PhD Assistantship - Hydrology / Hydrogeomorphology

We are seeking a highly motivated PhD student to analyze riverine sediment transport and geomorphological change in coastal Louisiana. The study is part of an interdisciplinary research, supported by the NSF coupled natural-human systems (CNH) program that aims to develop models to assess the resilience and sustainability of a CNH coastal system. This position is a research assistantship with an $18,000 stipend, tuition waiver, and health benefits. The student will work closely with a group of faculty and graduate students from natural and social sciences.

Qualifications: A strong work ethic, strong quantitative skills, good communication skills, and the ability to work both as part of a team and independently are critical, in addition to being prepared for work under variable field conditions and possessing a valid U.S. driver's license. Applicants with an MS in hydrology or a similar discipline (e.g. geology, soil physics, geography, environmental sciences, etc.) are preferred. Applicants with research experience in any of the following areas: surface hydrology, sediment transport, geomorphology, and GIS/landscape modeling will be highly competitive.

To apply: Submit the following via email to Jun Xu (yjxu@lsu.edu): resume, unofficial transcripts & GRE scores, a letter describing relevant research experience, and names and contact information for three references. Missing any of the above documents will not be considered.