

# Department of Geographic and Environmental Sciences



Our M.S. in Applied Geography is designed to provide students with the analytical skills, technical training, and background knowledge needed to solve real-world problems with geographic dimensions

- Opportunity to work closely with faculty on on-going research projects
- Research currently being conducted in Africa, China, Latin America, and across the United States
- Funding opportunities through competitive University fellowships, research assistantships, and teaching assistantships
- Broad range of expertise including: human-environment relations, climate change, political geography, urban geography, spatial science, hazards, critical cartographies, food justice, and development geography



- Ranked 2<sup>nd</sup> Best Geography School in Kentucky, 82<sup>nd</sup> Nationally
- Fall semester applications are due by **Mar 15 (early) and May 15 (late)**
- Spring semester applications are due by **Nov 15**

We welcome the opportunity to meet with interested students; please contact us below!

## Questions? Would you like more information?

Please contact Dr. Andrew Day Director of Graduate Studies

Email: [a.day@louisville.edu](mailto:a.day@louisville.edu) | Phone: (502) 852-2703

[www.Louisville.edu/geogeo](http://www.Louisville.edu/geogeo) OR

[www.facebook.com/UofLGeographyEnvironment](https://www.facebook.com/UofLGeographyEnvironment)

## Faculty

**Wei Song, Ph.D. (Dept. Chair)**  
Location analysis, transportation geography, urban crime, China

**Andrew Day, Ph.D.**  
Hydrology/water resources, land cover & climate change

**Andrea Gaughan, Ph.D.**  
Human-environment interactions, land change & climate variability, remote sensing

**Scott Gunter, Ph.D.**  
Meteorology, remote sensing of wind, measurements, severe storms, wind hazards

**Jafar Hadizadeh, Ph.D.**  
Structural geology, faulting and fracturing processes, brittle ductile transition, rock mechanics

**Carrie Mott, Ph.D.**  
Political geography, historical geography, settler colonialism, feminist epistemologies

**Jason Naylor, Ph.D.**  
Meteorology, severe storms & tornadoes, tropical cyclone dynamics, numerical modeling

**Maegen Rochner, Ph.D.**  
Human-environment interactions, dendrochronology, biogeography, geomorphology, climate change

**Forrest Stevens, Ph.D.**  
Socio-ecological systems, land systems science, remote sensing

**Kalpna Venkatasubramanian, Ph.D.**  
Political ecology, climate change adaptation, S. Asia

**Margath Walker, Ph.D.**  
Border security, urban geography, cultural production, Latin America

**Charlie Zhang, Ph.D.**  
Spatial demography, crime mapping, race and ethnicity