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Postdoctoral Research Opportunity in Wetland Plant Ecology

The Roberts Lab of Ecosystem Ecology and Biogeochemistry (<http://robertsresearchlab.weebly.com/>) at the Louisiana Universities Marine Consortium (LUMCON) is seeking a postdoctoral research associate in wetland plant ecology to help organize and lead a series of field studies and manipulative experiments studying the effects of the Macondo Oil Spill on coastal marsh ecosystems. The primary focus of the postdoc position will be to continue research projects initiated by a large, multi-institution team of researchers on the Coastal Waters Consortium (CWC) project (<http://cwc.lumcon.edu/>) funded by the Gulf of Mexico Research Initiative to study the impacts of the oil spill and future spills on marshes and coastal environments. Specifically, the postdoc will be expected to lead the plant associated aspects of a large, marsh mesocosm oiling experiment being conducted at LUMCON's DeFelice Marine Center in Cocodrie, LA. Twelve, ~3m diameter marsh mesocosms had intact marsh sections planted in January 2018 and after ~1.5 years of baseline monitoring were exposed to one of 4 oil treatments (no (control), low, moderate, or heavy oiling) in July 2019 (general overview can be found at: <https://robertsresearchlab.weebly.com/marsh-mesocosms.html>). This is a unique opportunity to collaborate with top scientists in a variety of disciplines (including plant ecology, biogeochemistry, microbial ecology, oil characterization, and organismal ecology) from around the United States in a large, interdisciplinary research project of great importance to the US Gulf Coast and other ecosystems impacted by oil-related activities.

Qualifications: The candidate must have a Ph.D. in ecology, wetland science, plant ecology, biogeochemistry or a related field. The preferred candidate will have experience with field instruments (e.g., making ground-based measurements of spectral reflectance to determine plant physiological status and detect stress, leaf level photosynthesis measurements, and/or integrated plant-soil greenhouse gas flux measurements). The ability to work in a group setting is essential, as you will work collaboratively with the PIs, other post docs, graduate and undergraduate students, and research associates/technicians on this interdisciplinary effort. High organizational and communication skills, creativity in methodological development, and understanding of basic experimental design and statistical analyses are required for this position.

Duration and Start Date: The position is available immediately. The initial appointment is for 1 year with possible additional support dependent on funding and satisfactory performance.

Location: The position will be based at the Louisiana Universities Marine Consortium (LUMCON) Marine Center in Cocodrie, LA (visit <http://www.lumcon.edu> for information on the facility). The field sites are located along the Louisiana coast between LUMCON and the Mississippi River.

To Apply: Send 1) a letter of interest that describes your interest in the position, your career goals, and details your work and educational experience most relevant to the position, 2) curriculum vitae, and 3) contact information for 3 references to Dr. Brian Roberts (broberts@lumcon.edu) with "Wetland plant ecology postdoc position" in the subject line. For more information, contact Dr. Brian Roberts by email or phone (985-851-2821).

Deadline: Review of applications will commence immediately and continue until the position is filled.

LUMCON is an Equal Opportunity/Affirmative Action Employer that actively seeks diversity among its employees.