

## PhD Graduate Assistantships in GIScience in 2024 Spring/Fall

The Laboratory of Computational Spatial Science for Sustainability ([COMPASS Lab](#)) at University of South Florida is seeking two Ph.D. interested in GIScience and spatial data science to begin in the **spring or fall semester in 2024**. The students will join research projects in one of the following topics: (1) integrating multi-source and multi-scale data to assess hazard exposure, socio-economic vulnerability, and community resilience; (2) detecting and modeling human dynamics in the context of natural hazards and climate change. The selected candidates will be offered a four-year graduate assistantship with a competitive package including monthly stipend, tuition waiver, health insurance, computer and travel fund. The PhD program is in the STEM category that grants a 3-year Optional Practical Training (OPT). Required and desired qualifications of the positions are as follows:

### Minimum Qualification:

- Master or bachelor degree in geography, geomatics, environmental science, urban planning, computer science, or a related field.
- Demonstrated skills in GIS, spatial analysis and modeling.

### Desired Qualification:

- Knowledge in data science programming (e.g., Python or R)
- Knowledge in statistical modeling, machine learning, and artificial intelligence
- Excellent written and verbal communication skills.

### How to Apply

A complete application for graduate programs ([PhD in Geography, Environmental Science & Policy](#)) at the School of Geosciences is required for full consideration. The application deadline for the 2024 spring enrollment is **October 15, 2023** and for the 2024 fall enrollment is **January 1, 2024**. GRE is not required for the application.

Interested applicants are encouraged to contact Dr. Yi Qiang ([qiangy@usf.edu](mailto:qiangy@usf.edu)) with their CV and transcripts.

### School of Geosciences