

The Seagrass Ecosystem Research Lab at Florida International University (<http://seagrass.fiu.edu>) invites applicants for a postdoctoral associate position focused on coastal carbon biogeochemistry.

Responsibilities: We are seeking an independently-motivated postdoctoral associate to conduct research on the biogeochemistry of carbonates and air-water CO₂ exchange over south Florida seagrasses. Successful candidates will operate and maintain our new eddy covariance system, and will analyze and interpret this EC data, using data from autonomous in-water instruments (pCO₂, pH, etc) as context. As such, we expect applicants who are capable carbonate chemists, with demonstrated laboratory analytical skills. Although not mandatory, some experience in ecosystem modeling would be seen as beneficial.

While this position is largely focused on carbon, we also seek applicants with an interest in broadening their research scope. For example, opportunities exist in probing links between carbon biogeochemistry and sediment denitrification/ANAMMOX as well as sulfur cycling. Furthermore, this postdoctoral associate will have the opportunity to network with the large Florida Coastal Everglades LTER, and to consider seagrass carbon cycling in the context of the larger Everglades landscape.

Qualifications: We expect candidates with diverse backgrounds, and will consider those with a PhD in oceanography, ecology, biology, marine science, or related fields.

To Apply: Applicants should submit a 1) one-page statement of research interests and experience, 2) a CV, along with 3) 2 recent publications (in any stage of completion) and 4) the names and contact information for three references. There is no closing date for this position, and applicants will be reviewed on a rolling basis. Please send application materials as a combined PDF to: Jim Fourqurean (jim.fourqurean@fiu.edu).

Appointment: The initial appointment will be for one year, with the possibility of extension, beginning as soon as possible.