Module 3

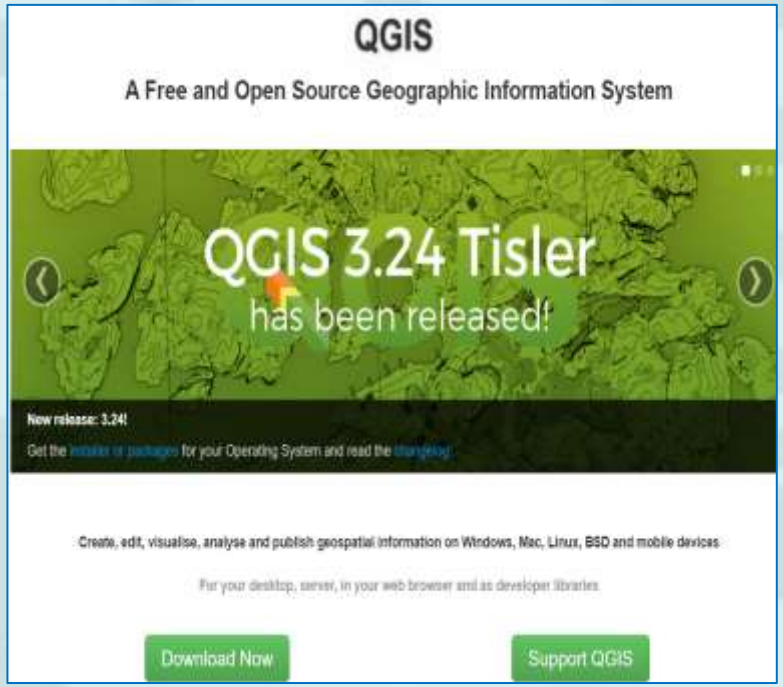
Symbology and Geo-Visualization

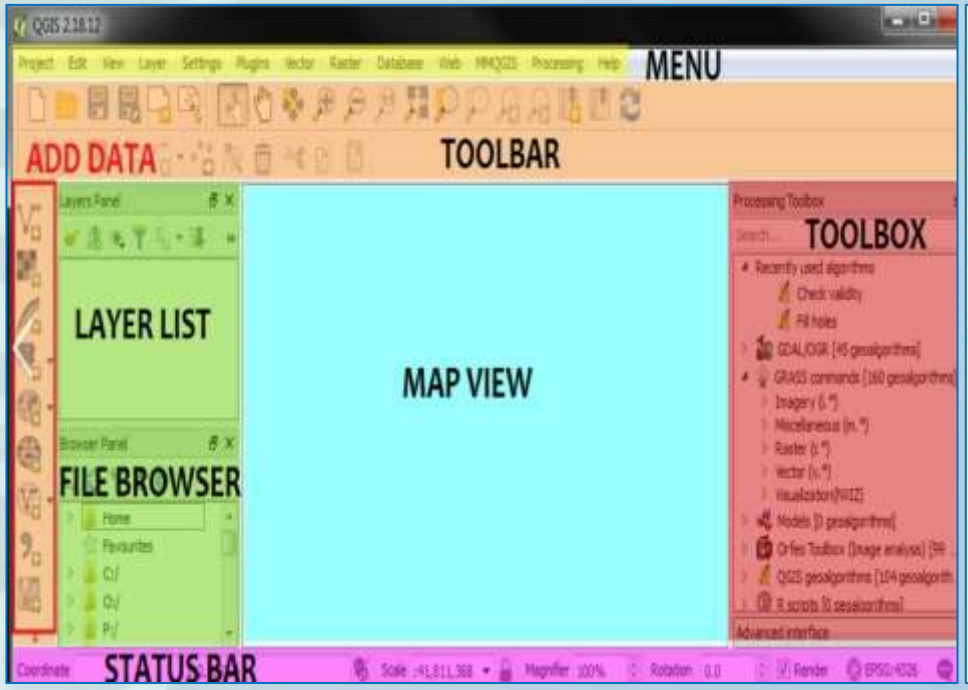
Recap from Module 2

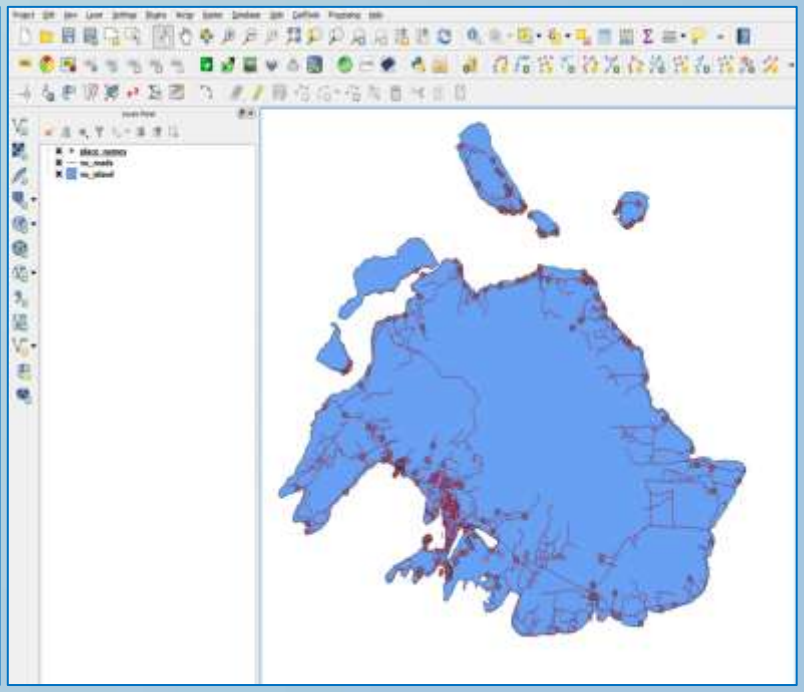
1. Download and Installing QGIS Software

2. Understanding the QGIS interface

3. Adding spatial data and navigating on map view





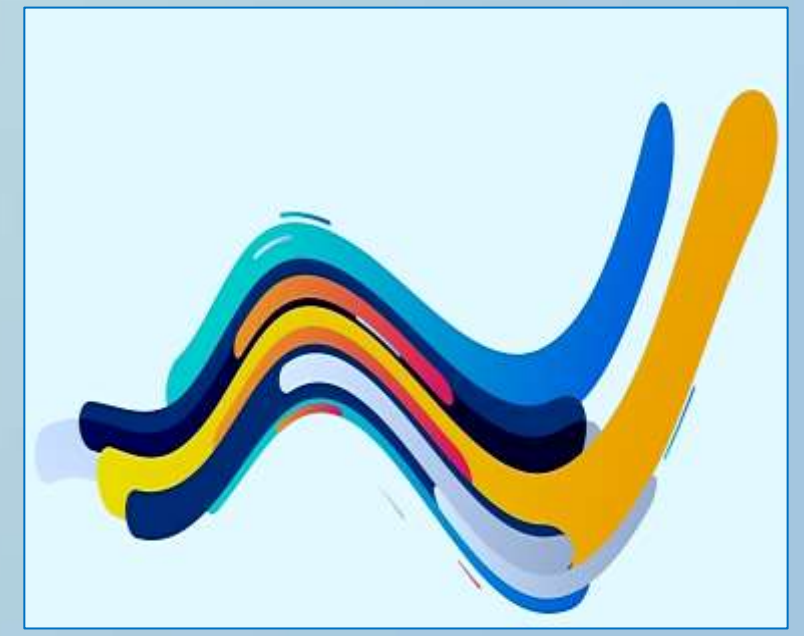


4. Create QGIS Project and Saving Project

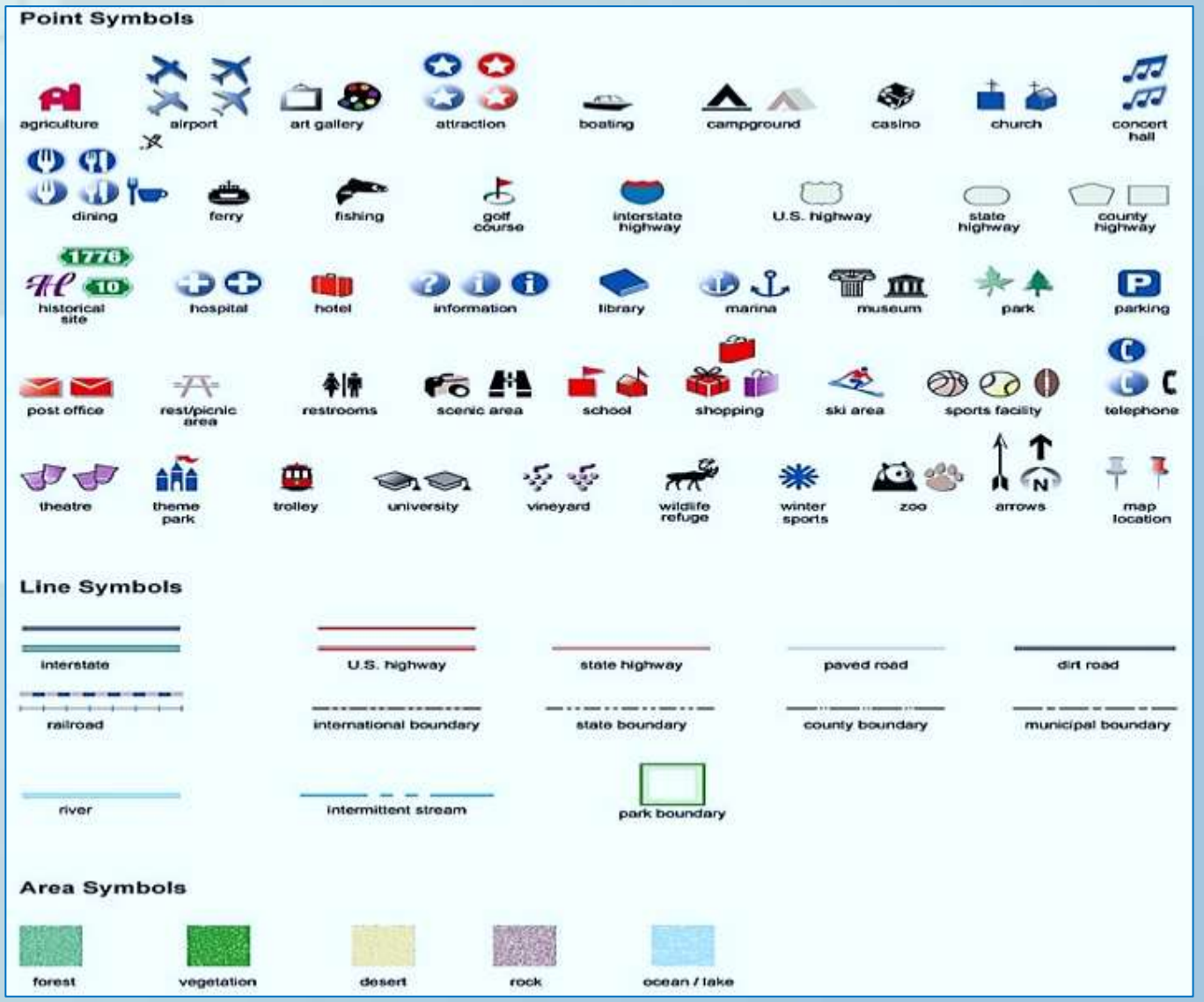
Learning Objectives

- What is Symbology?
- Map Symbols
- Type of Symbology
- Changing Symbology for Datasets
- Saving and Opening Project

What is Symbology?



Map Symbols



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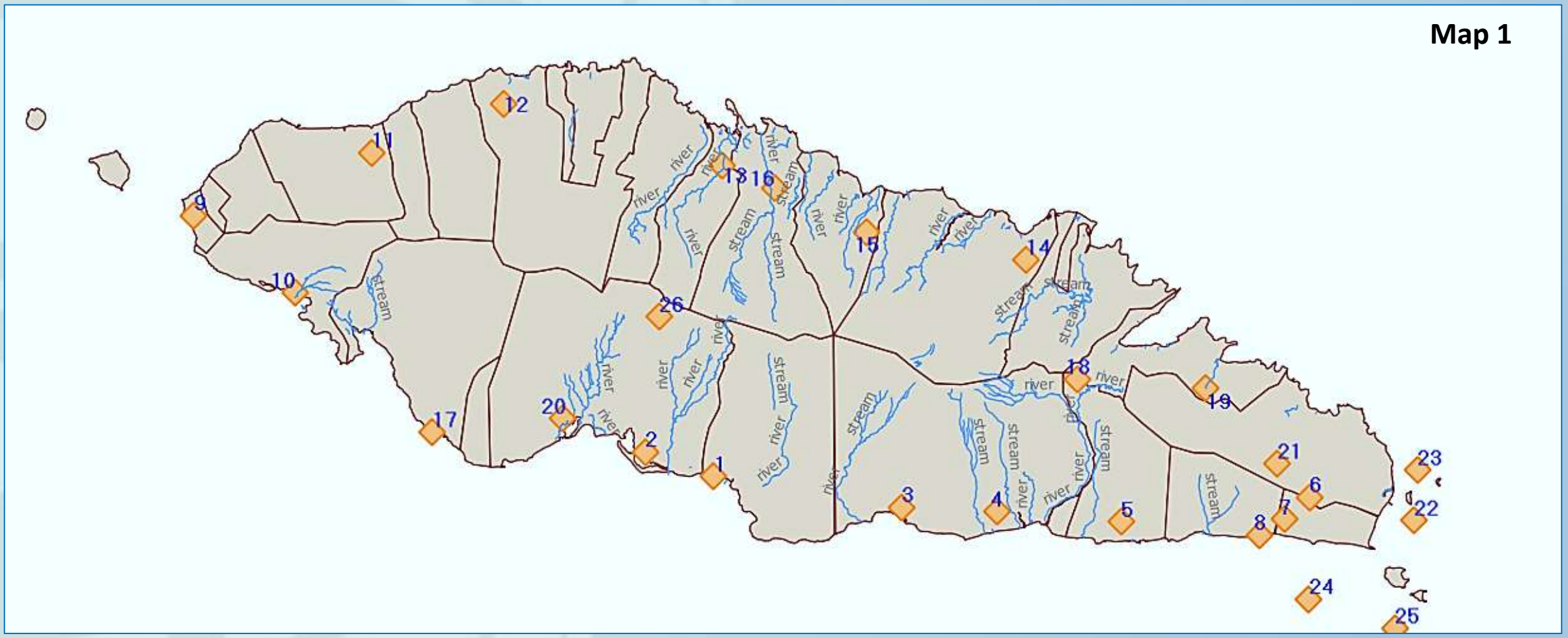
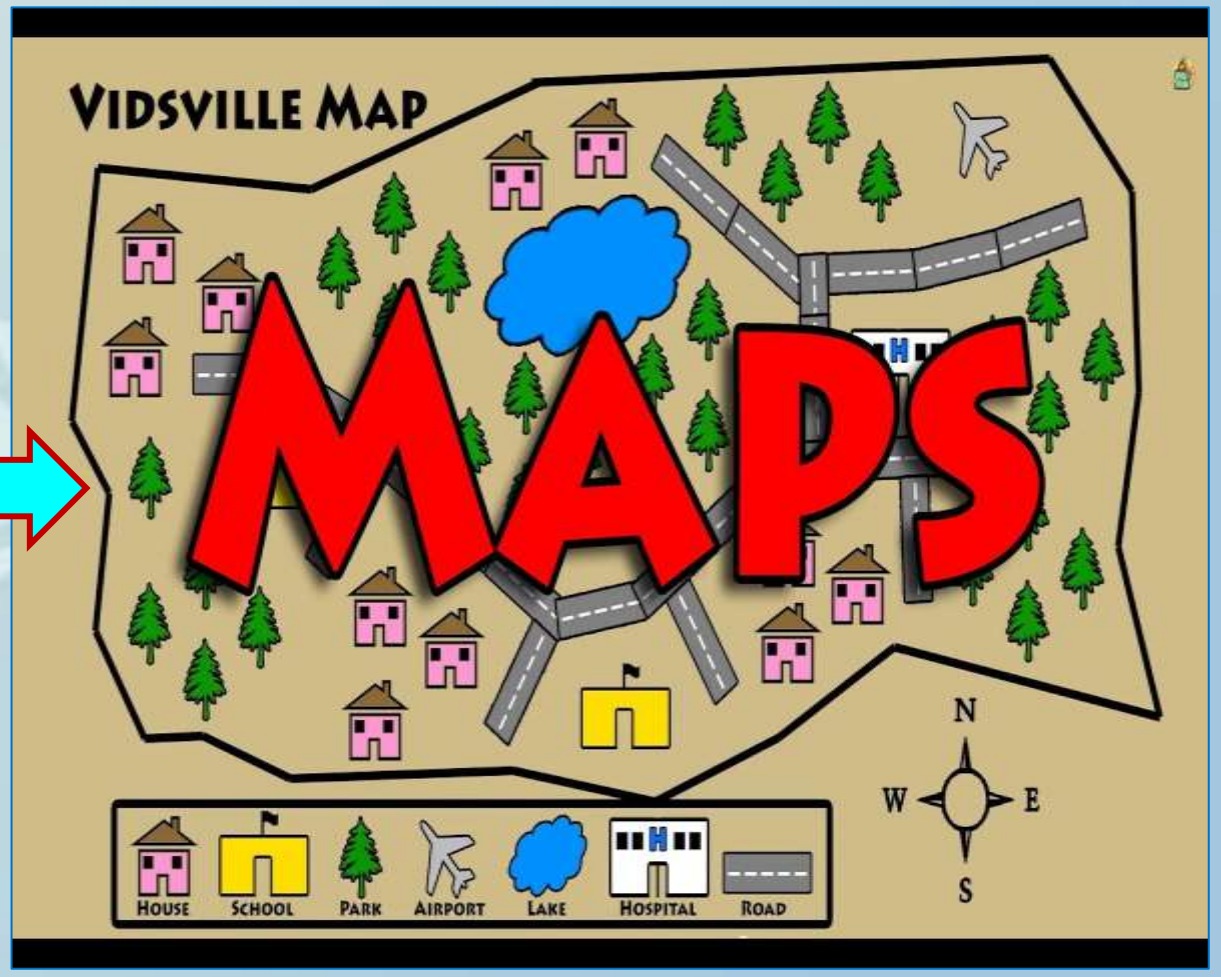
Map 1



This map shows the Samoa district boundary and Tsunami sites with proximity to nearby waterways.



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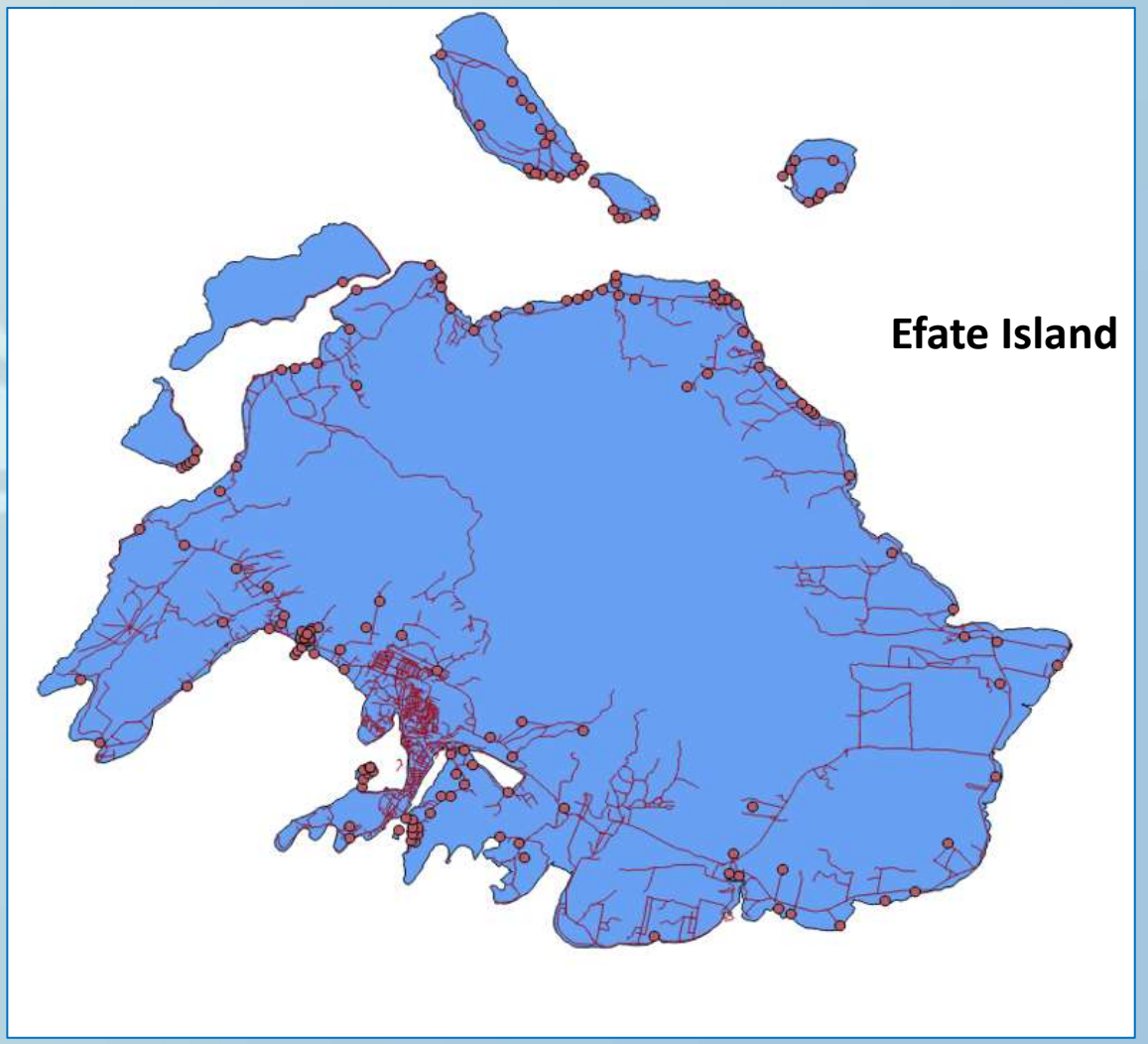
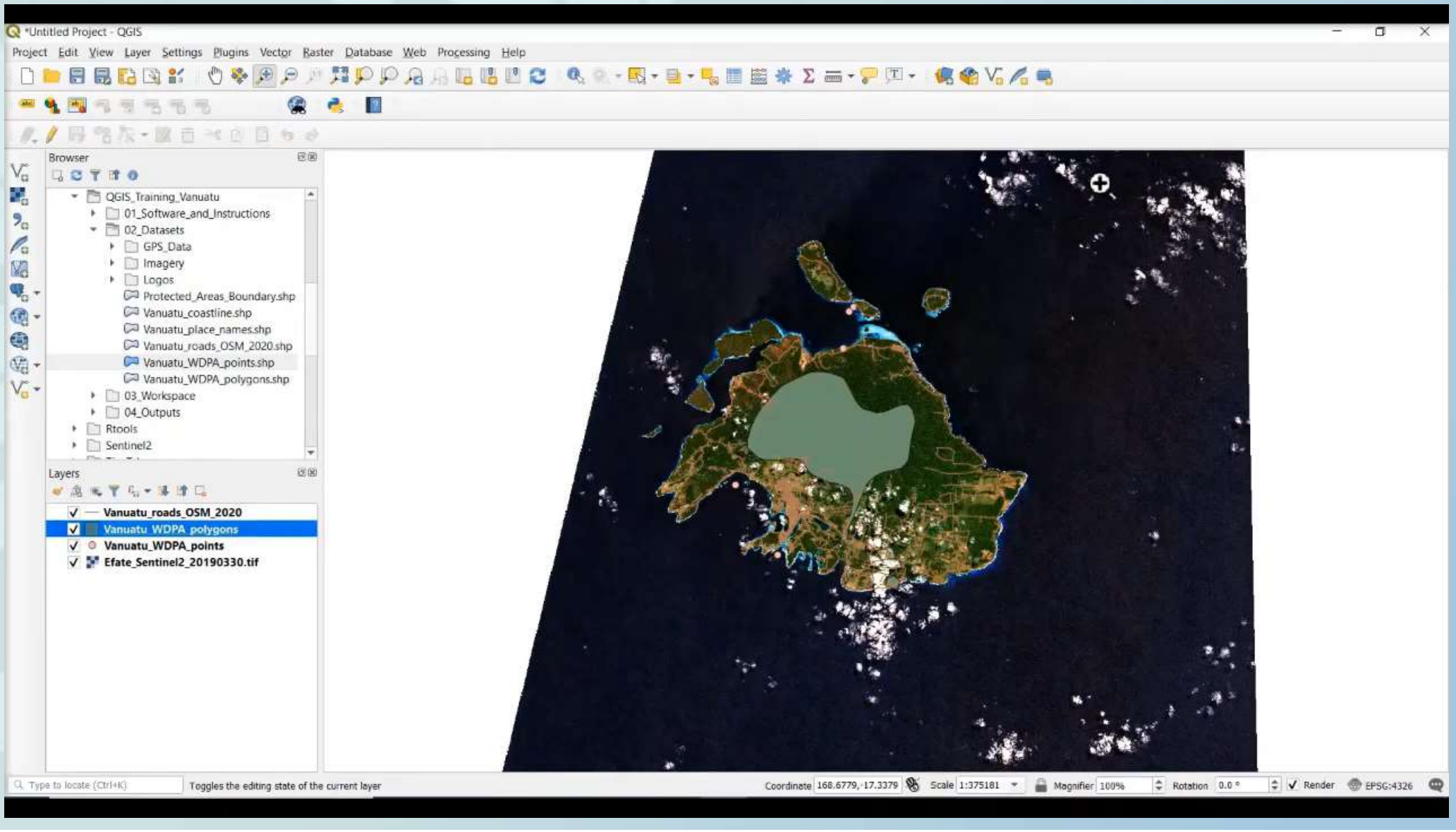
Changing Symbology for Datasets

- Changing the Display of Layers
- Apply simple symbology to vector layers
- Symbolize data by attributes
- Apply transparency to map layers

Vanuatu





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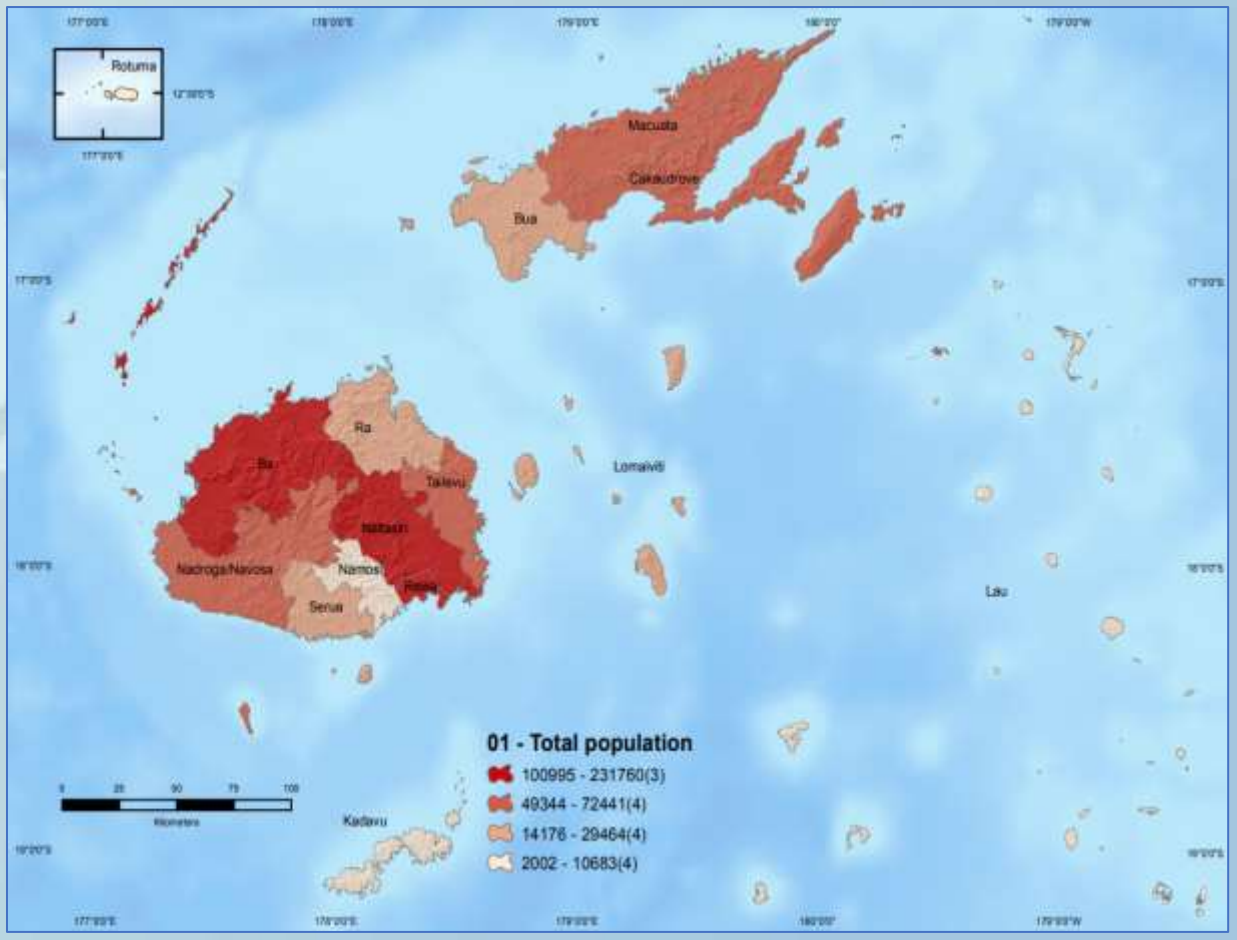
In Summary

- Having a dynamic visual representation of the data you are working with.
- Visual appearance and symbology of the layers on a map is imperative.
- To produce maps with information that people will be able to use.

2017 Fiji Population Density Map (Province)



Questions

1. What is Symbology and Geo-visualization?
2. What is one way that you can change colors for datasets in QGIS?
3. We can change symbology by attribute data – True OR False
4. Identify one label setting used in the video.