Geospatial Analytics

The Center for Geospatial Analytics innovative Ph.D. program brings together departments from across NC State University to train a new generation of interdisciplinary data scientists skilled in developing novel understanding of spatial phenomena and in applying new knowledge to grand challenges.

This one-of-a-kind degree focuses on integrative thinking and experiential learning:

- Multidisciplinary advising unites expertise from across complementary academic departments
- Cross-cutting curriculum spans core classes in solution-driven analytics and discipline-specific electives
- Geospatial externship enriches practical understanding through a one-week internship with an external partner

If your research goals intersect geospatial problem-solving from any number of fields, you will find your fit here. Our Faculty Fellows advise students interested in a range of disciplines—from design, to social and behavioral sciences, natural resources and the environment, computer science, engineering and more—and approach their work in a range of geospatial research areas. Students with strong backgrounds in quantitative methods in geography, data science, remote sensing and earth sciences are strongly encouraged to apply.

Degrees

- Geospatial Analytics (PhD) (http://catalog.ncsu.edu/graduate/natural-resources/geospatial-analytics/geospatial-analytics-phd/)

Full Professors

Sankarasubramanian Arumugam
Emily Zechman Berglund
DelWayne R. Bohnenstiehl
David Brian Hill
Yu-Fai Leung
Ross Kendall Meentemeyer
Helena Mitasova
Stacy Arnold Charles Nelson
Peter Ojiambo
Brian J. Reich
Robert Michael Scheller
Sandra E. Yuter

Assistant Professors

Eric Charles Edwards
Joshua Michael Gray
Anders Schmidt Huseth
Gustavo Machado
Katherine Lee Martin
Natalie Genevieve Nelson Sagues
Daniel R. Obenour
Jamian Krishna Pacifici
Jelena Vukomanovic

Practice/Research/Teaching Professors

Perver Korca Baran
Daniela Jones
Eric Shane Money
Jennifer Richmond-Bryant
Laura Gray Tateosian
Vaishnavi Thakar

Adjunct Faculty

Adam J. Terando

Associate Professors

Justin Scott Baker
Caren Beth Cooper

Research Associates

Georgina Sanchez Salas
Lindsey Smart
Chelsey Walden-Schreiner