



Geographic Information Systems (GIS)

Your Open Source Map

Name: _____

Section: _____

Score: ____/5

Directions: You will be using an open data source to download and create a map of your own. You can use data sources from your own country but just make sure the information shows up in English on your map.

Instructions: Use one of the open data sources below to find data to make a map of your own. You can navigate to them using the urls listed next to them or by following links on the class website.



ArcGIS OpenData - <http://opendata.arcgis.com/>

Minnesota Geospatial Commons - <https://gisdata.mn.gov/>

Open Ramsey (Ramsey County Minnesota) - <http://openramsey.ramseygis.opendata.arcgis.com/>

Helpful Hint – When searching data through an open database filter your search to only show geospatial data, many governments will have literally thousands of datasets that will not be able to be mapped so it is best to refine your search to include only information that has geographic data attached to it.

Publishing your Map

1. Left click on the  Share button on the top bar
2. Choose to share it with Everyone (Public)
 - a. This will make it so anyone anywhere can see your map, so do not include any personal information you do not want shared!
3. Copy the link and use it to direct people to your map from the class forum
4. Finally scroll down and click the  button
 - a. To make any changes to your map you can always go back and make your changes and then just re-save your map, you do not need to re-publish your map

Scoring Guidelines

____/1 **Completion**

- Map is completed and posted on time
- Post maps to GIS Class Forum post titled “Your Open Source Map”

____/3 **Style**

- Map is configured and customized to be clean and easy to read
- Pop-ups make information easy to read
- Basemap compliments data being shown
- Legend is informative and easy to read

____/1 **Thought Questions**

- Answer thought questions on the back of this page

Thought Questions

1. What does your map show and how is it helpful?
2. What are some problems or questions you have about adding data from open sources?
3. How will the information and techniques you learned today be helpful to you in the future? (In this class, as you continue your education, or in your future career)