

POSITION:

Research Scientist
Institute for Coastal and Water Research (ICaWR)

RESPONSIBILITIES:

The Research Scientist will be expected to develop and maintain a vigorous research program and acquire at least three months of externally-funded salary. Research expertise must sufficiently align with those of the ICaWR Executive Director such that the Research Scientist has the abilities, skills, and knowledge to assist with the daily management of the Executive Director's research program, including supervision of graduate students, technical management of engineering/scientific equipment, production of technical reports and presentations, and ensuring the completion of contract deliverables and work products.

The researcher will also be expected to provide critical bridging support to ICaWR research faculty by serving as a facilitator in the development and management of multi-disciplinary collaborations. Expected facilitation activities include establishing and maintaining cross-discipline communication between researchers, providing technical support in areas such as statistical design and multivariate statistical analysis, conducting literature reviews and technical editing of research proposals, as well as interfacing with the Office of Research and Sponsored Programs on behalf of ICaWR research faculty. The Research Scientist will also provide logistical support in the collection of field data as appropriate.

ENVIRONMENT:

ICaWR houses faculty of diverse expertise in the areas of coastal and water resources with the goal of addressing complex linkages between terrestrial and aquatic ecosystems in an ever-changing environment. The structure of ICaWR promotes multidisciplinary collaboration and we invite interested partners from across the country to interact with us. Research expertise in ICaWR encompasses such pressing environmental concerns as: global climate change and sea-level rise, restoration of coastal ecosystems, environmental modeling, water management, and sustainability of habitats and communities.

This position may require the physical ability to work in strenuous and often harsh wetland and coastal environments. This includes the ability to successfully launch and operate boats, walk and collect data in wetlands and coastal environments that often have soft substrates and unstable footing.

QUALIFICATIONS:

PhD with a specialty in a relevant field such as wetland sciences, coastal hydrology, water resources and environmental engineering. The position requires a broad base knowledge in several of the following fields: coastal and wetland plant communities, coastal ecosystem response to environmental change, coastal engineering, ecosystem modeling, hydrologic/hydraulic modeling, water management and ecosystem restoration ecology. Experience in conducting field research throughout the Gulf, Southeast Atlantic, and California Coasts of North America is desirable. Preference will be given to candidates with a minimum of 5 years of experience in conducting and managing coastal/wetland research projects; and analytical skills to include plant ecophysiology (e.g. photosynthetic characterization), plant community ecology (e.g. Plant taxonomy and cover estimation), and soil biogeochemistry (soil sample collection and physico-chemical analysis).

UNIVERSITY and COMMUNITY:

The mission of the University of Louisiana at Lafayette is to offer exceptional education informed by diverse world views striving to develop innovative leaders who advance knowledge. Accredited by Southern Association of Colleges and Schools Commission on Colleges, UL Lafayette is a public research university with high research activity, with an enrollment of over 18,000 students and 800 faculty members. UL Lafayette is the largest of nine universities in the University of Louisiana System. The University offers degree programs in 55 undergraduate disciplines, 15 post-bachelor certificates, seven graduate certificates, the master's degree in 28 disciplines and the doctorate in 10 disciplines. Under the Carnegie Classification System, the University is a Doctoral University with Higher Research Activity. The most recently reported annual research and development expenditure was \$77 million. The University has a proud record of collaborations with the industry, having been ranked 10th in the nation by the National Science Foundation in terms of R&D expenditure percentage supported by the industry. Additional information about the University is available on the University's webpage at <http://louisiana.edu/>.

SALARY:

Commensurate with qualifications and experience.

APPLICATIONS:

The search committee will review applications starting immediately and continue until the position is filled. Candidates should send a letter of intent; curriculum vitae; and name, address and telephone number of at least four references. Additional materials, of the candidate's choice, may also be sent. Applications should be sent to: Research Scientist Position, Institute of Coastal and Water Research (ICaWR), 635 Cajundome Boulevard, Lafayette, LA 70506 or email to: sdenton@louisiana.edu.