Florida International University is Miami’s public research university, focused on student success. According to U.S. News and World Report, FIU has 42 top-50 rankings in the nation among public universities. FIU is a top U.S. research university (R1), with more than $200 million in annual expenditures. FIU ranks 15th in the nation among public universities for patent production, which drives innovation, and is one of the institutions that helps make Florida the top state for higher education. The Next Horizon fundraising campaign is furthering FIU’s commitment to providing students Worlds Ahead opportunities. Today, FIU has two campuses and multiple centers, and supports artistic and cultural engagement through its three museums: Patricia & Phillip Frost Art Museum, the Wolfsonian-FIU, and the Jewish Museum of Florida-FIU. FIU is a member of Conference USA, with more than 400 student-athletes participating in 18 sports. The university has awarded more than 330,000 degrees to many leaders in South Florida and beyond. For more information about FIU, visit www.fiu.edu.

BODY OF THE ADVERTISEMENT

Postdoctoral Associate in the Institute of Environment at Florida International University.

Start Date: Fall 2020 or January 2021
Location: Miami, Florida, USA

A Postdoctoral Research Associate position is available in the Wetland Ecosystems Research Lab under supervision of Dr. Edward Castaneda at Florida International University. The postdoc will conduct research in Louisiana’s coastal wetlands (Delta X project) to evaluate vulnerability of coastal deltaic wetlands to sea-level rise and reduced sediment input in the Mississippi River Deltaic region. Delta-X is an interdisciplinary project including radar scientists, hydrologists, geomorphologists, and ecologists, funded by JPL-NASA (https://deltax.jpl.nasa.gov/science/team/). The candidate will also collaborate on a mangrove project in Everglades National Park to assess species-specific responses, recovery trajectories and resilience capacity of mangrove forests as a result of Hurricane Irma’s impacts across the Everglades landscape.

Candidates with a strong background in Coastal Wetland Ecology are encouraged to apply for this position. A PhD in Ecology, Oceanography and Coastal Sciences, Environmental Sciences, Earth Sciences or related field is required. Experience with management of large datasets, quantitative analysis of above- and belowground vegetation biomass and productivity data, wetland (marshes and mangroves) species identification and composition, and soil CNP biogeochemistry are required. Knowledge of statistical packages (e.g., SAS, R, JMP) and remote sensing tools (e.g., NDVI imagery, Landsat) is also preferred. The selected candidate will lead field campaigns, process and analyze data, and help with preparation of peer reviewed publications, project reports, presentations, and other communication materials. Proficiency in the operation of marine boats will be ideal.
This position will be based at the FIU Modesto A. Maidique Campus in Miami, FL, USA. The appointment is available for a one-year term with potential for renewal for a second year based on satisfactory performance and available funding.

Qualified candidates are encouraged to apply to Job Opening ID 522285 at facultycareers.fiu.edu and must submit a short letter of interest, resume, and the names and contact information for three references who are willing to provide confidential recommendations as determined by the search committee. Application materials should also be emailed as a single pdf file to Dr. Edward Castaneda (ecastane@fiu.edu). Position open until filled.

To receive full consideration, applications and required materials should be received by November 20, 2020. For an overview of research activities, visit our lab at: wetland.fiu.edu.


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