



Ph.D. Alumni Assistantship / Ph.D. Graduate Assistantship – Carbon Modeling

Applications are invited for the position of a Ph.D. student to investigate spatially-explicit relationships between human-induced stressors (such as land use and climate change) and environmental landscape factors (soil, climate, land use / land cover, terrain, geology, and hydrology). A goal of this research is to gain insight into biophysical feedbacks (soil-vegetation-water-atmosphere interactions) and carbon dynamics modulating sequestration and/or losses of carbon in a mixed upland/aquatic ecosystem. Simulation models and/or mixed deterministic/stochastic methods will be used to conduct this research.

Desired skills: Ecosystem modeling, carbon science, geostatistics, statistics, GIS, and environmental sciences or related discipline.

Location: Soil and Water Science Department (<http://soils.ifas.ufl.edu>), University of Florida, Gainesville, Florida, U.S.

When: Fall semester 2010 (mid Aug. 2010)

Contact: Sabine Grunwald, Associate Professor, sabgru@ufl.edu (352-392-1951 x204) and submit a curriculum vitae and letter of intent to apply (pre-screening)

Application: For admission into the Ph.D. Program offered by the Soil and Water Science Department, University of Florida (<http://soils.ifas.ufl.edu>) a complete application must be submitted following the guidelines provided at: <http://soils.ifas.ufl.edu/academics/application.html> (application deadline: March 30, 2010)