PhD Graduate Research Assistantship Opportunity for Fall 2020

Coupled Human-Natural System Dynamics related to Livelihood, Landscape Evolution, and Human Migration

The Integrated Coastal Sciences PhD program at East Carolina University (ECU) is seeking a graduate research assistant interested in the feedbacks between land use change, river and delta processes, and human migration to assist with a research project funded by the National Science Foundation: **Socioecological System Dynamics related to Livelihood, Human Migration, and Landscape Evolution in the Ganges-Brahmaputra-Meghna Delta**

The successful applicant will work under the supervision of Dr. Kimberly Rogers (https://bit.ly/31pcYez) assisting with mixed-methods data collection in coastal Bangladesh, data integration and analysis, and the dissemination of results. The ideal candidate has an interest in working on a collaborative interdisciplinary team and using integrative methods to examine human-environment interactions in a dynamic coastal setting.

A master’s degree in earth & environmental sciences, geography, or anthropology is preferred, but motivated students from other disciplines or with a bachelor’s degree in physical science are encouraged to contact Dr. Rogers and discuss their interests. Excellent verbal and written communication skills and strong interpersonal skills are desired. Experience using GIS, statistical modeling, and/or agent-based modeling is preferred but not required.

ECU’s coastal PhD program is housed within the Department of Coastal Studies and the Integrated Coastal Programs and provides an interdisciplinary approach to coastal studies that emphasizes links between natural, social, economic, and health sciences. The assistantship provides a **tuition waiver, monthly stipend, and health insurance for the first two years**. Funding in subsequent years is likely, contingent on performance and available funds. The application deadline for the Integrated Coastal Sciences program is **March 1, 2020**. Interested applicants please send a brief letter stating why you want to pursue a PhD along with your CV via email to Dr. Kimberly Rogers (rogerski19@ecu.edu) prior to formally applying to the ECU graduate school.