

# Module 3

## Symbology and Geo-Visualization

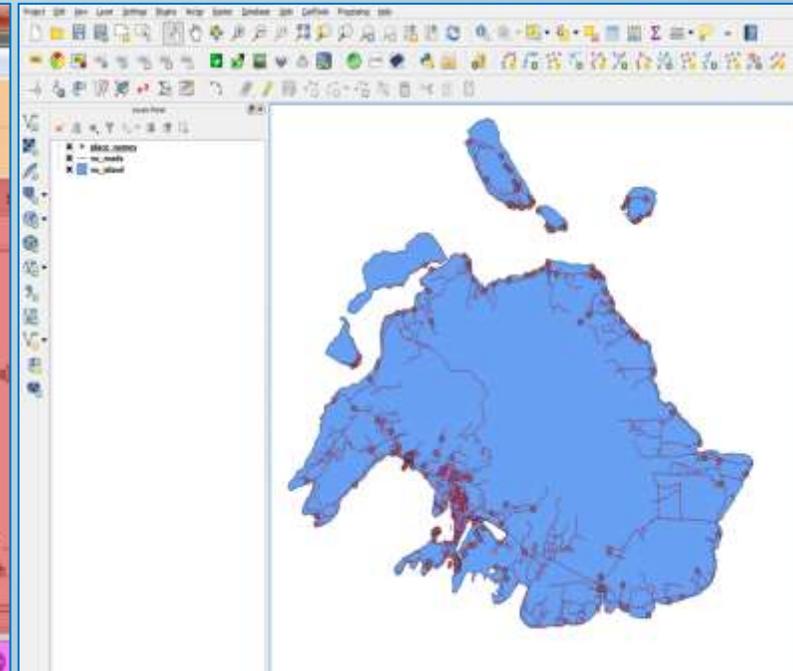
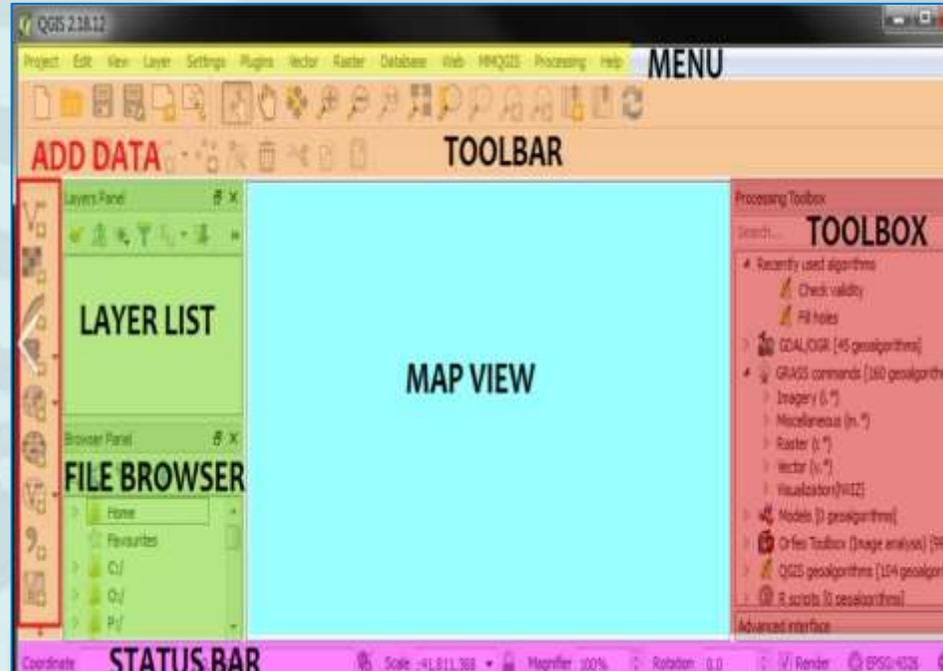
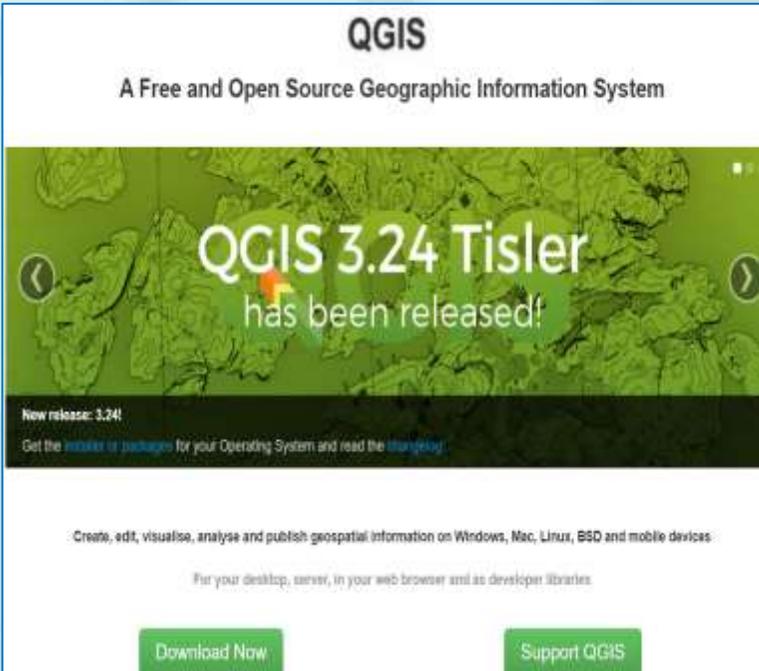


# Recap from Module 2

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

**Point Symbols**

agriculture	airport	art gallery	attraction	boating	campground	casino	church	concert hall	
dining	ferry	fishing	golf course	interstate highway	U.S. highway	state highway	county highway		
historical site	hospital	hotel	information	library	marina	museum	park	parking	
post office	rest/picnic area	restrooms	scenic area	school	shopping	ski area	sports facility	telephone	
theatre	theme park	trolley	university	vineyard	wildlife refuge	winter sports	zoo	arrows	map location

**Line Symbols**

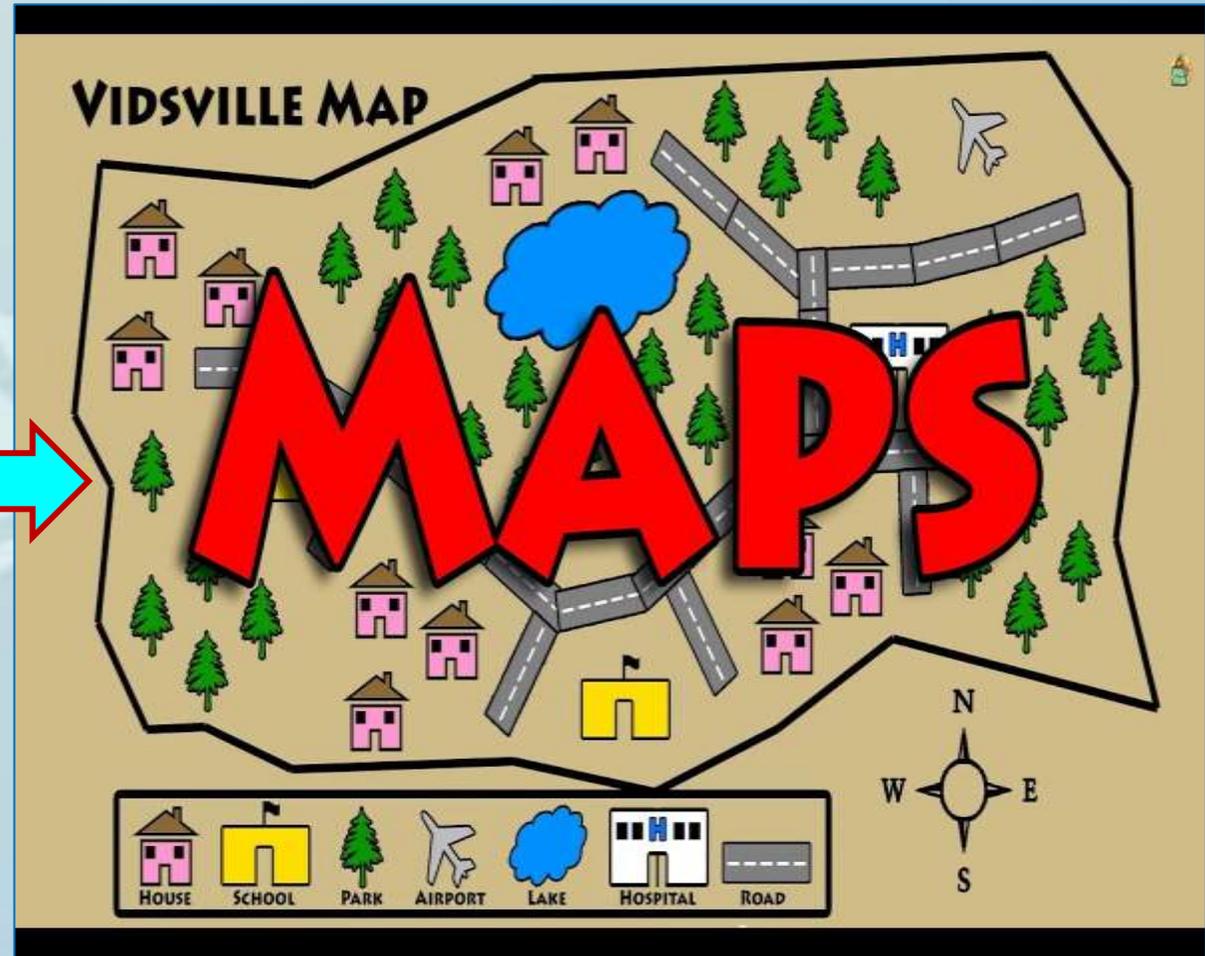
interstate	U.S. highway	state highway	paved road	dirt road
railroad	international boundary	state boundary	county boundary	municipal boundary
river	intermittent stream	park boundary		

**Area Symbols**

forest	vegetation	desert	rock	ocean / lake
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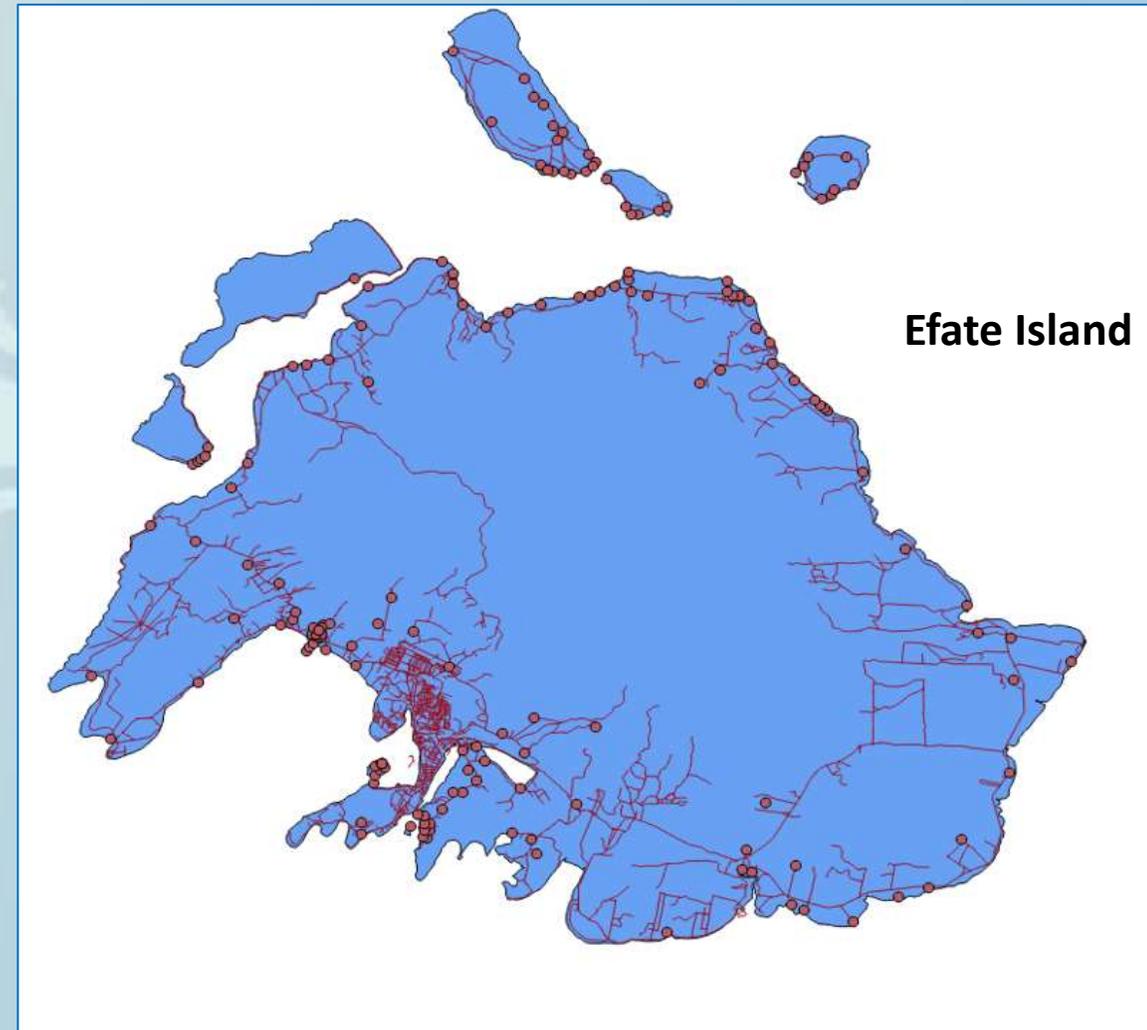


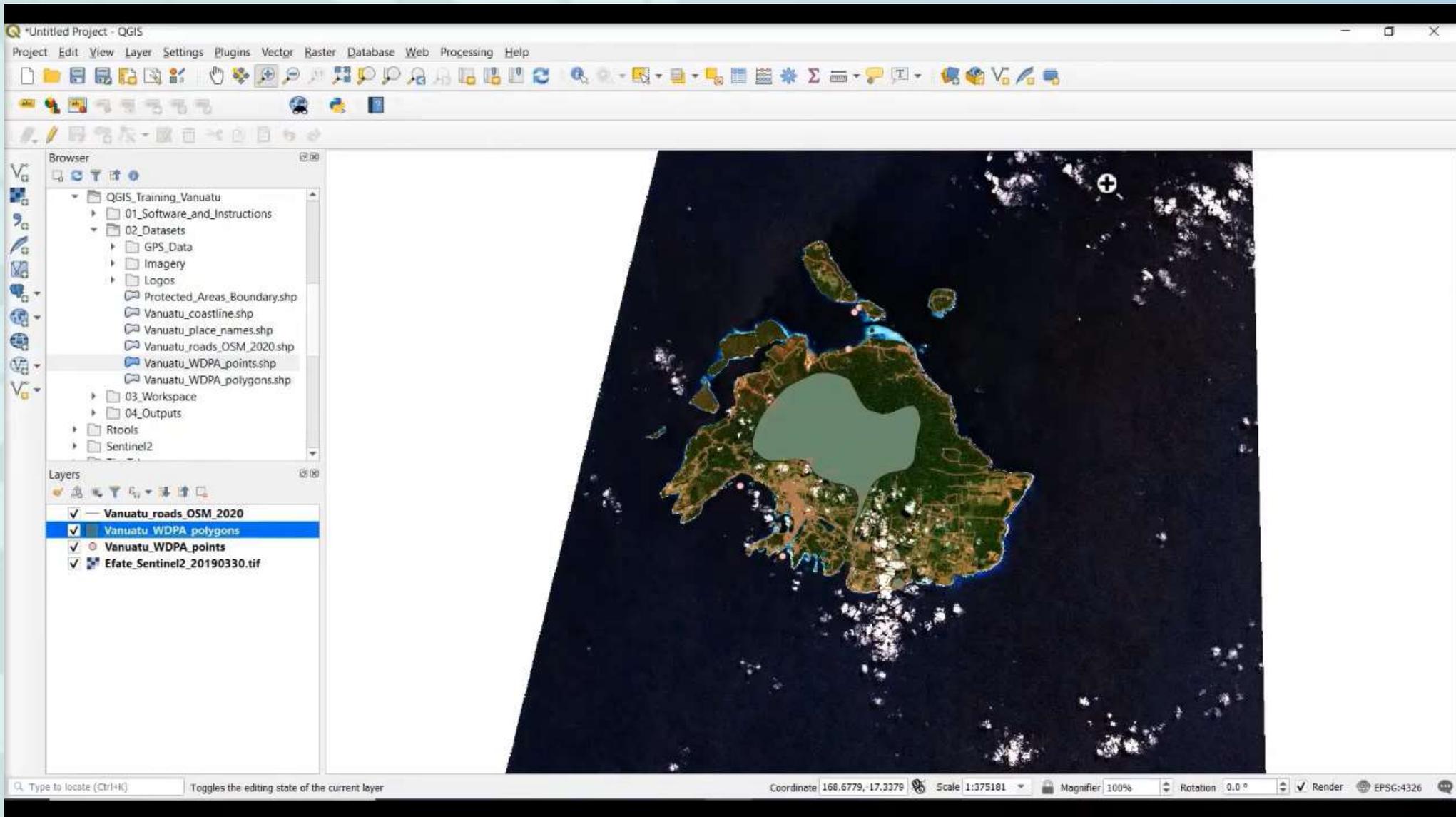


# Changing Symbology for Datasets

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

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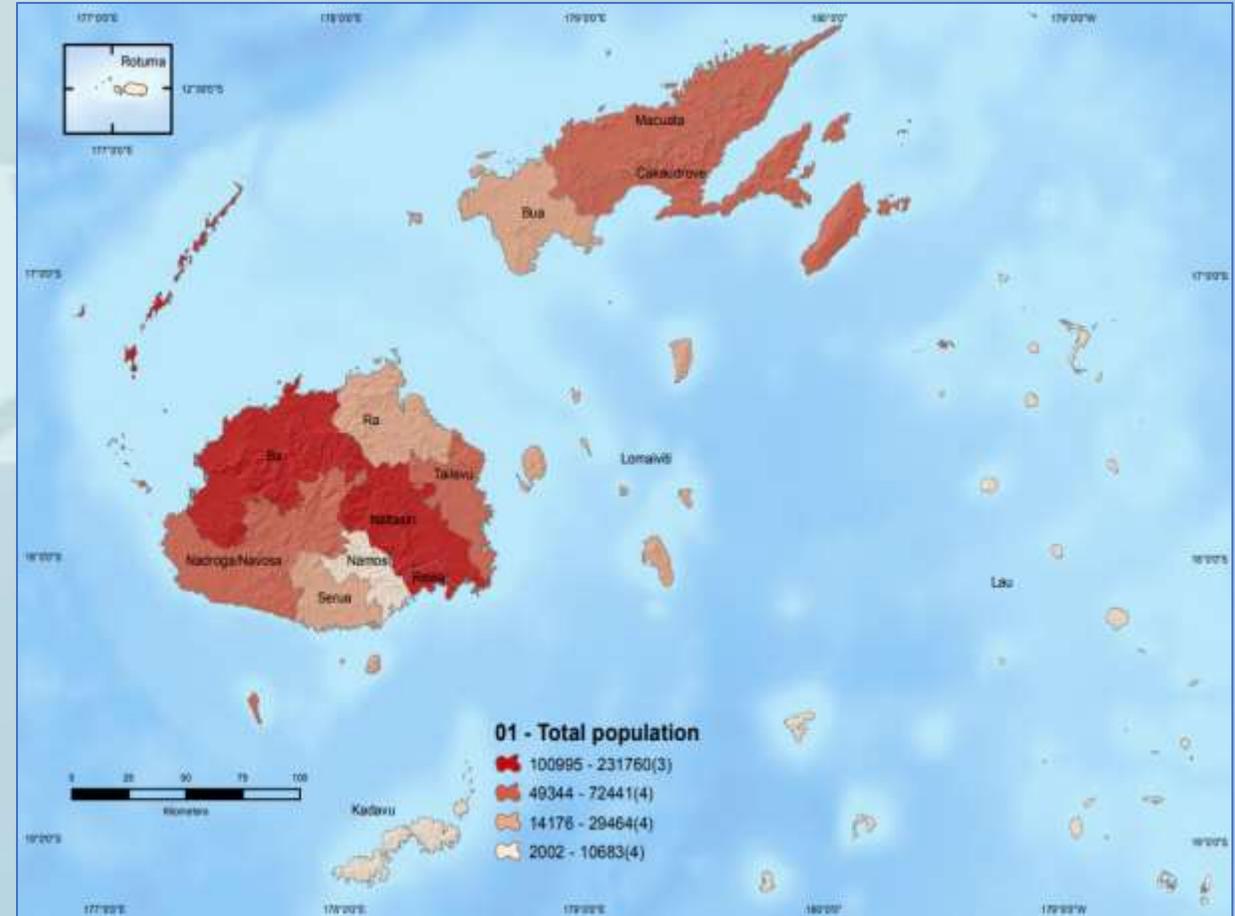




# In Summary

- 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.

