Funded position in MS in Data Science at the University of Delaware

The EArth observation for Sustainable Ecosystem and Livelihood group (http://www.ceoe.udel.edu/our-people/profiles/mondal) at the University of Delaware is seeking a MS student interested in environmental remote sensing to join the MSDS program in Fall 2019. Funding is available through an NSF EPSCoR grant awarded to an interdisciplinary team of researchers examining water in the changing coastal environment in Delaware (http://projectwicced.org/).

The MS position with a Research Assistantship (RA) provides a competitive stipend of $22,000, a tuition waiver, and subsidized health insurance. The student will work under the direct supervision of Dr. Pinki Mondal (mondalp@udel.edu), and will interact with EPSCoR WiCCED project members and collaborators at the Center for Environmental Monitoring & Analysis (http://cema.udel.edu/).

The ideal candidate would have a major in any of mathematics, applied mathematics, statistics, computer science or engineering, environmental engineering, or any other field of engineering. For the MSDS program degree requirements, please visit: https://www.msds.udel.edu/curriculum. A strong candidate is either familiar with or interested in geospatial (remote sensing/GIS) applications in environmental sciences. Prior experience in Google Earth Engine (GEE) is a plus, but not mandatory. We are looking for a candidate who has (i) outstanding quantitative skills, (ii) an interest in interdisciplinary research, and (iii) good oral communication and writing skills. The ideal candidate also has attention to detail and willingness and ability to follow instructions carefully and work independently.

**Specific RA responsibilities** will include (but are not limited to): (1) processing and interpreting time-series of satellite images for Delaware, (2) collecting and analyzing field-level data, (3) assisting investigators with other research-related project activities, and (4) presenting findings at scientific meeting and submitting journal articles. While the RA will assist with the project objectives, he/she will be encouraged to develop his/her own thesis research questions to pursue within the context of the broader project.

Interested applicants should send a brief letter of interest, unofficial transcript, and a copy of their CV (including GPA and GRE scores) via email to Dr. Pinki Mondal (mondalp@udel.edu) by February 22 prior to formally applying to UD Graduate School. Women and underrepresented minorities are strongly encouraged to apply.

The University of Delaware is an equal opportunity affirmative action employer. Recognized by the Chronicle of Higher Education as one of America’s best universities to work for in 2012, the University of Delaware is located midway between Philadelphia and Baltimore, and is a Sea Grant, Space Grant, and Land Grant institution.

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Dr. Pinki Mondal  
Assistant Professor, Department of Geography  
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