



Post-Doctoral Associate / Research Scientist – Carbon Modeling

Responsibilities

Applications are invited for the position of a Post-Doctoral Associate / Research Scientist to study soil carbon cycling at broad spatial scales and coordinate activities of the Terra Carbon Information System (Florida). General responsibilities will include: i) Database development: Support the development of a coherent, searchable, and expandable database that integrates terrestrial carbon and associated environmental datasets and provides information about carbon related to environmental stressors such as climate and land use change; ii) Data synthesis: Conduct a synthesis of multiple large carbon datasets to gain insight into carbon cycling and dynamics across various spatial and temporal scales; upscaling of site-specific carbon observations to landscape scales; and iii) Geospatial outreach: Build a 'GoogleEarth' application to deliver and share Terra Carbon data on an interactive, geospatial platform.

Qualifications:

The candidate should have a Ph.D. (or M.S. with 2 years plus work experience) in environmental science, geoscience, natural resource management, biogeochemistry, soil science or related field. Strong skills in geodatabase management and development, multivariate statistics and geostatistics, and GIS are desirable and proven capacity to modify and run ecosystem/carbon prediction or simulation models. The incumbent should have strong interpersonal and organizational capabilities and excellent communication skills.

Location: Soil and Water Science Department, University of Florida, Gainesville, Florida, U.S.

When: Feb. 2010 or until position is filled

Duration: 2 years

Contact: Sabine Grunwald, Associate Professor, sabgru@ufl.edu (352-392-1951 x204)

Submit: Letter of application, curriculum vitae, transcripts, and 3 references (contact address including email and phone)