

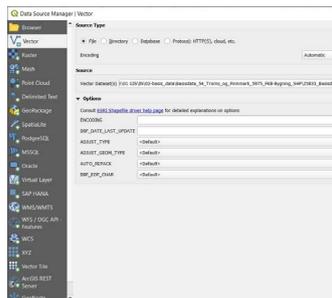
GIS | QGIS - Clipping Vector Files

Vektor Data

01 | Import Shp Files for clipping

>>> go to the tab called 'Layer' expand the menu to >>> Add Layer >>>add Vector Layer >>> Browse to your Input file location >>> select files with the extension .shp in the directory >>> click: add

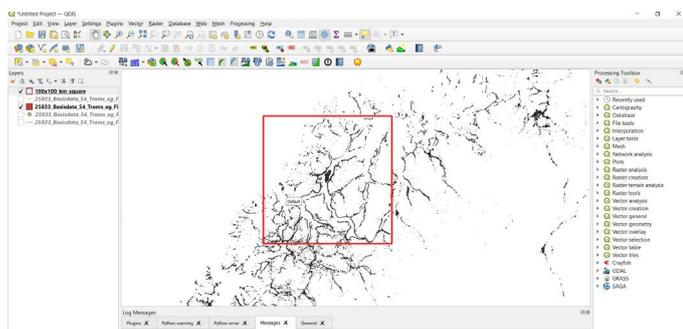
note: in case you do not have .shp formats you will have to first save.shp formats (that would be the case in a FGDB)



note: the first layer added to a new scene in QGIS will also set the CRS for that project >>> make sure the first layer added has the right CRS!

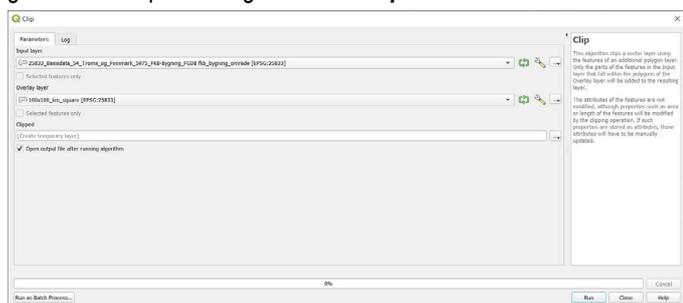
Storage	ESRI Shapefile
Comment	
Encoding	System
Geometry	Polygon (MultiPolygonZ)
CRS	EPSG:25833 - ETRS89 / UTM zone 33N - Proj
Extent	526568.250793893391669,7586496.8100322; 1192714.073201173607173; 658265.1500322

>>> double click a layer >>> Properties Window opens >>> go to "Information" of that layer >>> here you see in which CRS the data is stored in your database.

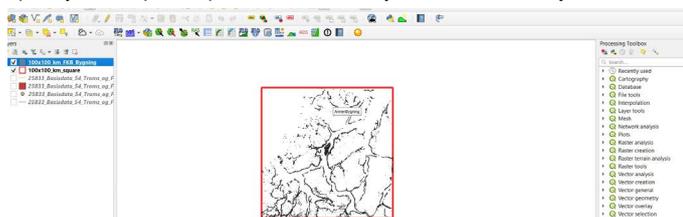


>>> add further Layers >>> also the frame you want to use for clipping

02 | Clip Shapefiles | go to the Tab in the menu called: "Vector" and go to >>> Geoprocessing Tools >>> Clip

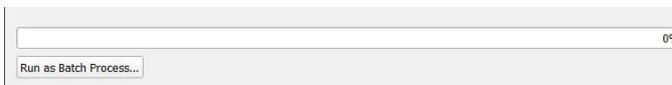


>>> select as "Input Layer" the shape-file you want to clip >>> select as "overlay layer" the shape-file you want to clip the data with >>> specify an output filepath and name in your OUT directory >>> select

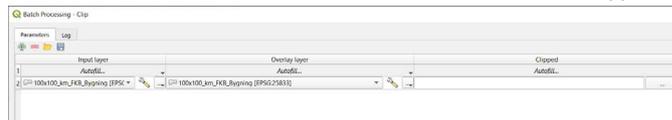


>>> the clipped layer will appear on the QGIS Canvas (if "open output after running algorithm" was checked before running the command) and be saved in your Output-Folder

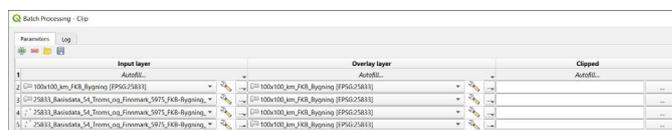
03 | Clip Vectors with a batch process >>> go to the Tab called: "Vector" and go to >>> Geoprocessing Tools >>> Clip >>> the same window opens as in step 02 >>> at the bottom left you will find >>>



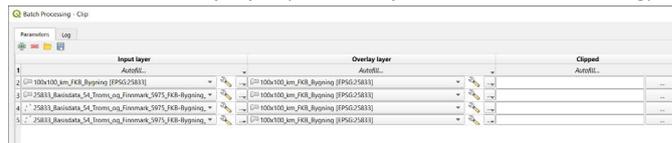
>>> click "run as Batch Process" >>> a different window will appear.



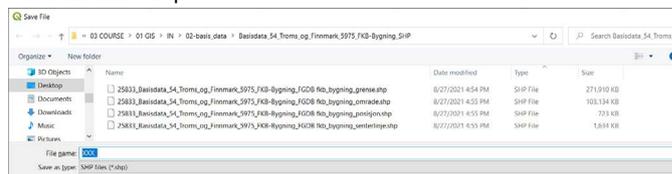
>>> select input layers >>> click the green "plus symbol" to add more layers (you can also use the autofill option to for instance take all layers in your project at once)



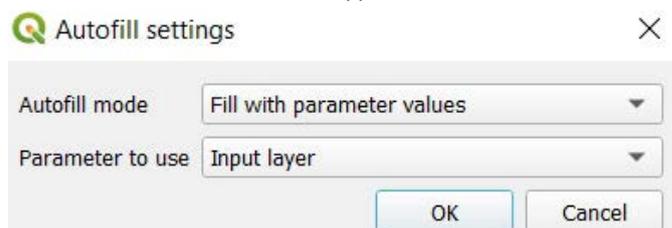
>>> select the overlay layer (the frame you want to use for cutting)



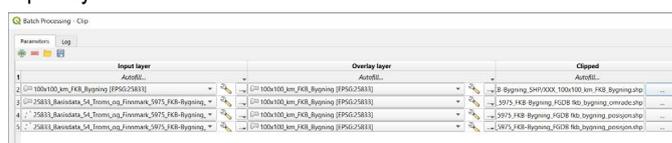
>>> specify name Output-Folder-path >>> click on the 3 dots "... >>> browse to your Output-Folder >>> give a pre-fix to the filename ending with an underscore "_" (for example: XXX_) >>> select in the file-extension .shp >>>



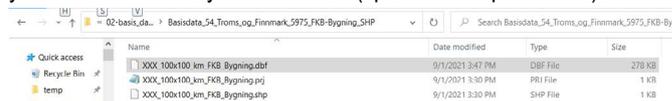
>>> click save >>> a window will appear >>>



>>> select "Autofill mode" "Fill with parameter values" >>> select Input layer as Parameter to use >>> click OK



>>> click "run" >>> your files will not appear on the QGIS canvas, but you will find them in your Database (specified Output-Folder)



>>> check your output-folder >>> the clipped layers will have the prefix: "XXX_" and the "name of the Input-layer"