

Research position in carbon cycling research

One postdoctoral research position is available in the area of climate controls on carbon cycling in the Florida coastal everglades. The post-doctoral scientist will assist with integrating research findings relevant to climate controls on carbon sequestration in the Everglades, and analyzing and interpreting data sets from flux towers and remote sensing platforms. The full-time postdoctoral position also entails collecting and synthesizing datasets from a variety of sources, including meteorological and hydrological stations, continuous ecosystem carbon exchanges at selected sites in the Everglades, and remote sensing information. Numerical modeling simulations are part of the research activities as well. Excellent computing and field facilities are available to carry out the research. The candidate is expected to interact with an interdisciplinary team of scientists involving ecologists, climate scientists, and hydrologists.

The incumbent needs to have a PhD degree in ecosystem science, hydrology, biogeochemistry, atmospheric sciences, or a closely related field. Research experience with field studies involving flux towers and management of large data sets (exceeding several gigabytes) is highly desirable. Also, experience in developing and/or running numerical models designed to investigate climate and biogeochemical controls on ecosystem state and function is preferable. Excellent oral and written communication skills are important because the incumbent will contribute to peer-reviewed publications and presentation of results at national conferences. The incumbent will be based at the Everglades National Park office in Homestead, FL and/or Florida International University in Miami, FL. The salary will be competitive and commensurate with relevant experience. To apply, interested candidates need to electronically submit an application including: (1) a statement describing qualifications, (2) curriculum vitae, and (3) names and contact information for three references to <https://psu.jobs/job/56185>. For additional information about the position, please write to Professor Jose D Fuentes at jdfuentes@psu.edu. This is a fixed-term appointment funded for one year with strong possibility of an additional year of funding. The projected start date is as early as 1 April 2015. Review of applications will begin immediately and continue until the position is filled. Employment will require successful completion of background check(s) in accordance with Penn State policy HR-99.

The Pennsylvania State University is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to minorities, women, veterans, disabled individuals, and other protected groups.