

Project 8: Choropleth Mapping Part 2

Points: 50 Points

Task 1: Create a choropleth map that shows nominal or categorical data using a nominal color scheme. Examples include land cover, soil types, zoning, and vegetation types. Include insets to show the data in more detail and also a study area inset map. Deliver the result in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- ❖ The layout and maps are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. The data should represent categories. (5 Points)
- ❖ The data source(s) should be cited on the map. (2.5 Points)
- ❖ Make sure to include a well-designed legend. (5 Points)
- ❖ Include a title and your name. (2.5 Points)
- ❖ Include some inset maps to show the data in more detail (show a specific area). These inset maps should be well designed and placed. (5 Points)
- ❖ Include an inset map to show the data extent in a larger geographic context. The inset map should be well designed and placed. (5 Points)

Task 2: Make a layout to compare a classified map (using a classification method of your choosing) to an unclassified map (using a color stretch). Both maps should be on the same layout. Make sure they are appropriately labeled and you use data that can be adequately symbolized using colors. Deliver the result in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- ❖ The layout and maps are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. The data should be normalized in some way. (5 Points)
- ❖ The data source(s) should be cited on the map layout. (2.5 Points)
- ❖ Make sure to include well-designed legends. (5 Points)
- ❖ Include a title, your name, and label each map. (2.5 Points)