**InstructionalDay:** 11

**Topic Description:** In this lesson students use the data they have collected and additional contextual data sets to do spatial analysis for use in the final project.

**Objectives:**

The students will be able to:

* Analyze the data they have collected using spatial analysis techniques.

**Outline of the Lesson:**

* Create spatial plots with student generated and contextual data sets (55 minutes)

**Student Activities:**

* Groups create spatial plots and use spatial analysis techniques with the data they have collected and additional contextual data sets.

**Teaching/Learning Strategies:**

* Students work in their groups to analyze the spatial aspects of the data they have collected pulling in the additional contextual data sets as appropriate.

**Resources:**

* Student data
* Additional contextual data sets