**Funded PhD and MS positions in Geospatial Data Science at University of Delaware**

The Geospatial Data Science Cluster at the University of Delaware’s Department of Geography (<https://www.ceoe.udel.edu/schools-departments/department-of-geography>) invites applications for PhD and MS positions. The department offers PhD and MS degrees in Geography, a PhD degree in Climatology, and a Graduate Certificate in Geographic Information Science. Students can also pursue the university’s MS degree in Data Science through the Geospatial Data Science Cluster.

We have a growing faculty in Geospatial Data Science specialized in GIScience, Remote Sensing, Machine Learning, Big Data Analytics and Modeling, with applications in Land Change Science, Human Dimensions of Climate Change, Sustainability, and Climatology. The department also has strength in regional and large-scale climate modeling, weather forecasting, atmospheric observation, ecohydrology, political ecology, and critical geography.

Geospatial Data Science Cluster Faculty:

Tracy DeLiberty ([tracyd@udel.edu](mailto:tracyd@udel.edu))   
geographic information systems, remote sensing, climatology  
<https://www.ceoe.udel.edu/our-people/profiles/tracyd>

Pinki Mondal ([mondalp@udel.edu](mailto:mondalp@udel.edu))   
remote sensing, GIS, environmental geography, land cover and land use change, agriculture, food security, climate impact  
<http://www.ceoe.udel.edu/our-people/profiles/mondalp>

Jing Gao ([jinggao@udel.edu](mailto:jinggao@udel.edu))   
geospatial data science, machine learning, human dimensions of climate change, urban land change, spatial population, uncertainty analysis and modeling  
<http://www.ceoe.udel.edu/our-people/profiles/jinggao>

We look for self-motivated creative thinkers, with excellent written and verbal communication skills, and ability to work in interdisciplinary environments. Ideal candidates have strong backgrounds/interests in quantitative methods (e.g., spatial analysis and modeling, statistics), programing (e.g., Python, R), database management, and geo-computation. Prior research experience in geography and environmental science is a plus.

Competitive funding packages will be offered. Applications are accepted by January 5, 2019 for Fall 2019 enrollment at <https://grad.udel.edu/apply> , but interested applicants are encouraged to contact faculty of mutual interests in advance. Women, underrepresented minorities, and individuals with disabilities are strongly encouraged to apply. International students are welcome. General questions may be directed to our Graduate Director Dr. April Veness ([veness@udel.edu](mailto:veness@udel.edu)).