Com Dev Community of Practice QGIS Tutorial

Objectives:

1. Gain familiarity with geographic data types (vector and raster).
2. Be introduced to common sources of spatial data (GADM, Tiger, Earth Explorer, GEE).
3. Gain hands-on experience with creating a QGIS project, adding data, and creating a chloropleth map to display data visually.

Steps:

1. Identify and download datasets
2. Create QGIS project
3. Import Shapefile
   1. Layer > Data Source Manager > Vector
4. Import Rasters files
   1. Layer > Data Source Manager > Raster
5. Run Zonal Statistics
   1. Processing > Toolbox > Raster analysis > Zonal statistics
6. Create Chloropleth Map
   1. Right Click Layer > Properties > Symbology > Graduated