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## Postdoctoral Research Opportunity in Coastal Ecosystem Ecology and Biogeochemistry

### *Position available immediately*

The Roberts Lab of Ecosystem Ecology and Biogeochemistry ([lumcon.edu/broberts](http://lumcon.edu/broberts) and [robertsresearchlab.weebly.com](http://robertsresearchlab.weebly.com)) at the Louisiana Universities Marine Consortium (LUMCON) is seeking a postdoctoral research associate to join our interdisciplinary research team. We are looking for a highly motivated, enthusiastic, and organized problem-solver to lead and participate in field and laboratory work in wetland, estuarine, and/or coastal marine ecosystems. Current projects include a large scale marsh mesocosm oiling experiment (<https://robertsresearchlab.weebly.com/mesocosms.html>); studies of the relationship of human disturbance to ecosystem services (focus on sediment biogeochemistry and primary production) in offshore sand shoal habitats (<https://robertsresearchlab.weebly.com/ship-shoal.html>); a NASA-funded project on coastal wetland carbon exchanges (CH<sub>4</sub> and CO<sub>2</sub> fluxes) and vegetation dynamics; long-term studies on marsh plant productivity, microbial ecology, and soil biogeochemistry; wetland food webs in natural and created marshes influenced by river diversions; living shoreline restorations; and wetland and coastal estuarine biogeochemistry. The lab is also participating in two new collaborative NSF-funded projects on methane efflux from river influenced coastal marine sediments and methane dynamics across microbe-to-landscape scales in coastal wetlands. The postdoc will have the opportunity to build on extensive data sets on primary production, respiration, biogeochemistry and microbial communities along the wetland, estuarine, and coastal marine gradient. The postdoc will also have the opportunity to develop their own original research project(s) in any of the aforementioned areas. This is a unique opportunity to join a large, interdisciplinary, collaborative research team to develop an independent research program leveraging extensive historical, current, and new research activities.

**Qualifications:** The candidate must have a Ph.D. in biogeochemistry, ecology, wetland science, plant ecology, oceanography, or a related field. The preferred candidate will have experience with field and laboratory instruments. The ability to work in a group setting is essential, as you will work collaboratively with PIs, other postdocs, graduate and undergraduate students, and research associates/technicians on this interdisciplinary effort. The ideal candidate will have an understanding of basic experimental design and statistical analyses, creativity in methodological development, and a professional level of communication and organizational skills in a team player environment.

**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).

**To Apply:** Send 1) a letter of interest, 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](mailto:broberts@lumcon.edu)) with "Coastal postdoc position" in the subject line. For more information, contact Katie Maier at [kmaier@lumcon.edu](mailto:kmaier@lumcon.edu).

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

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