POSTDOCTORAL OPPORTUNITY IN GEOSPATIAL MODELING OF WETLAND CARBON SEQUESTRATION (review begins Oct 31, open until filled)

The Smithsonian Environmental Research Center (SERC) has an opening for a postdoctoral fellow to study geospatial analysis of carbon sequestration in coastal wetlands across the United States. The fellow will join a team of over 20 scientists seeking to link field measurements with remotely sensed datasets. The fellow will be an active participant in project planning, data analysis, and scientific publications and must be able to work as part of an extended research team. Applicants should have a Ph.D. in ecology or geography, peer-reviewed publications, and professional presentations. Desirable skill sets include proficiency with ArcGIS software, geospatial modeling, and database management. Ideally, the candidate also will have some understanding of process-based biogeochemical modeling and knowledge of wetland ecological principles. Skills with ArcGIS automation and R statistical software would also be helpful. The position is funded for 2 years beginning in January 2015 as part of a multi-institution, multi-investigator project supported by the NASA Carbon Monitoring System program. The applicant will be advised jointly by scientists at SERC and the U. S. Geological Survey. Stipend $47,500 plus health insurance per year. For best consideration, send letter of application, resume, graduate and undergraduate transcripts (unofficial copies are fine), and names of three references (with telephone numbers and e-mail addresses) to Dr. J. Patrick Megonigal (megonigalp@si.edu), SERC, P.O. Box 28, Edgewater, MD 21037-0028. Review of applications will begin on 31 Oct and continue until the position is filled. For more information on SERC visit http://www.serc.si.edu