GEEMaP Faculty
Principal Investigators

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GEEMaP unites 18 faculty members from seven departments in three colleges, combining expertise in wind energy, water resources, flood control, geographic information science, spatial statistics, computer science, and more.

Questions?
Contact Eileen Beran, Program Coordinator
319.335.0712 or eileen-beran@uiowa.edu
What is Geoinformatics?

Geoinformatics is the science of measuring, storing, managing, analyzing, and visualizing phenomena occurring on or near the earth's surface. It includes geographic information science, spatial statistics, and high-performance computing.

The GEEMaP program will equip PhD students with not only technical know-how, scientific understanding, and hands-on experience, but also communication skills and intercultural perspectives.

While earning PhDs from their own departments, GEEMaP students will broaden and deepen their knowledge through shared activities:

- Additional coursework leading to the Graduate Certificate in Geoinformatics
- Participation in a special interdisciplinary Geoinformatics seminar
- Participation in interdisciplinary research groups led by GEEMaP faculty
- Involvement in internships with industry and government agencies
- Participation in the annual GEEMaP research and technology workshop
- Involvement in community-building activities with quantitative science and engineering students and faculty campus-wide

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HOW TO APPLY

FIRST:

⇒ Apply for admission directly to the department from which you wish to receive your PhD. Participating departments:

- Biostatistics
- Civil & Environmental Engineering
- Computer Science
- Geography
- Geoinformatics*
- Industrial Engineering
- Statistics

*New program—check for status

Make certain to observe all of the individual departments’ application requirements and deadlines.

⇒ Inform the department that you are also applying to the GEEMaP IGERT.

NEXT:

⇒ Apply for admission to GEEMaP by completing and forwarding the following:

- GEEMaP application (found on our website: @geemap.stat.uiowa.edu)
- Statement of purpose
- Three letters of reference (must be sent directly by the writer)

E-mail your application and supporting documents to GEEMaP@uiowa.edu

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DEADLINES

- Trainee Applications for GEEMaP: Due February 1 prior to fall enrollment
- Associate Applications for GEEMaP: Due April 15 prior to fall enrollment

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ELIGIBILITY

Eligibility Requirements for all GEEMaP Trainees and Associates Include:

⇒ US bachelor’s degree from a regionally accredited American college or university, or an equivalent degree from another country as determined by the Office of Admissions.

⇒ A passionate interest in environmental and energy-related issues as well as in cutting-edge computational methods.

Women and underrepresented minorities are encouraged to apply to the GEEMaP program.