Workflow QGIS —>

Static Figure Maps

From downloaded data (raster LULC file) convert raster tiles to polygons (slow)

Use biophysical table (in folder with raster) and select appropriate polygons for layer of interest (agriculture, mining, tourism, timber)

Export selected polygons as geoJSON layer (WGS 84 for setting, make sure you save to a location, did this for each individual layer of interest)

Merge polygons into one larger one

If sectioned too much, for visual purposes did 0.0001 degrees buffer, and dissolved results. Repeated this until sufficiently merged

If needed clipped layer by using LULC section as input, CMCC area region as clip shape

Layer is saved as a GeoJSON file and can be used

Shapefiles —>

Download shape file from drive (folder with about 5 files in each open)

Open data in GGIS

If needed clip data to only include selected region

If you want to put several layers as one use merge tool (i.e. timber data was an individual layer for each zone)

If needed add desired data field to attribute table (ex link to popup features)

If only looking at subset of field select fields in attribute table, export as separate layer

Convert file to GeoJSON by exporting it, set WGS84 (can export whole layer or just selected features)

Have geoJSON file which can be used in GIS or web

Raster Layers —>

Only used for mapping

Source was web - already in usable format

Others were converted to shapefiles using methods described in static figure maps method above

Mining Layer —>

Points layer,

Transferred data to google sheets

converted to longitude/latitude coordinates

Imported .csv file to QGIS

Plotted points as layer

Exported layer as geoJSON with method used for other shapefiles