[AM-03] Data Exploration & Spatial Statistics

Abstract

The topics in this unit involve data exploration and spatial statistics.

Explanation

The topics in this unit involve data exploration and spatial statistics.

1. Cartographic Modeling
2. Exploratory Spatial Data Analysis (ESDA)
3. Geographically Weighted Regression
4. Global Measures of Spatial Association
5. Hot Spots and Getis-Ord Gi* Analysis
6. Kernels & Density Estimation
7. Landscape Metrics
8. Local Measures of Spatial Association
9. Multi-Criteria Evaluation
10. Point Pattern Analysis
11. Regression Fundamentals
12. Spatial Filtering Models
13. Spatial Interaction
14. Spatial Sampling for Spatial Analysis
15. Spatial Statistics