

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 2019. 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 projects that quantify nutrient fluxes and rates of denitrification in freshwater and marine habitats, investigate factors that control rates of biogeochemical transformations across a range of spatial and temporal scales, or characterize how land-use and environmental change interact to alter ecosystem functions and services.

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). Complete application packets are due by January 2, 2019. Application instructions can be found at soils.ifas.ufl.edu/academics/graduate-studies/apply.