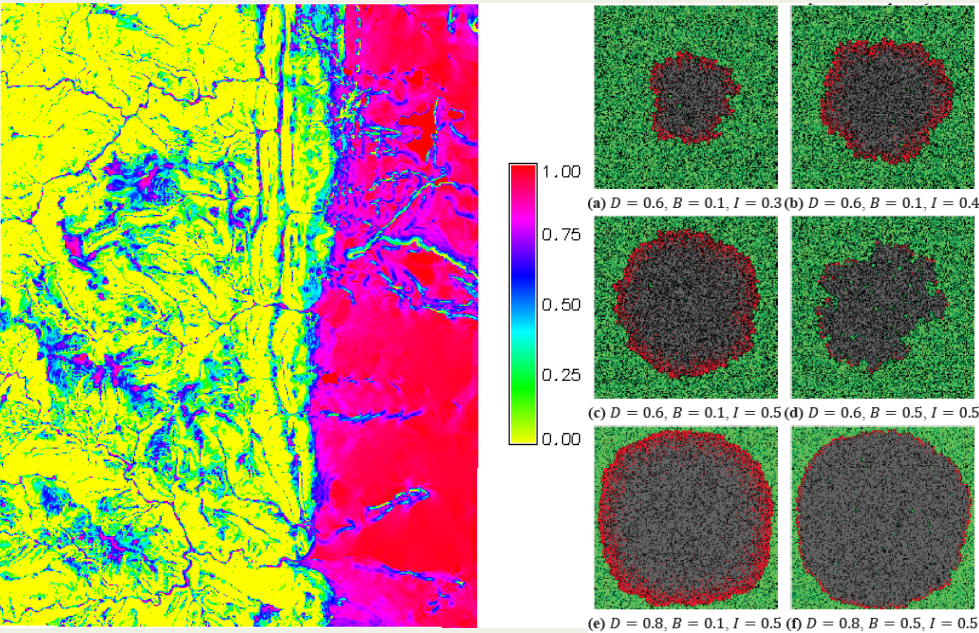


GEOG 5160/6160: Spatial Modeling with GIS



The power to model complex environmental systems in a geospatial framework is one of the great assets of GIS. This course integrates the fundamental operations of spatial analysis and GIS into a modeling framework.

Subjects covered include:

- Fuzzy logic and cartographic modeling
- Spatial interaction modeling
- Cellular automata and agent-based models
- Dynamic raster models

