

Graduate Student Assistantship in Soil Nutrients and Hydrology

Starting Fall 2026, the Soil, Water, & Ecosystem Sciences Department at the University of Florida is seeking a highly qualified PhD student in the field of soil nutrients and hydrology. The candidate will be working on federal and state funded projects and be part of the Soil, Water, and Nutrient Management Laboratory, located at the Everglades Research and Education Center in Belle Glade, Florida, working under the supervision of Dr. Jehangir H. Bhadha. The student will be working on research topics related to conducting a long-term field and watershed-scale hydrological and geospatial research network within the Everglades Agricultural Area (EAA), in South Florida. Primary methodologies to be implemented in the research include, but are not limited to, field monitoring using sensors (water level recorders, automated weather sensors, water quality sensors) and direct sampling (soil and water samples, auto-samplers, flow measurements, vegetation samples). The project entails a significant amount of hydrologic modeling; thus, experience working with the Soil and Water Assessment Tool (SWAT) is desired. This is a multi-year multidisciplinary project with primary study location in South Florida, and coordinate efforts with collaborators across the nation.



Candidates with a MS degree in Soil Sciences, Agronomy, Agricultural Engineering, Water and Environmental Sciences, or related fields will be desired. Looking for a highly motivated applicant with experience in field and lab work. High GPA, along with a strong publication record, experience working with wet chemistry, hydrology, and hydrologic modeling.

For more information, contact Dr. Jehangir Bhadha jango@ufl.edu, and submit a formal application to the UF Soil, Water, and Ecosystem Sciences Department Graduate Program by January 1, 2026: <https://soils.ifas.ufl.edu/academics/graduate-studies/apply/>