

## Tropical Research and Education Center

### Doctoral Research Assistantship in Coastal Biogeochemistry

A Ph.D. Research Assistantship is available in the Biogeochemistry Lab (Soil and Water Sciences department) at the University of Florida/IFAS Tropical Research and Education Center (TREC) in Homestead, FL for Fall 2018. Research in the lab focuses on how human activities impact the fate and transport of nutrients in coastal ecosystems. Several topics related to elemental cycling can be pursued, depending on the background and interest of the student. This may include topics such as the impact of sea level rise on ecosystem services from wetlands, the effects of aquaculture on sediment and water quality and the biogeochemical response of restoration. Research will include a combination of field and laboratory work. There will also be opportunities to participate in science communication and outreach activities.

A Master's degree in environmental science, biology, chemistry, or related discipline is preferred. Desired background includes experience in wetland and coastal ecosystems, and analytical chemistry skills.

The TREC is located on the southeast coast of Florida, approximately 30 miles south of Miami, in close proximity to Everglades National Park, Biscayne National Marine Park and Florida Bay. Visit the TREC webpage at <http://trec.ifas.ufl.edu/> for additional information. Interested candidates should contact Dr. Ashley Smyth ([ashley.smyth@ufl.edu](mailto:ashley.smyth@ufl.edu)). Complete application packets are due January 15, 2018. Application instructions can be found at [soils.ifas.ufl.edu/academics/graduate-studies/apply](http://soils.ifas.ufl.edu/academics/graduate-studies/apply).