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
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Yu-Fai Leung
Ross Kendall Meentemeyer
Helena Mitasova
Stacy Arnold Charles Nelson
Peter Ojiambo
Brian J. Reich
Robert Michael Scheller
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Assistant Professors
Eric Charles Edwards
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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
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Lindsey Smart
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