



Michael Shouse, PhD

Title: Assistant Professor

Department: Geography

Institution: SIUE

Email: mshouse@siue.edu

Phone: 618-650-5004

1. What are your current 3 main areas of research?

- Spatial variability of forest soil depth
- Mapping and modeling invasive exotic plants and threatened and endangered species with GIS, remote sensing, and field sampling
- Multidisciplinary geospatial collaborative work, including modeling archaeological features, modeling multi-modal energy movements, developing a web-based safest routing tool, and developing a statewide geodatabase for intersections.

2. What are the top 3 areas of expertise/tools you are looking for in a research collaborator?

- Database management
- Server management
- Ideas that require spatial analysis

3. What 3 skills/tools that you have access to, are you willing to share with a potential research collaborator?

- GIS, GPS, Remote sensing
- Python scripting
- Spatial statistics