Project 10: Dot Density Maps/Isopleth Maps

Points: 50 Points

Task 1: Create a dot density map using data that can be appropriately symbolized using this method. Deliver the map in PDF format.

Rubric:

- ❖ The layout and map are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The data source(s) should be cited on the map layout. (2.5 Points)
- ❖ Make sure to include a well-designed legend. (5 Points)
- ❖ Include a title and your name. (2.5 Points)
- ❖ Make sure to use appropriate dot symbol, dot size, dot color, and density. (5 Points)

Task 2: Create an isopleth map using data that can be appropriately symbolized using this method. Use something other than elevation. Deliver the map in PDF format.

Rubric:

- ❖ The layout and map are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The data source(s) should be cited on the map layout. (2.5 Points)
- ❖ Label isolines to improve the interpretability of the map. (5 Points)
- ❖ Include a title and your name. (2.5 Points)
- ❖ Make sure to use appropriate interval, generalization, and line symbology. (5 Points)