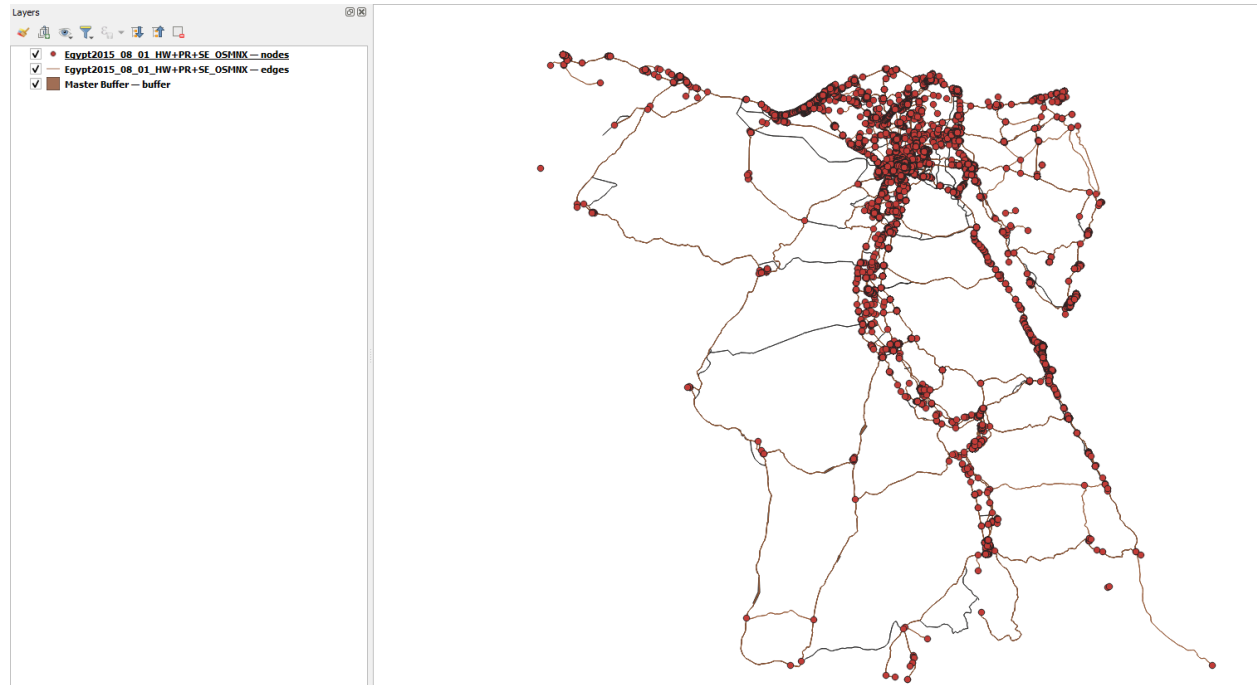


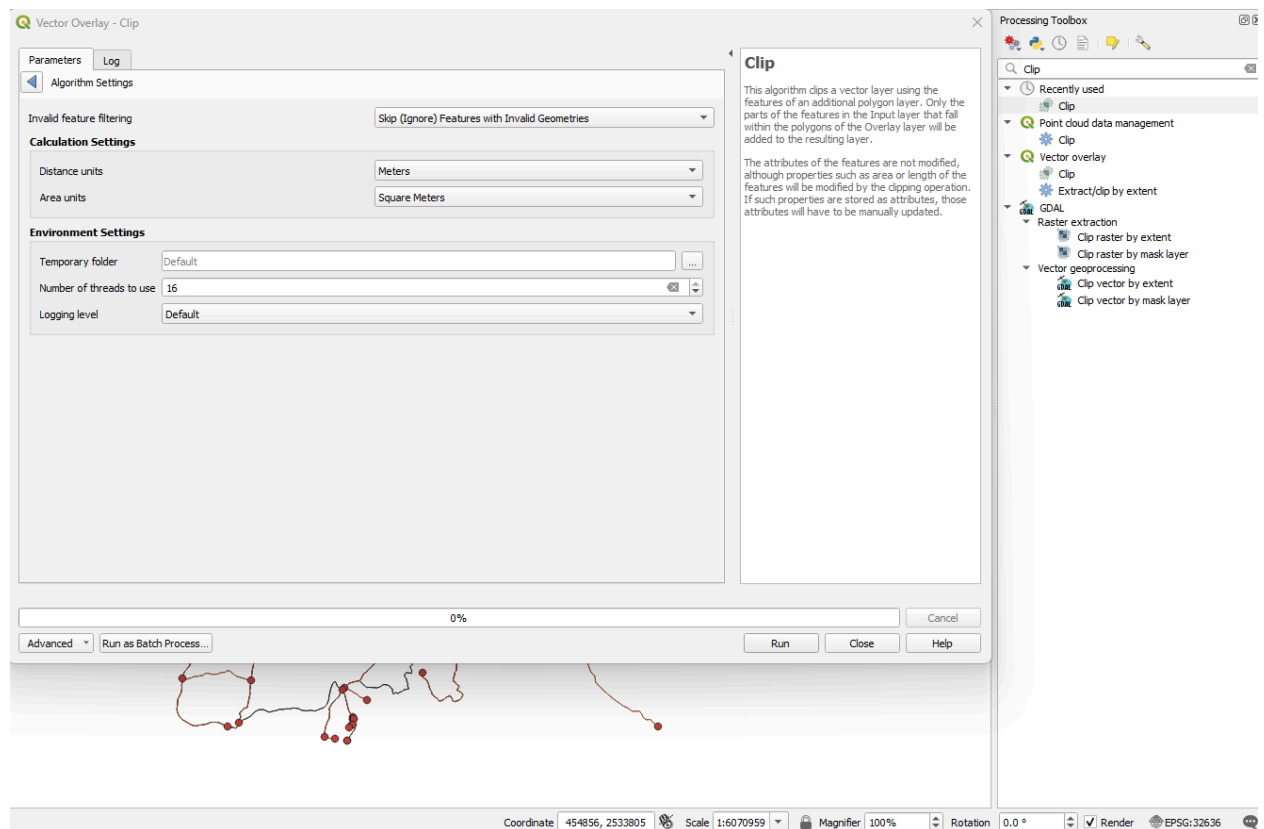
Step 1: Import OSMNX geopackage files into QGIS after download through Code File.ipynb

Step 2: Load the Master Buffer.gpkg file included in Github repository.

Step 3: Import both layers into QGIS:



Step 4: Clip the both layers of the road network vector using the “Clip” function from QGIS’s Processing Toolbox. In case of errors, click on “Advanced” on the bottom left corner of the window and change the “Invalid Feature Filtering” to “Skip (Ignore) Features with Invalid Geometries.”



Step 5: Save both layers as a geopackage by right-clicking on the layer in the Layers Panel, hovering over “Export”, and clicking “Save Features As”. Select “Geopackage” under Format, select the directory of choice, name the file and call the layer either “edges” or “nodes” depending on which one it is.

Save Vector Layer as...

Format: GeoPackage

File name: ...rd Project Infra\Shapefiles\Egypt\2015\Road Network\Egypt_2015_08_01_Clippped.gpkg

Layer name: edges

CRS: EPSG:32636 - WGS 84 / UTM zone 36N

Encoding: UTF-8

☐ Save only selected features

▶ **Select fields to export and their export options ...**

☒ Persist layer metadata

▼ **Geometry**

Geometry type: Automatic

☐ Force multi-type

☐ Include z-dimension

▶ ☐ Extent (current: none)

▼ **Layer Options**

DESCRIPTION:

FID: fid

GEOMETRY_NAME: geom

IDENTIFIER:

SPATIAL_INDEX: YES

▼ **Custom Options**

☒ Add saved file to map

OK Cancel Help

Step 6: Return to the Code File.ipynb and execute the next step