergraduates. It is one of the most comprehensive Engineering Colleges in the country and ranked 15th among public Colleges of Engineering in the US News and World Report. In addition, Gainesville is a vibrant community and has been rated as one of the best places in America to live.

The University of Florida is an equal opportunity employer; minority candidates are strongly encouraged to apply.