

Two (2) funded PhD positions at the University of Delaware

The EArth observation for Sustainable Ecosystem and Livelihood ([EASEL](#)) group in the Department of Geography at the University of Delaware is seeking two motivated PhD students interested in smallholder agricultural systems in developing countries to join our program in Fall 2020. Funding is available through the department as research assistant (RA) or teaching assistant (TA). Candidates might also be eligible for university-wide fellowships.

Both positions offer competitive stipend, a tuition waiver, and subsidized health insurance. The students will directly work with Dr. Pinki Mondal (mondalp@udel.edu), and will interact with collaborators across the US and other countries (depending on the study area). Please check out the lab [website](#) for selected projects. However, the ideal candidates will develop their own research ideas.

Interested applicants should send a brief letter of interest and a copy of their CV (including GPA and GRE scores) via email to Dr. Pinki Mondal (mondalp@udel.edu) **by October 31** *prior to formally applying to UD Graduate School*. The deadline for priority consideration for admission and funding is January 5, 2020. Women and underrepresented minorities are strongly encouraged to apply.

The ideal candidate is passionate about and has expertise in geospatial (remote sensing/GIS) applications in environmental sciences. Prior experience in spatial modeling, Google Earth Engine (GEE) and/or R/Python is a plus. We are looking for a candidate who has (i) an interest in interdisciplinary research, (ii) good oral communication and writing skills, (iii) attention to detail, and (iv) willingness and ability to work independently.

Specific RA responsibilities will include (but are not limited to): **(1)** processing and interpreting satellite images, **(2)** collecting quantitative data in rural regions, **(3)** analyzing quantitative data, **(4)** assisting investigators with other research-related project activities, and **(5)** presenting findings at scientific meeting and submitting journal articles. While the RAs will assist with the project objectives, they will be encouraged to develop their own dissertation research questions to pursue within the context of the broader project.

The [geography department](#) is a nationally and internationally recognized department that offers a Master's degree in Geography, Ph.D. degrees in both Climatology and Geography, and a graduate-level certificate program in Geographic Information Science. Our students are also given the opportunity to pursue a Master's degree in [Data Science](#). We have a [diverse group of faculty](#) with research expertise in GIS and remote sensing, climatology, political ecology and ecohydrology among others.

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.