



Mosaicking and clipping of raster files



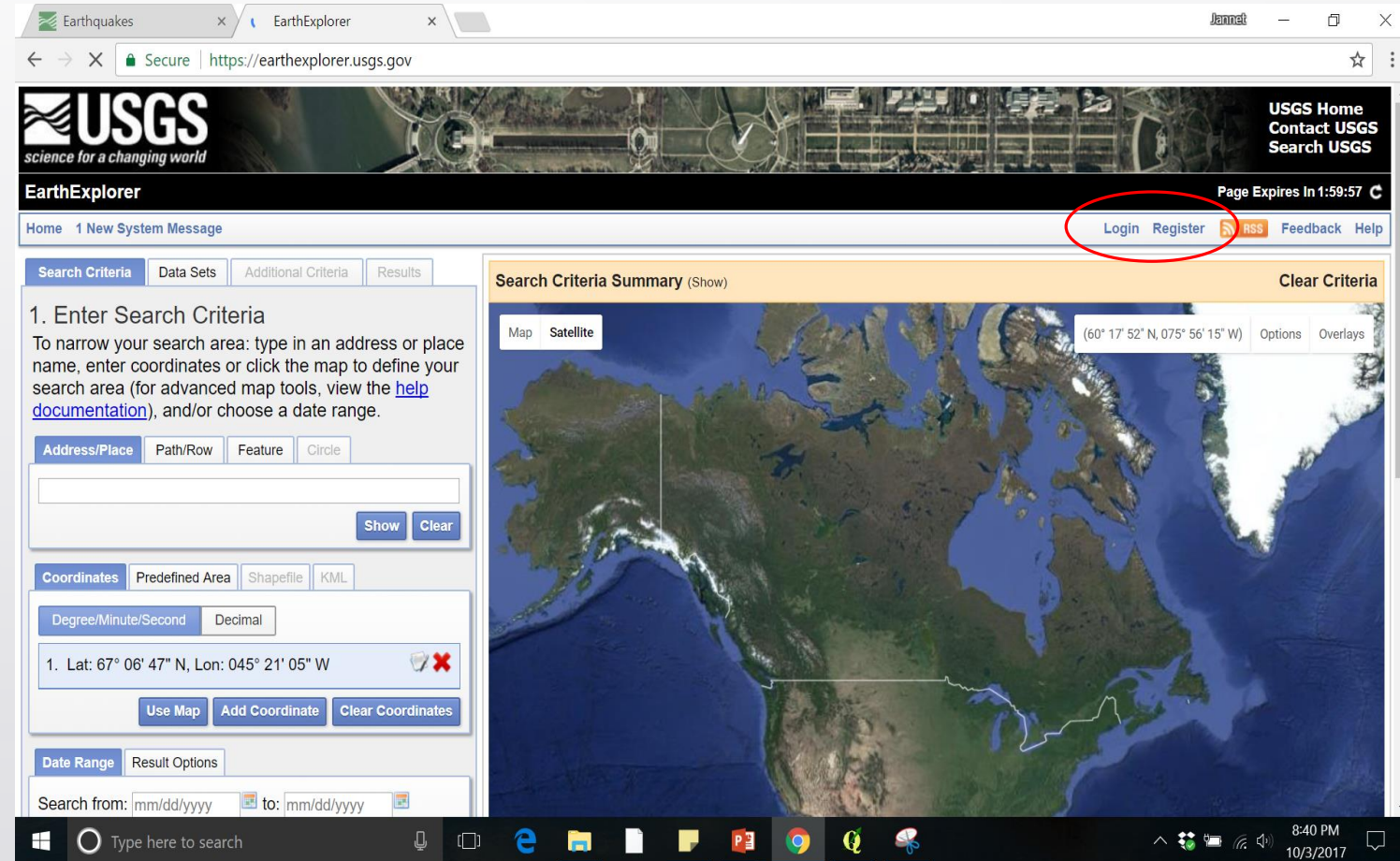
Mosaicking of Raster Files



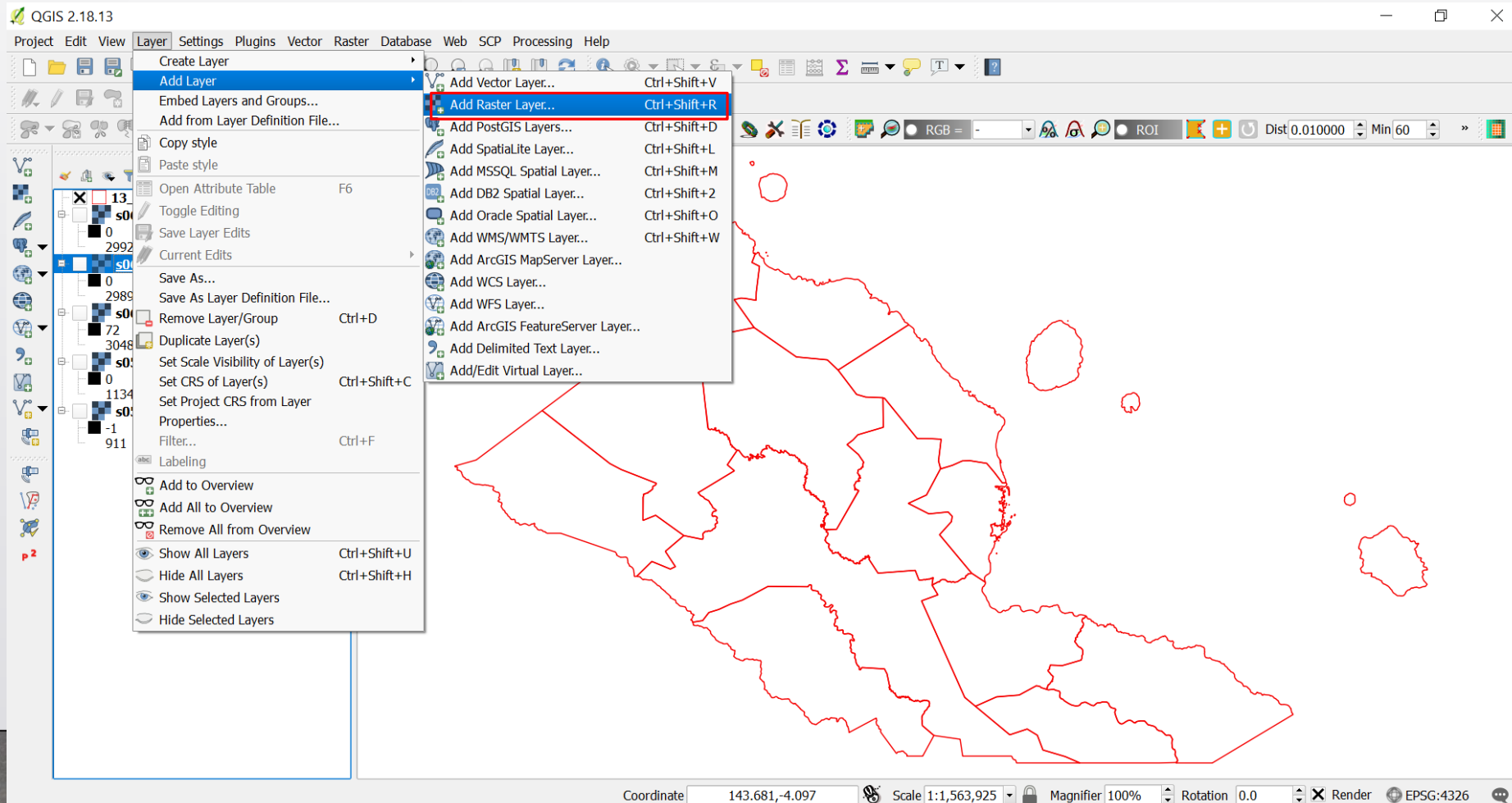
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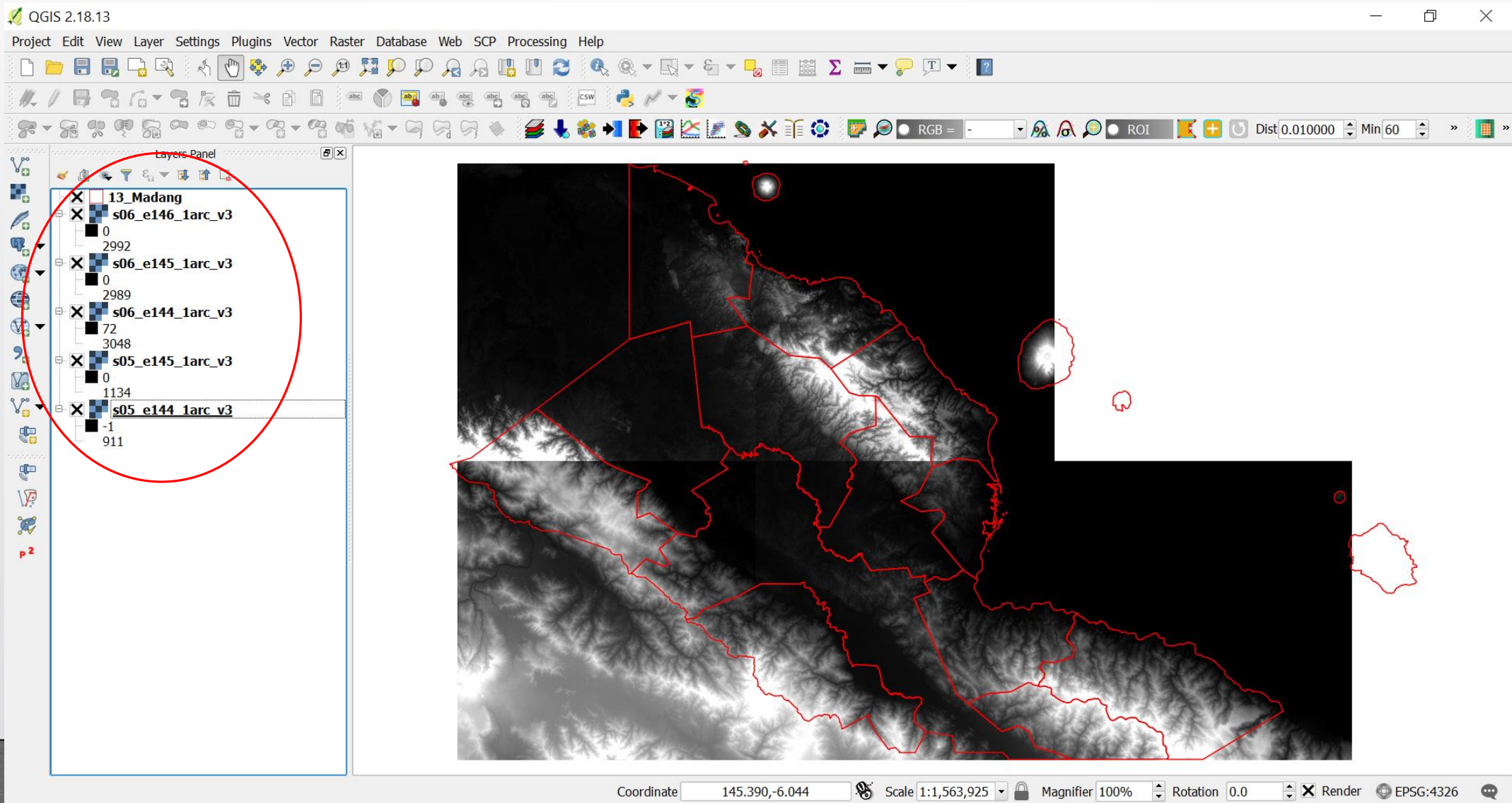
Data Needed: Downloaded from <https://earthexplorer.usgs.gov/>

- Data filenames:
 - s05_e144_1arc_v3.tif
 - s05_e145_1arc_v3.tif
 - s06_e144_1arc_v3.tif
 - s06_e145_1arc_v3.tif
 - s06_e146_1arc_v3
- Data format: raster (Geotiff)
- Data about: DEM

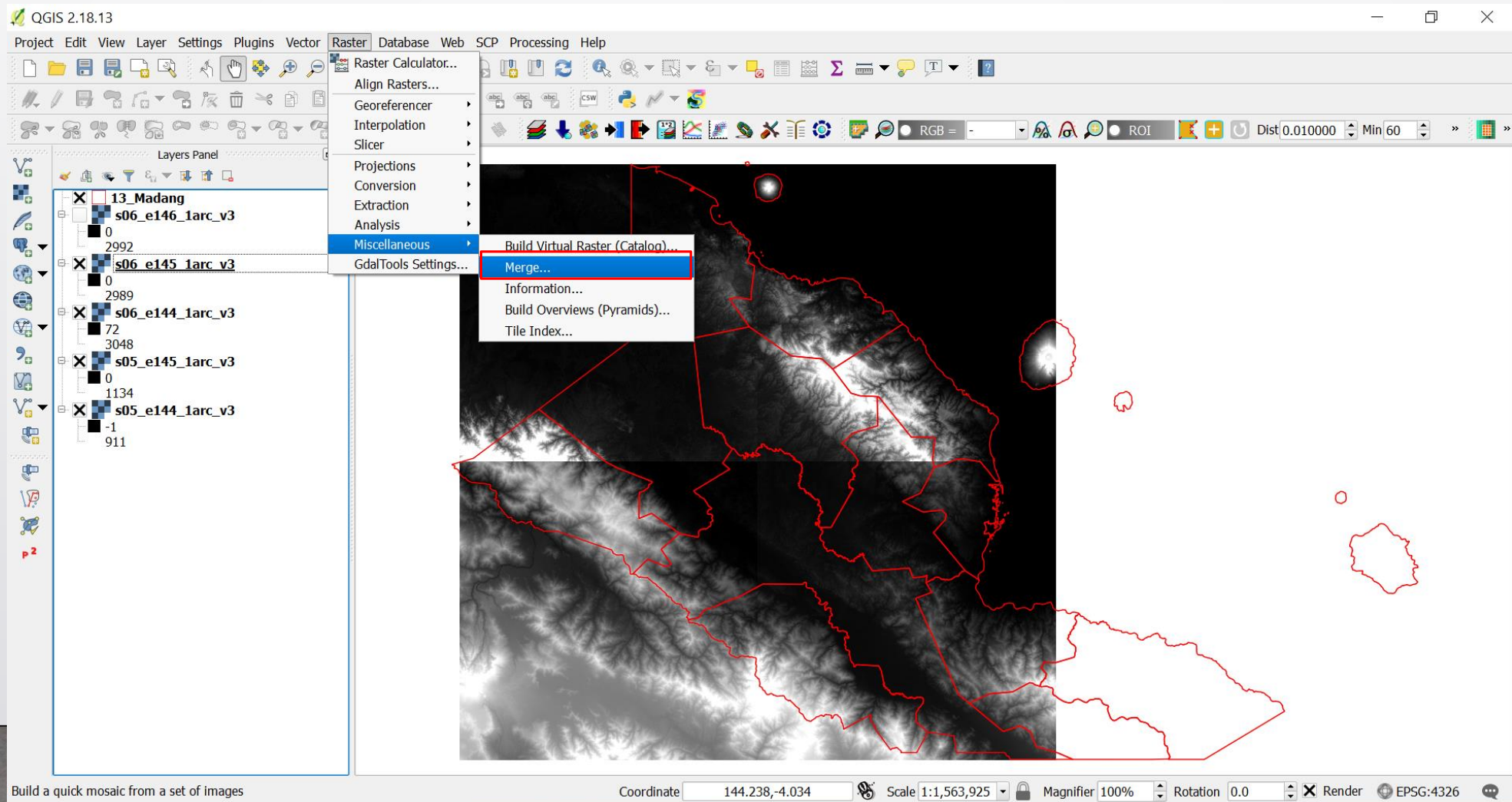


1. Load all SRTM DEM raster layer tiles for mosaicking

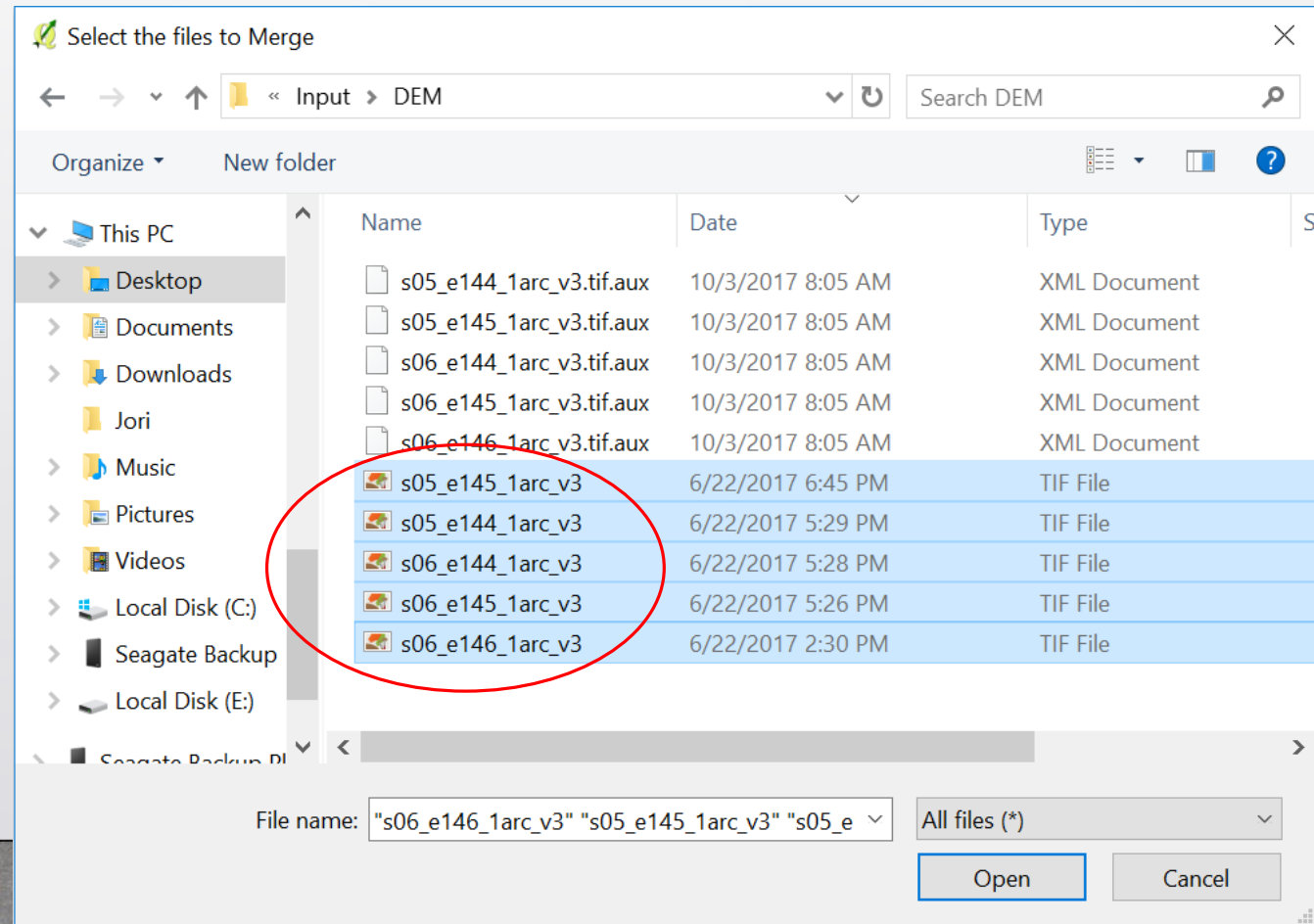
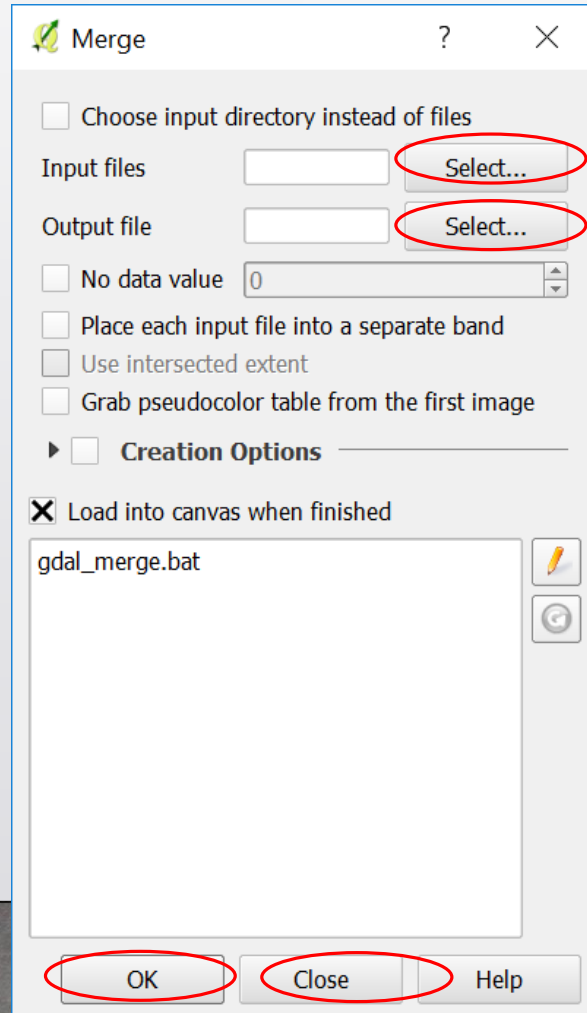


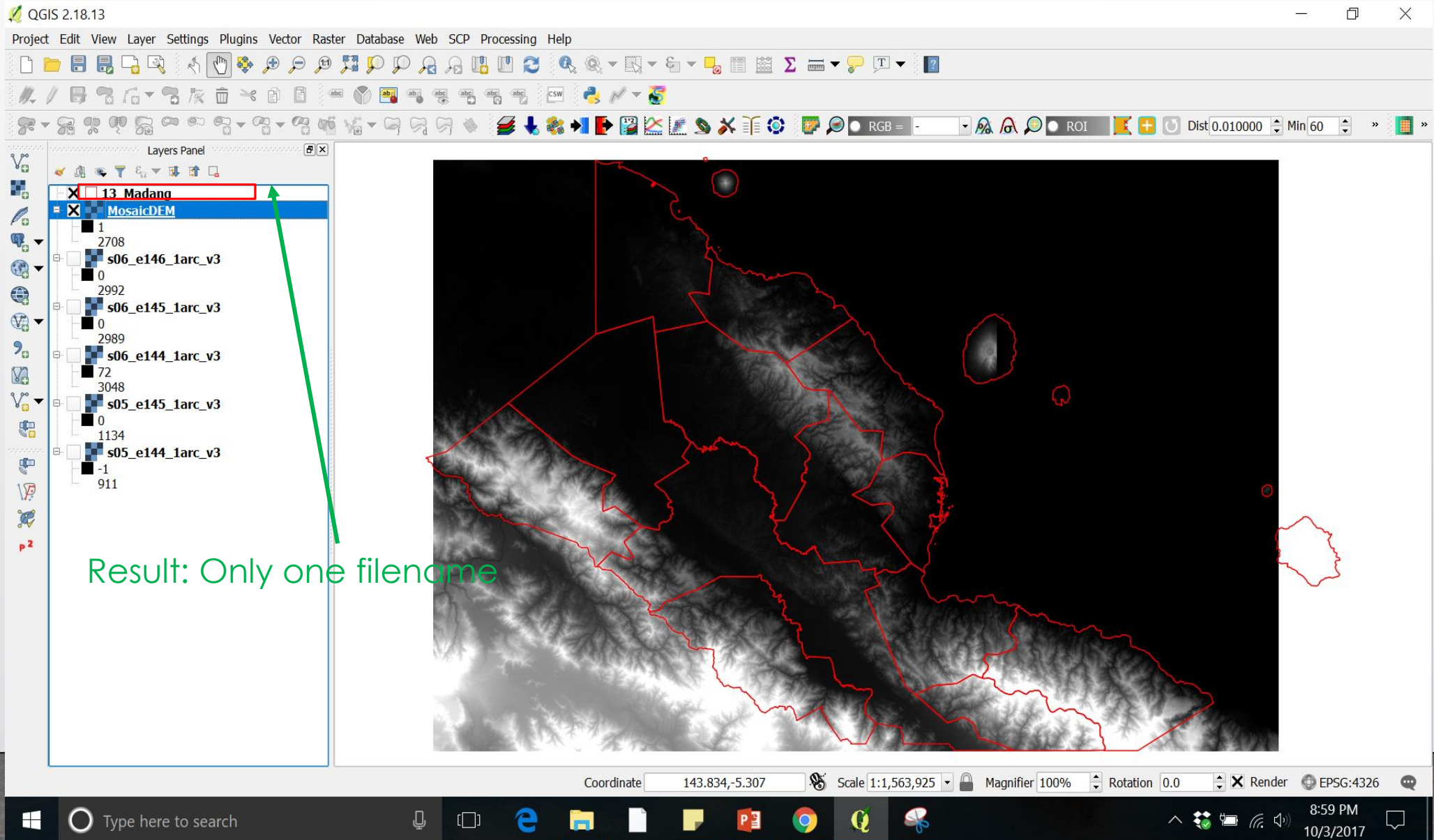


2. Select Merge under Raster menu/Miscellaneous



3. Select all raster layers to merge/mosaic and set parameters in the dialog box

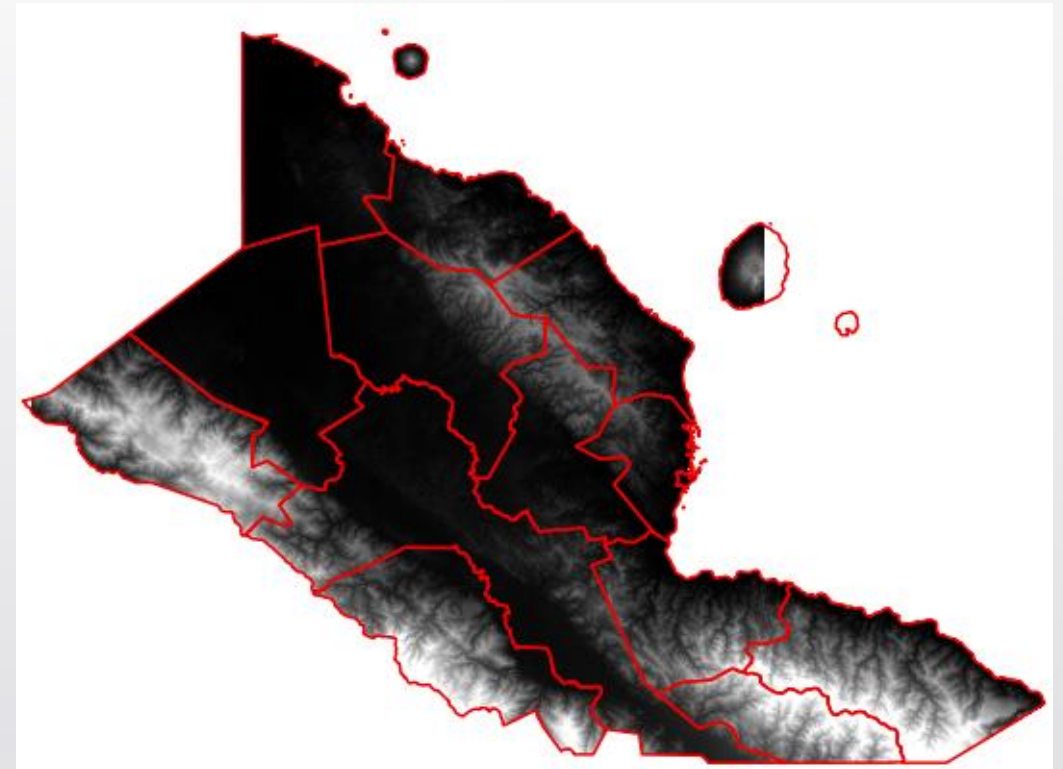
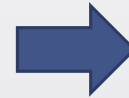
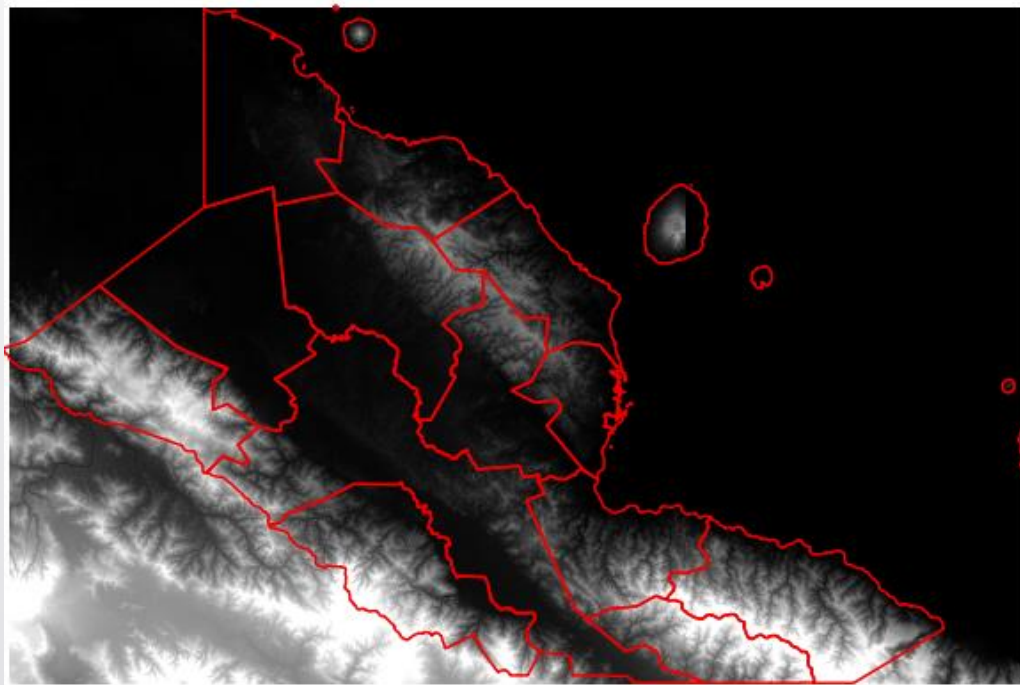






Clipping of Raster File

Clipping of Raster File (illustration)



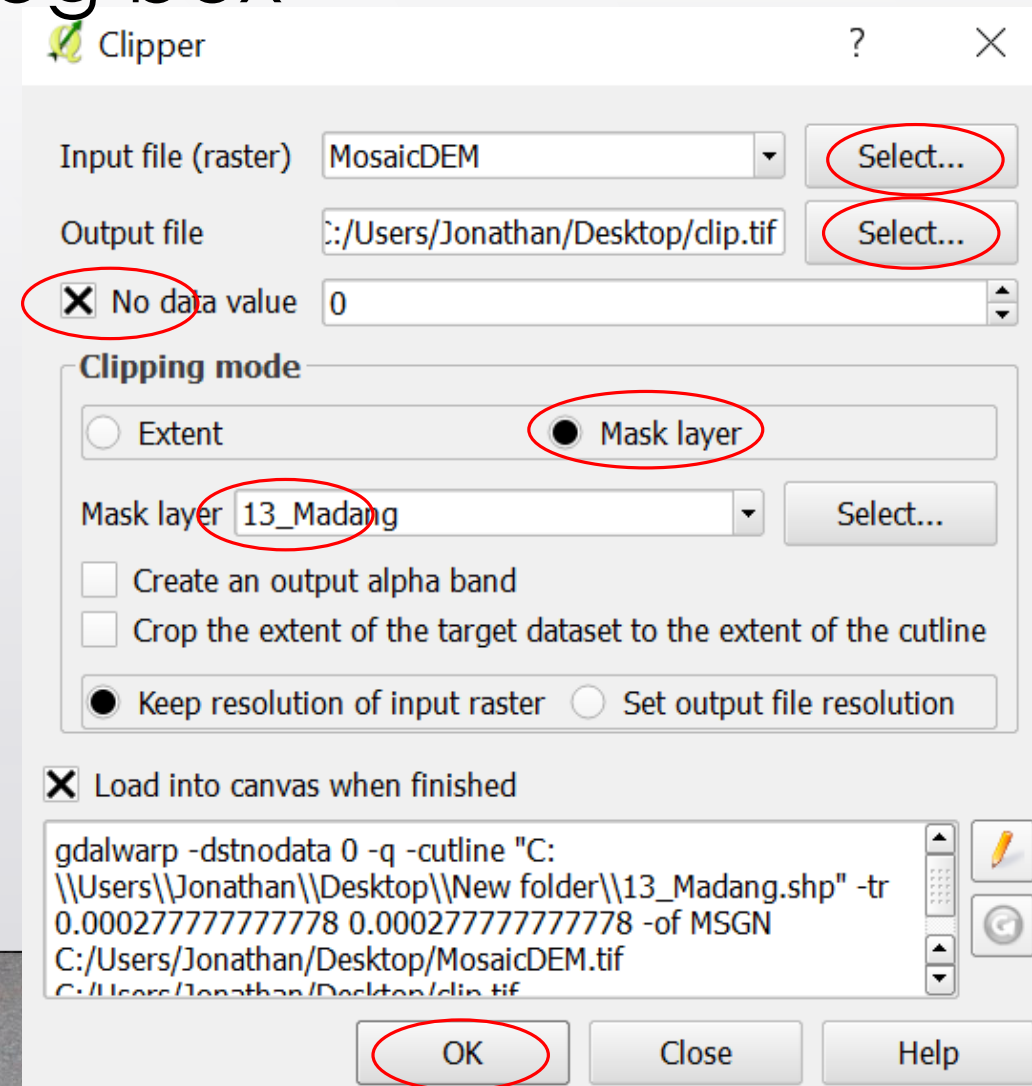
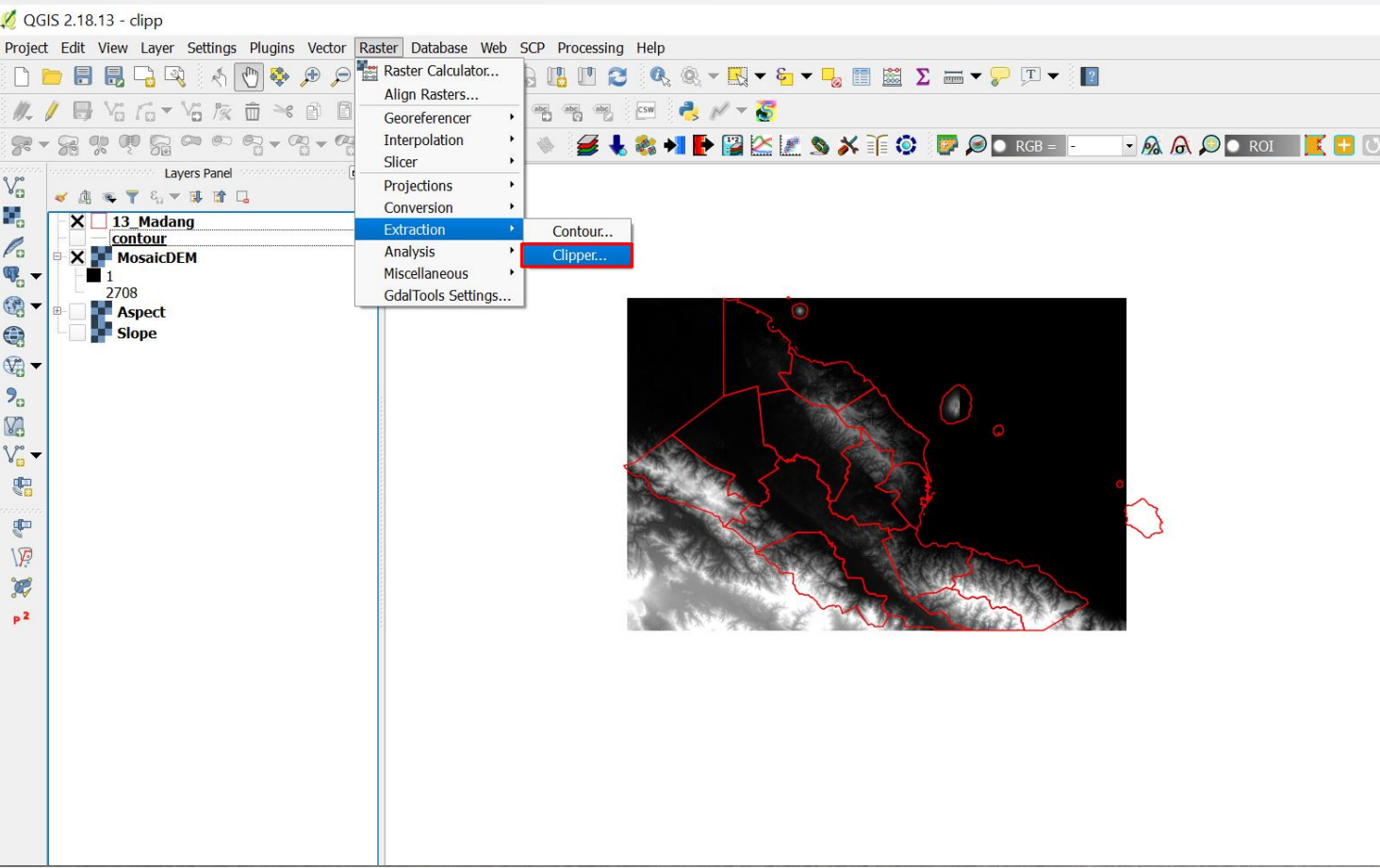


Data needed:

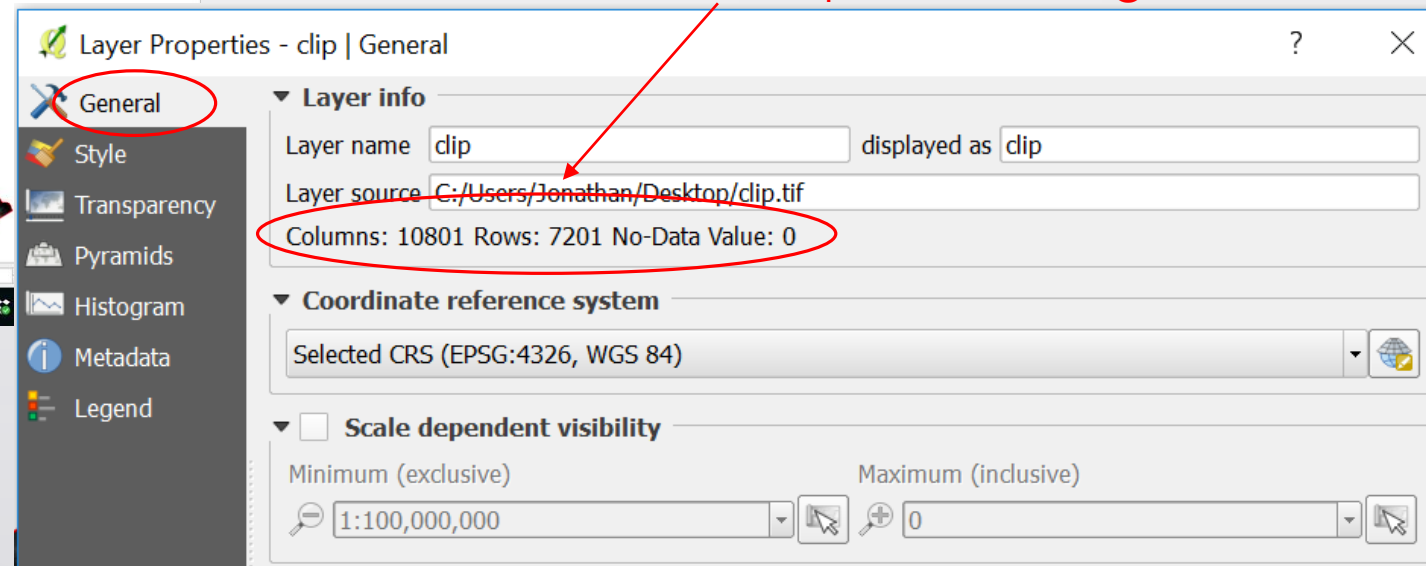
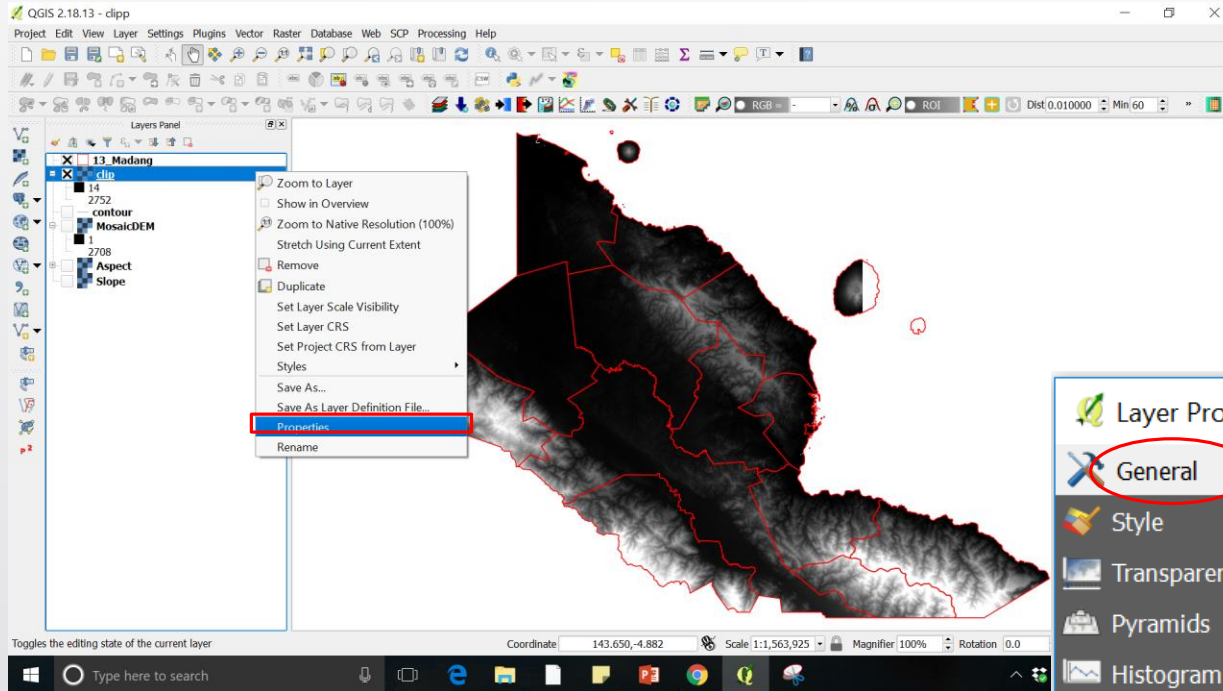
MosaicDEM and shapefile as clipper

- Data to be clipped: MosaicDEM.tif
- Data as clipper: 13_Madang.shp

4. Select Clipper under Raster menu/Extraction and set parameters in the dialog box



Warning: Check the properties of result always





Thank you