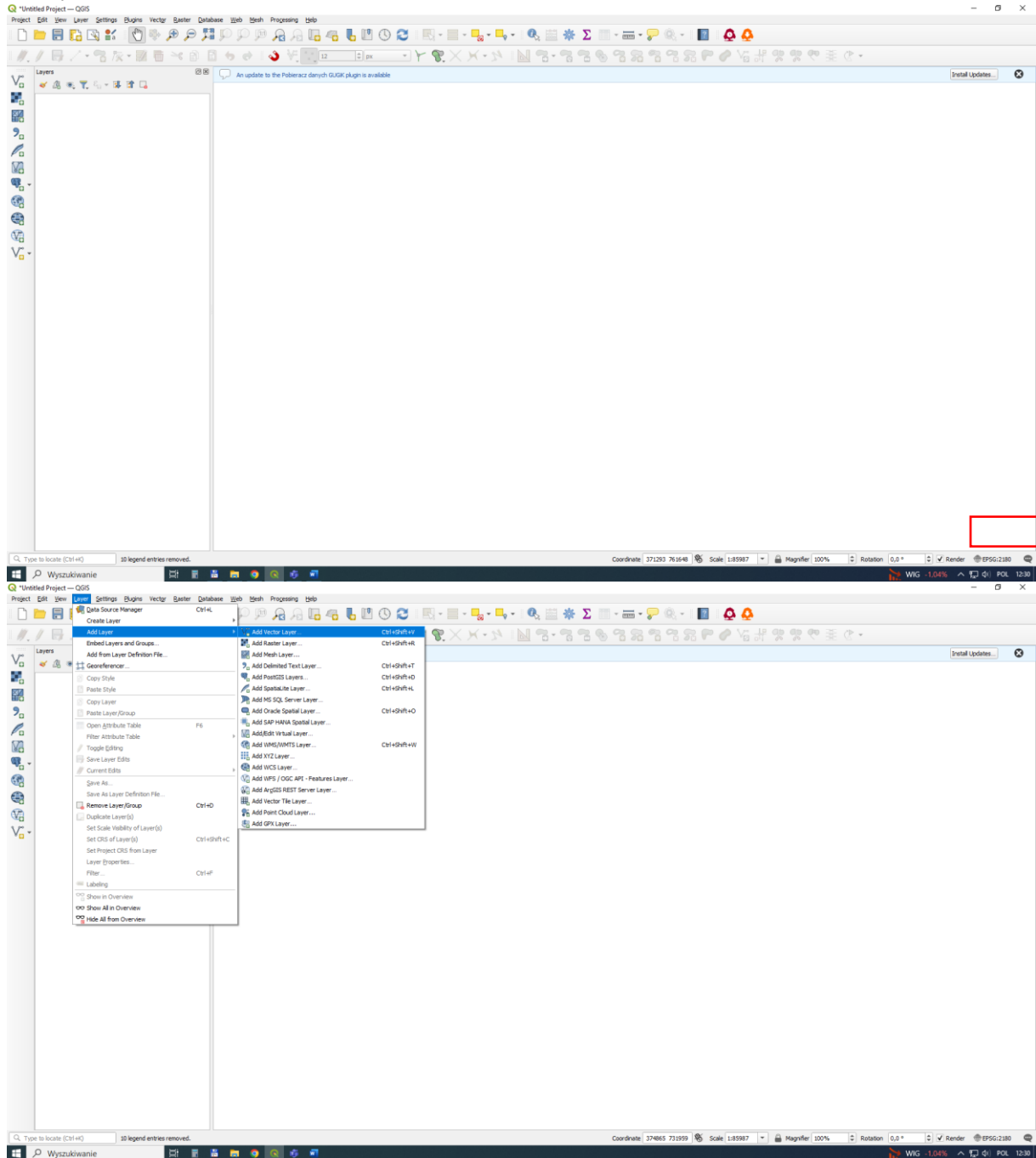
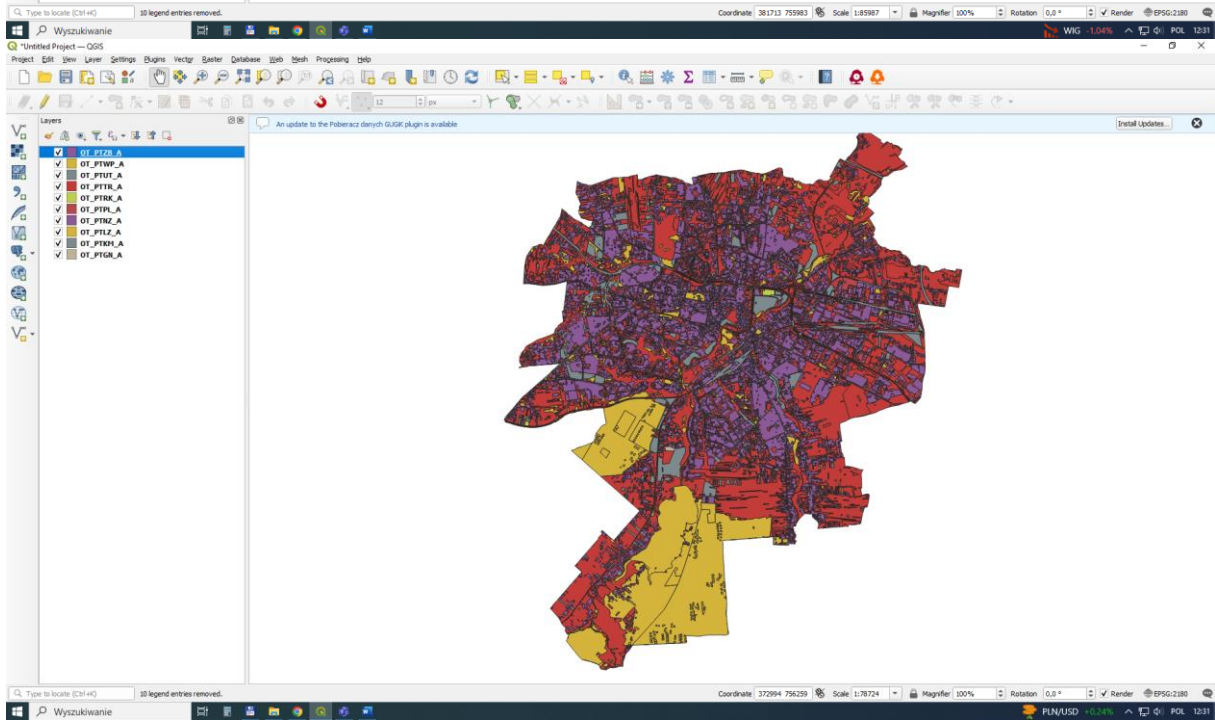
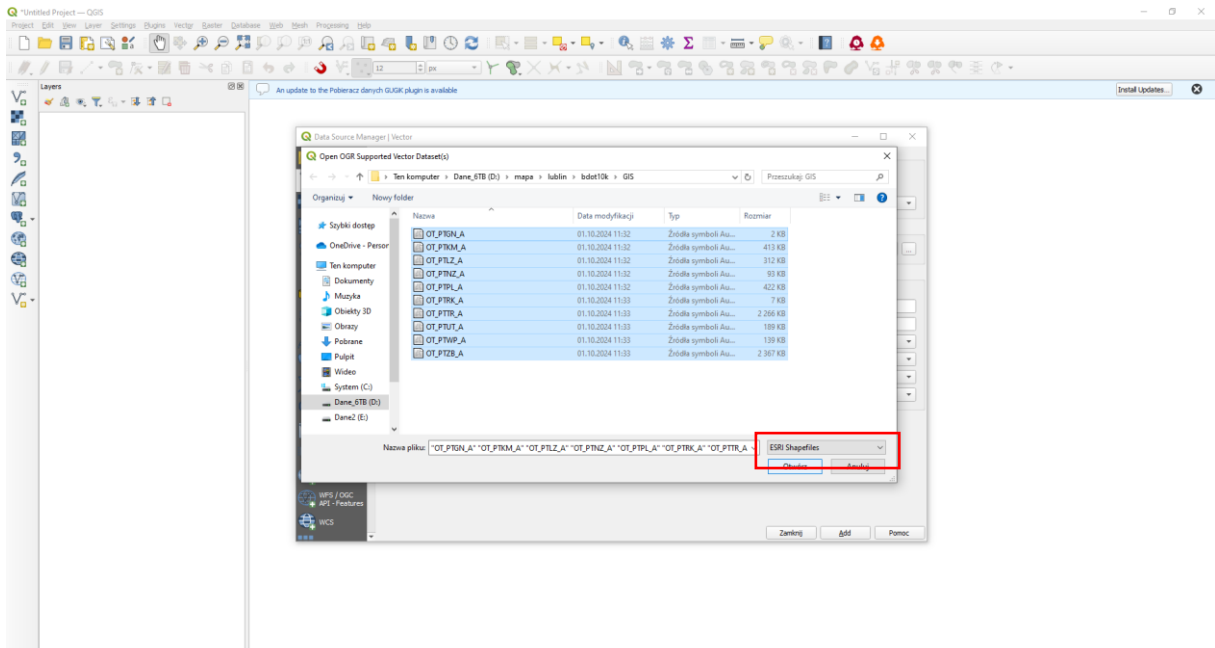


Exercise 3

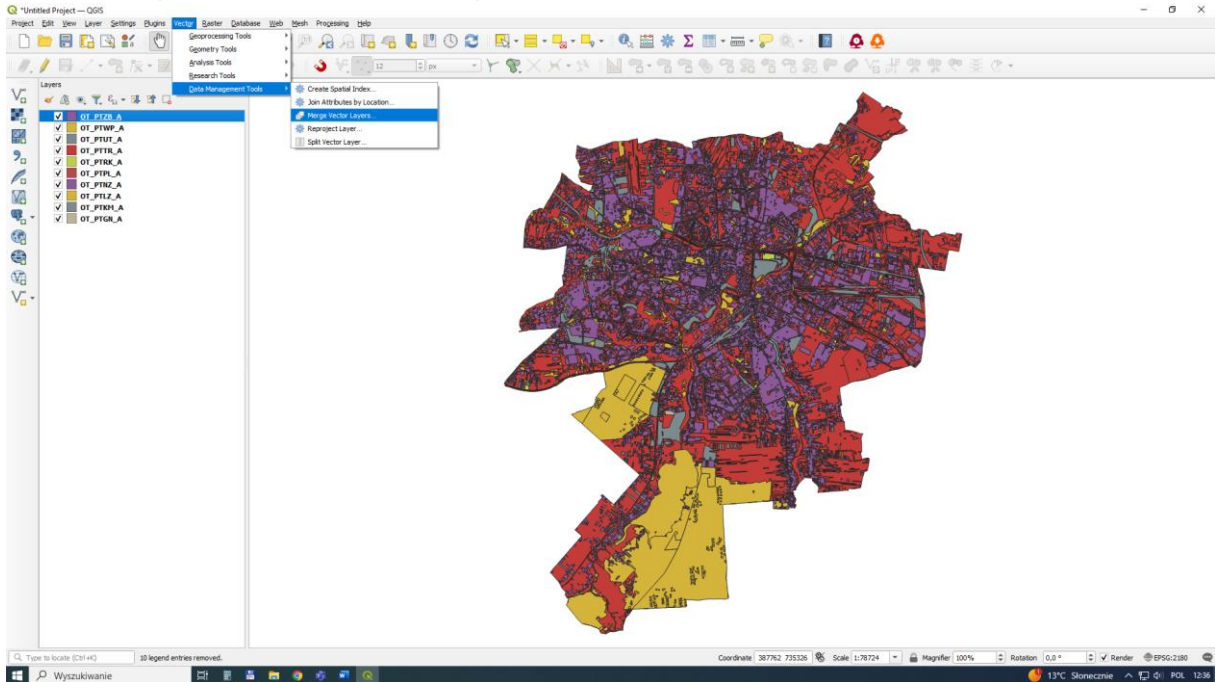
Topic: Completing the database, connecting databases, creating map printouts

Load all vector data in *.shp format (ESRI shapefile), remember about the reference frame (PUWG 1992, EPSG: 2180)

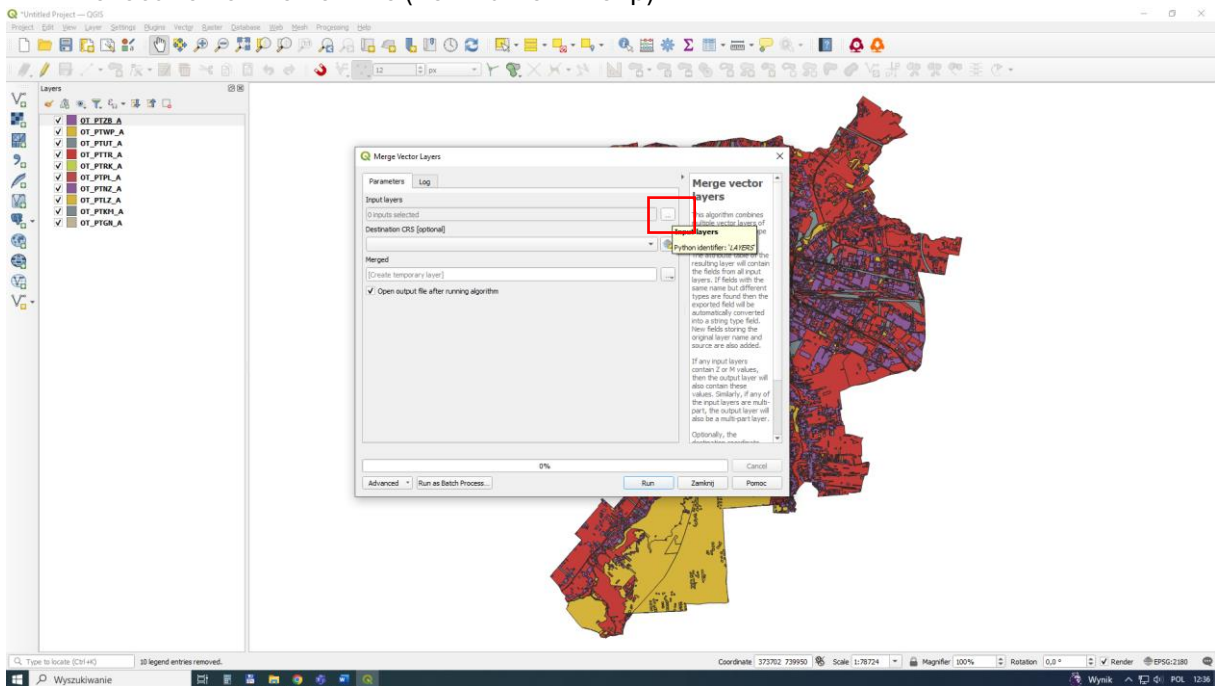


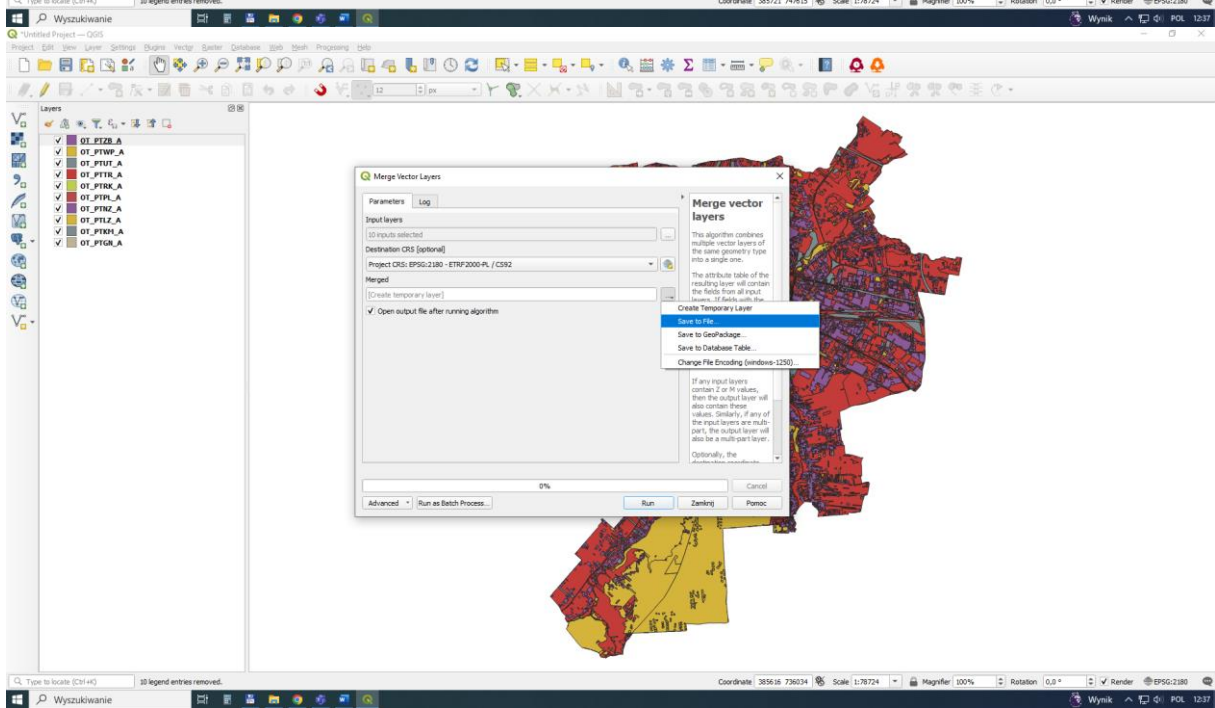
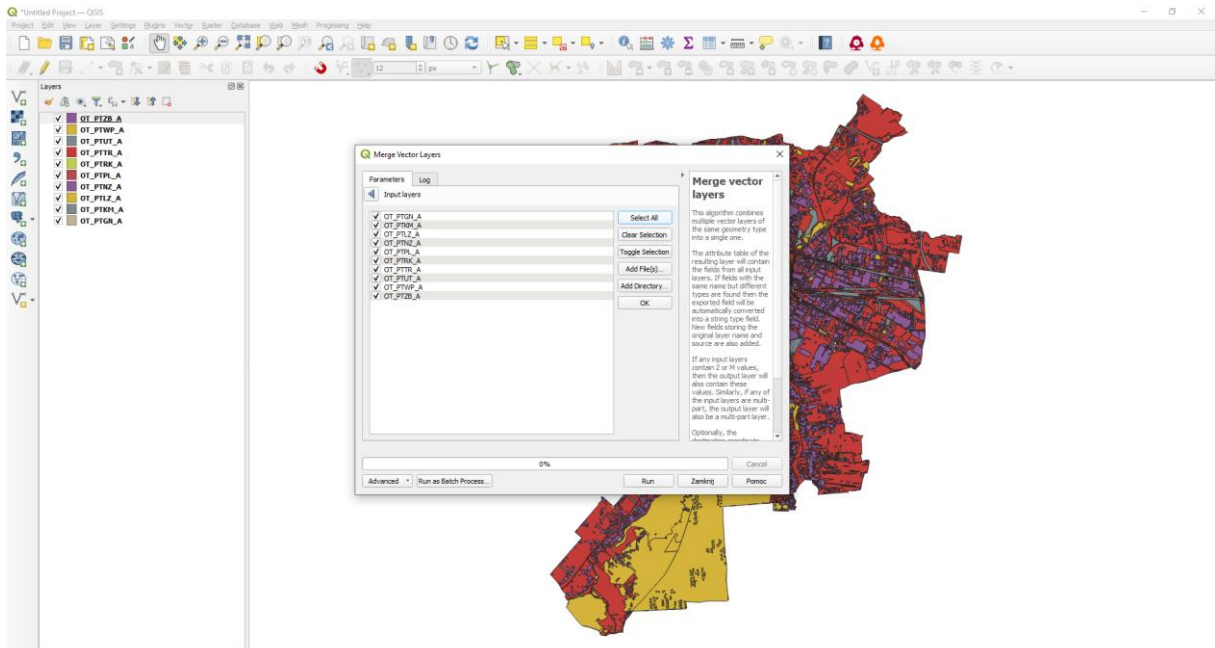


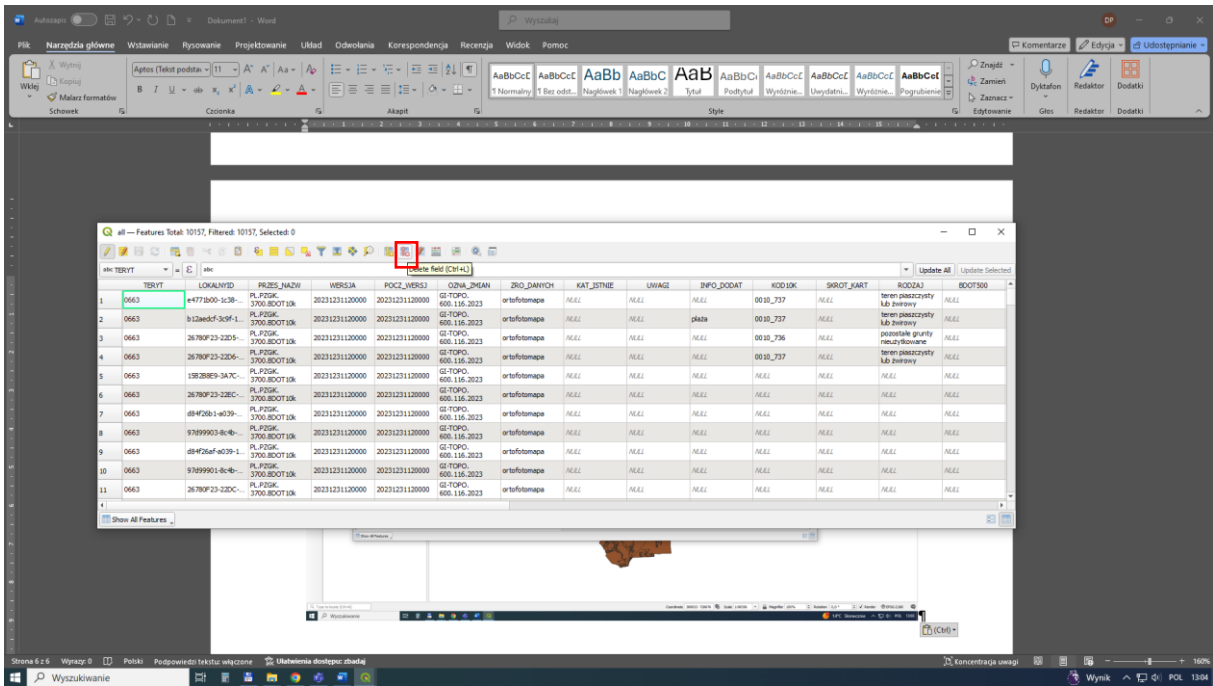
The next step is to combine several layers into one



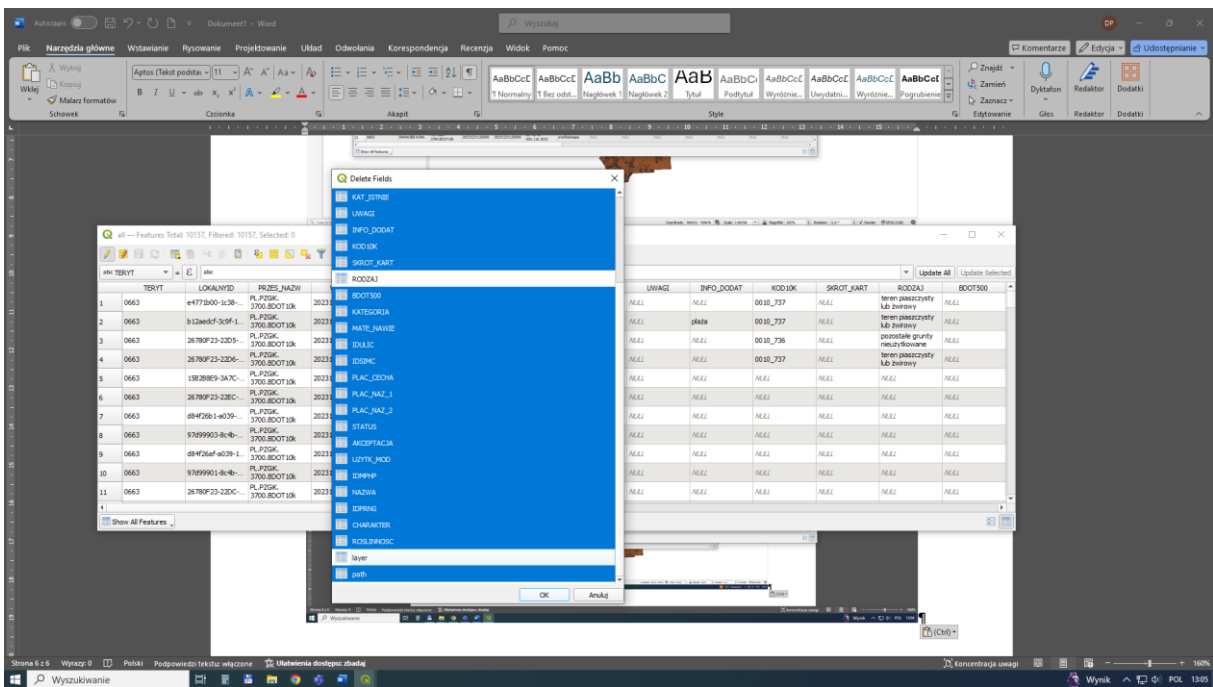
Select all files, remember to provide the appropriate reference system (PUWG 1992) and path with the location of the new file (new name: All.shp)

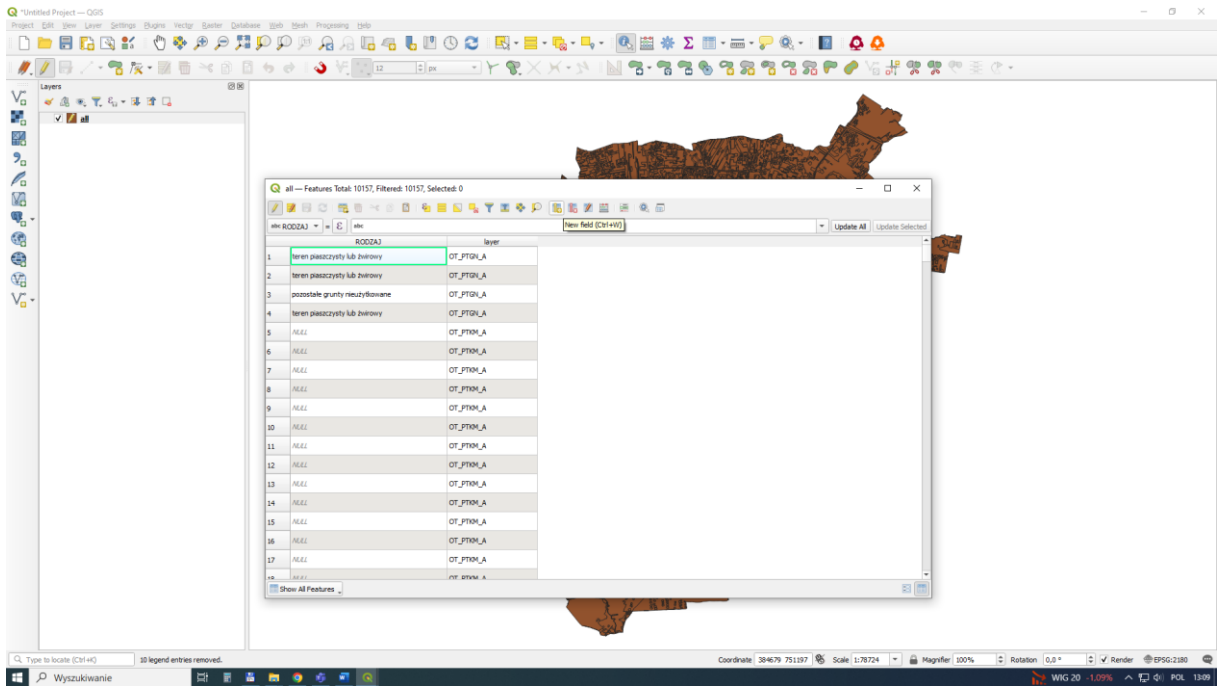




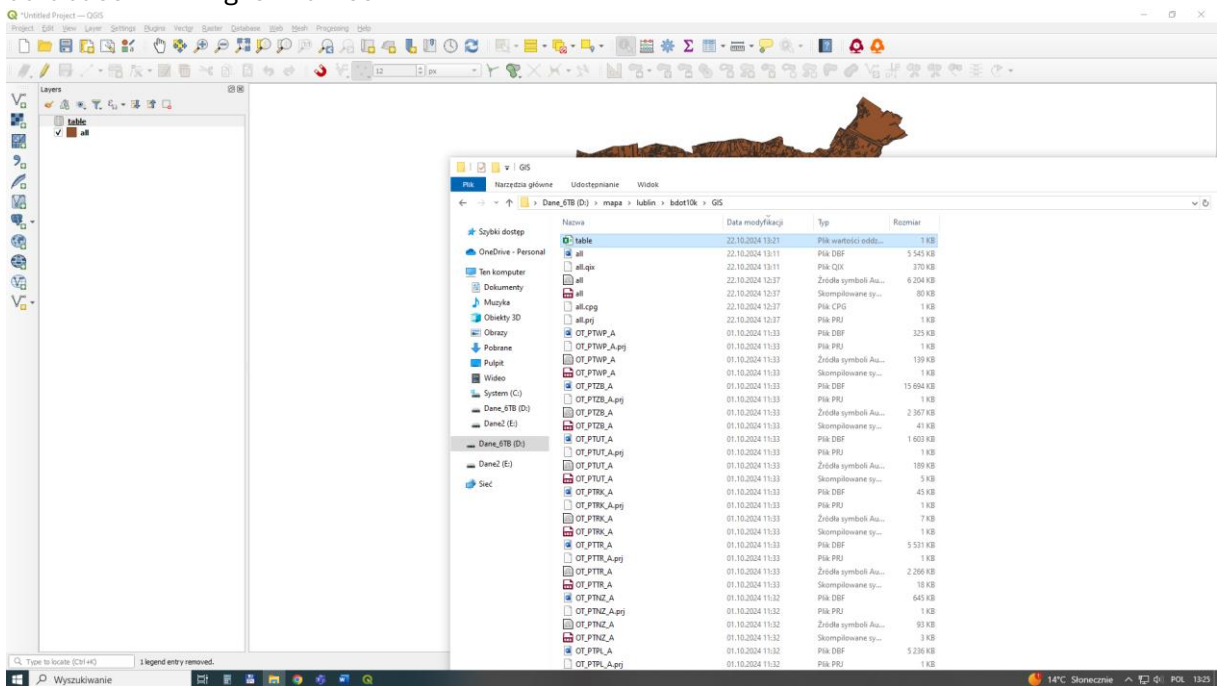


Leave two fields: RODZAJ and layer

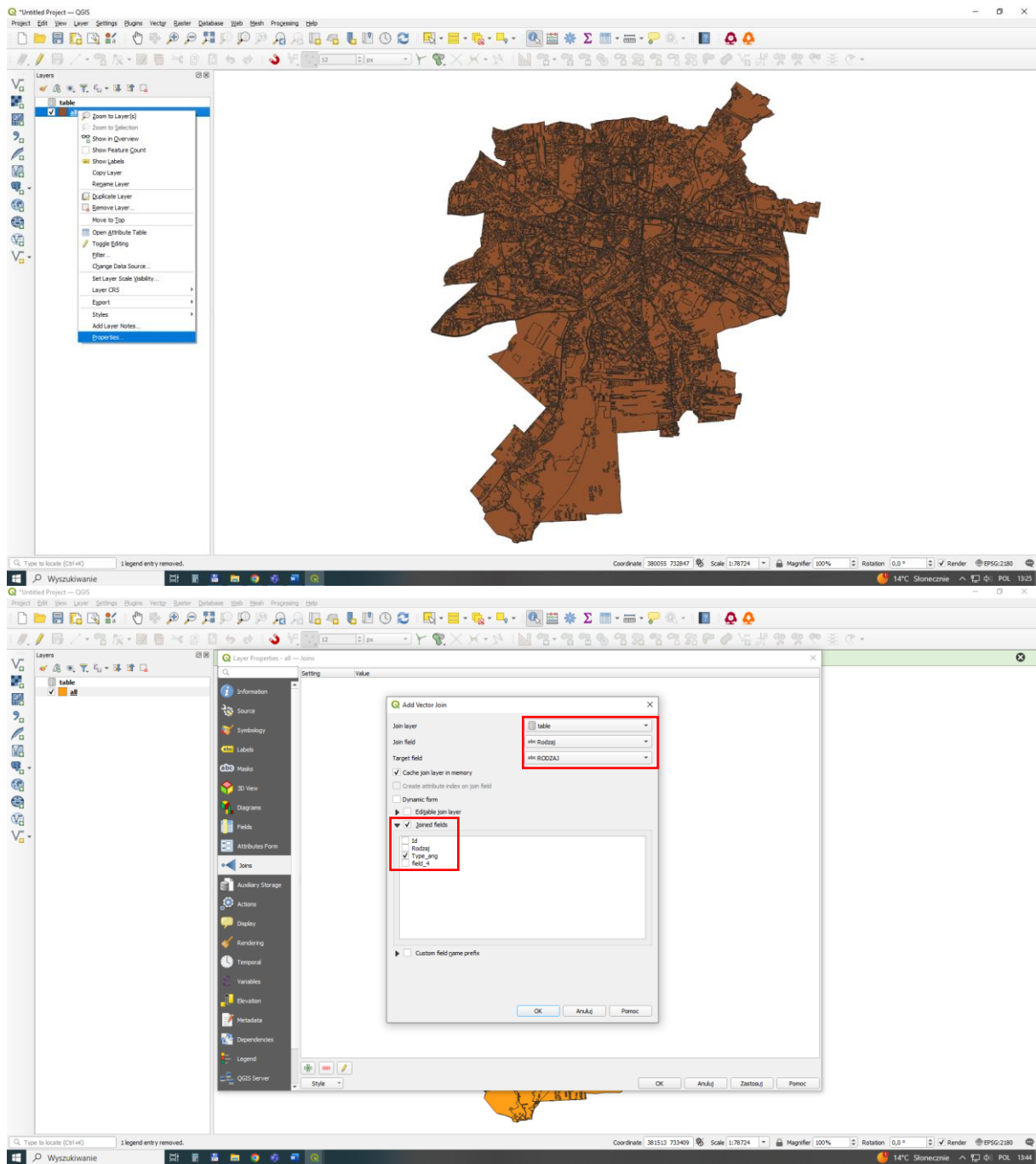




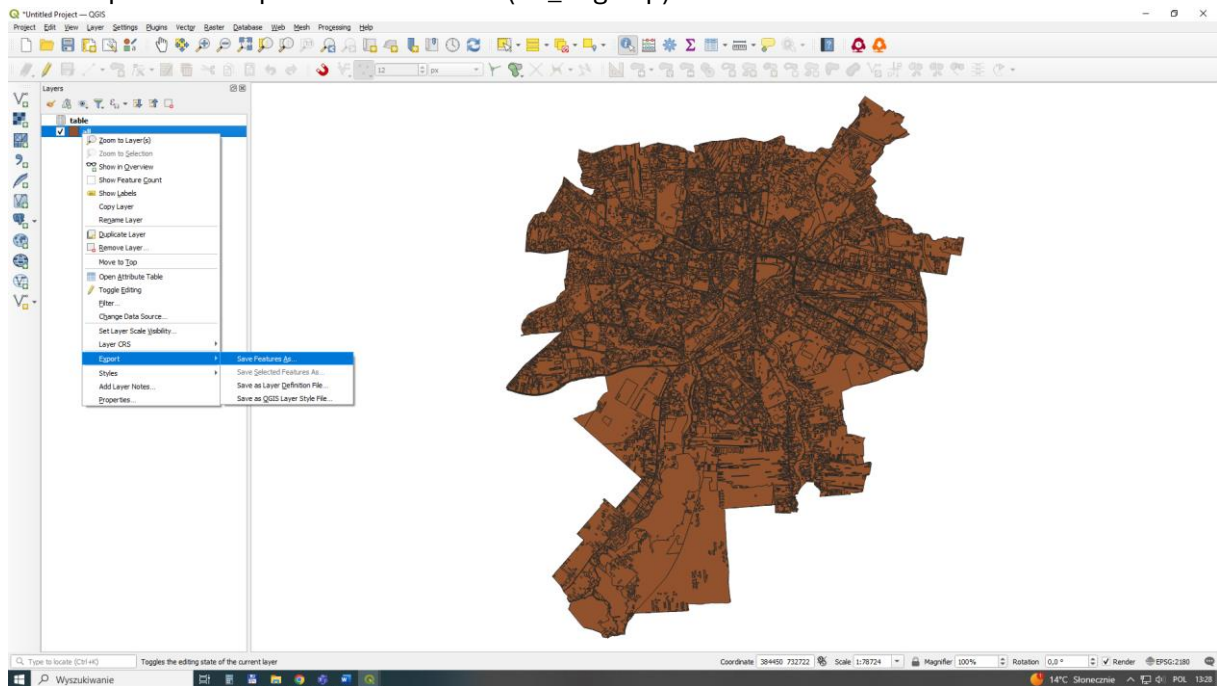
Drag and drop the table.csv file into the window Layer, we will need it to supplement the existing database with English names



We will start filling in the data by connecting two databases, the common part of both databases is the information contained in the TYPE fields

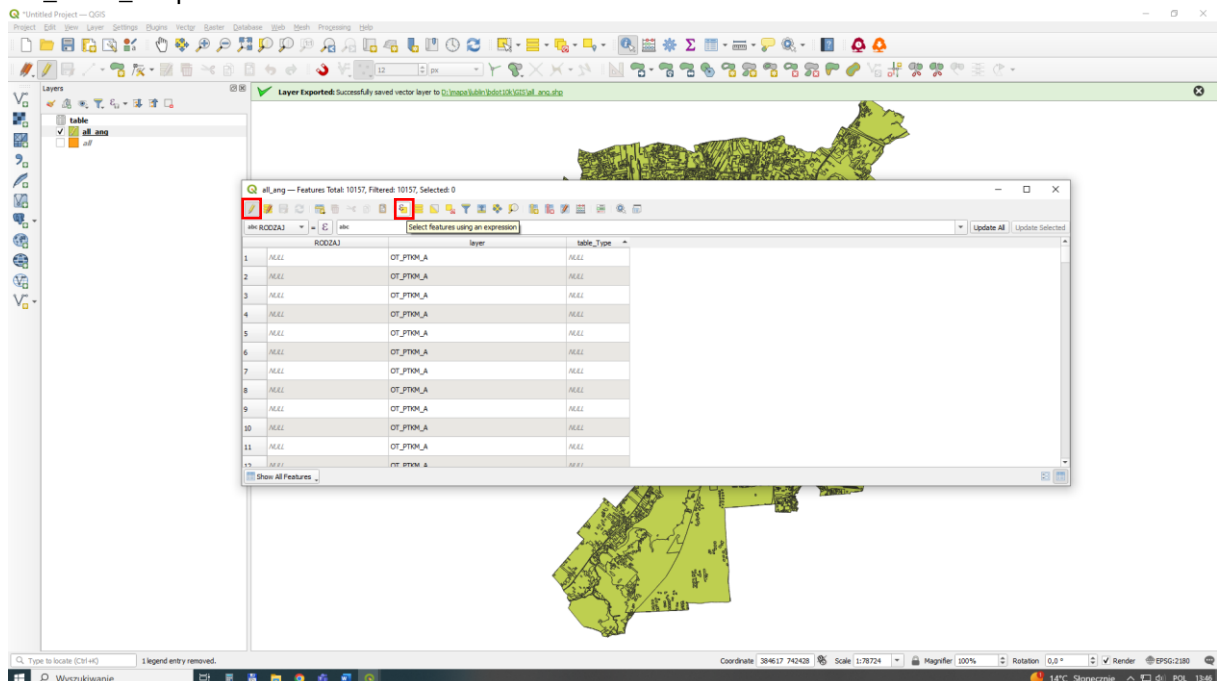


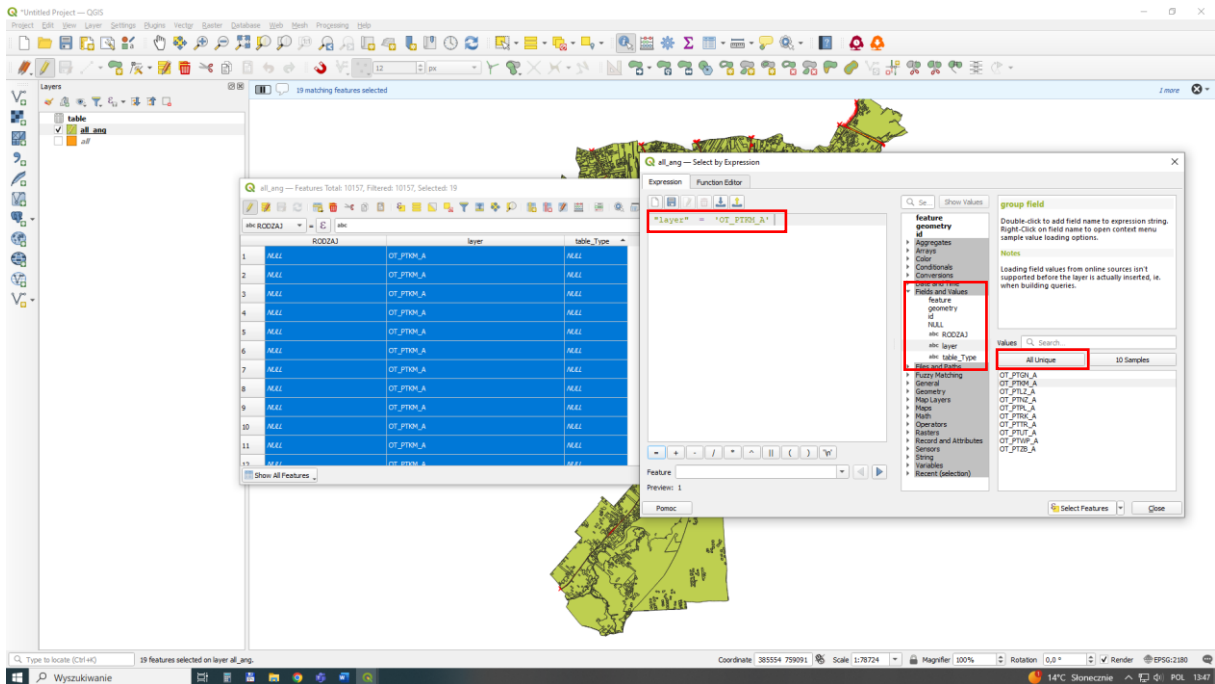
Merging databases in this way is not permanent, to save a new construction in the database you must export the shapefiles to a new file (All_ang.shp).



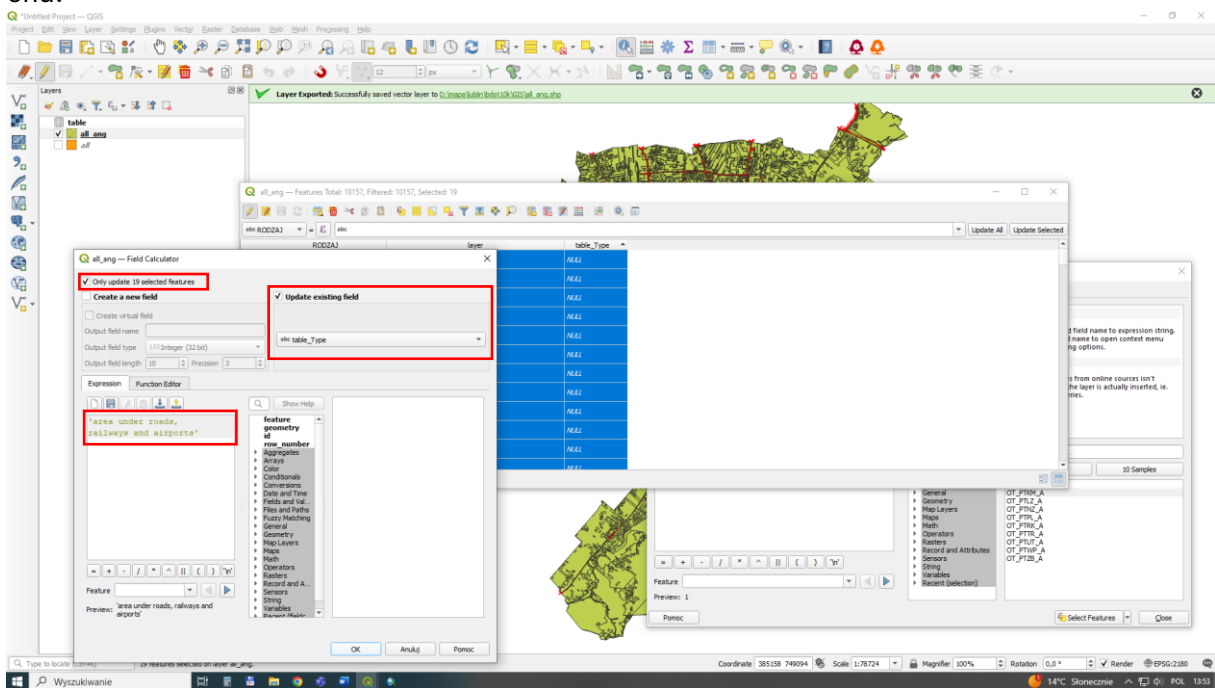
The next step is to fill in the gaps in the table_TYPE field, find the appropriate records in the layer field and use the Fields calculator to enter the missing categories.

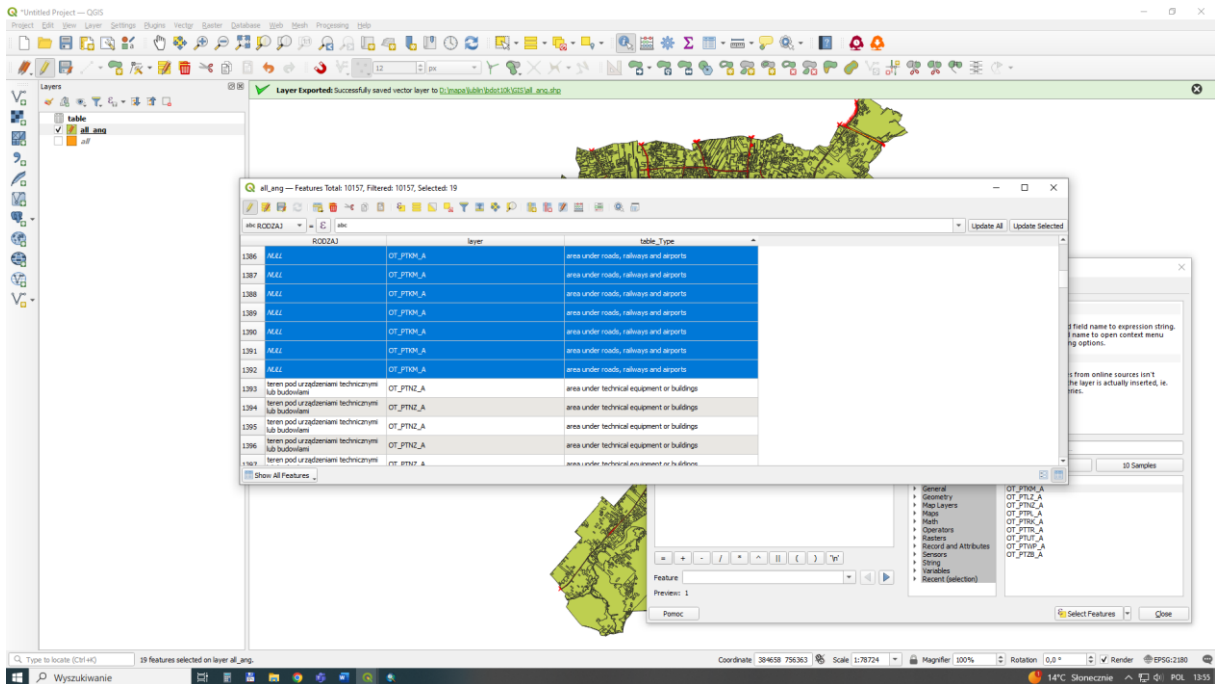
OT_PTKM_A - area under roads, railways and airports
 OT_PTPL_A - place



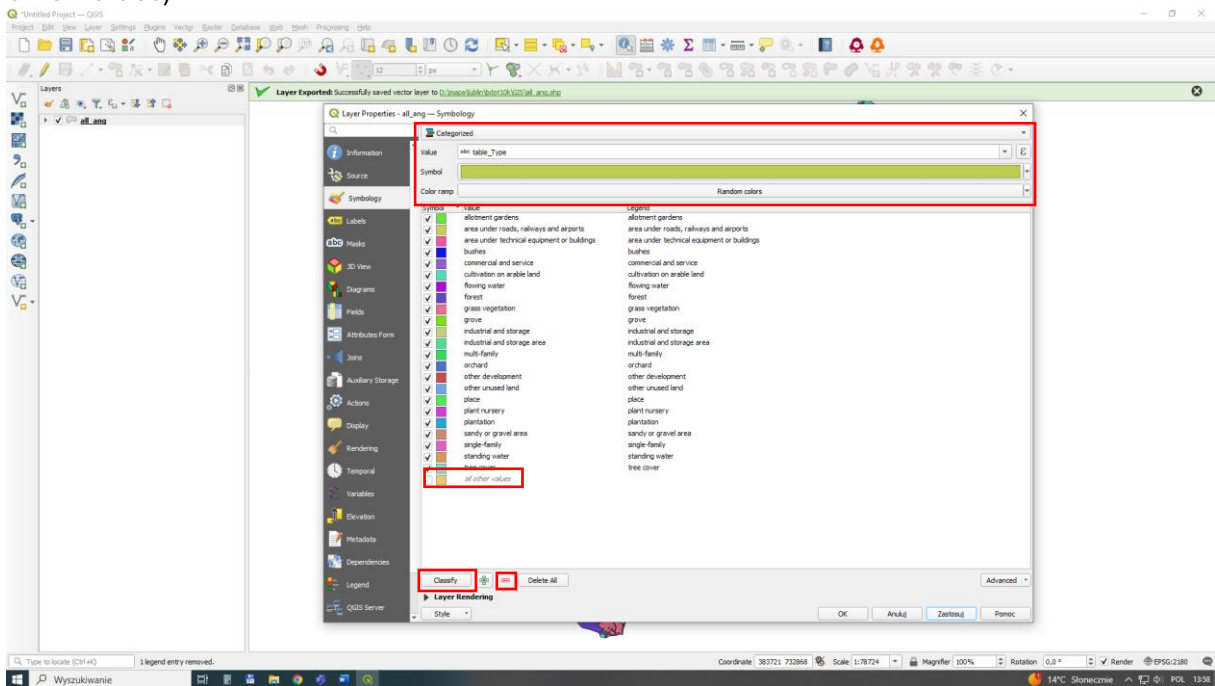


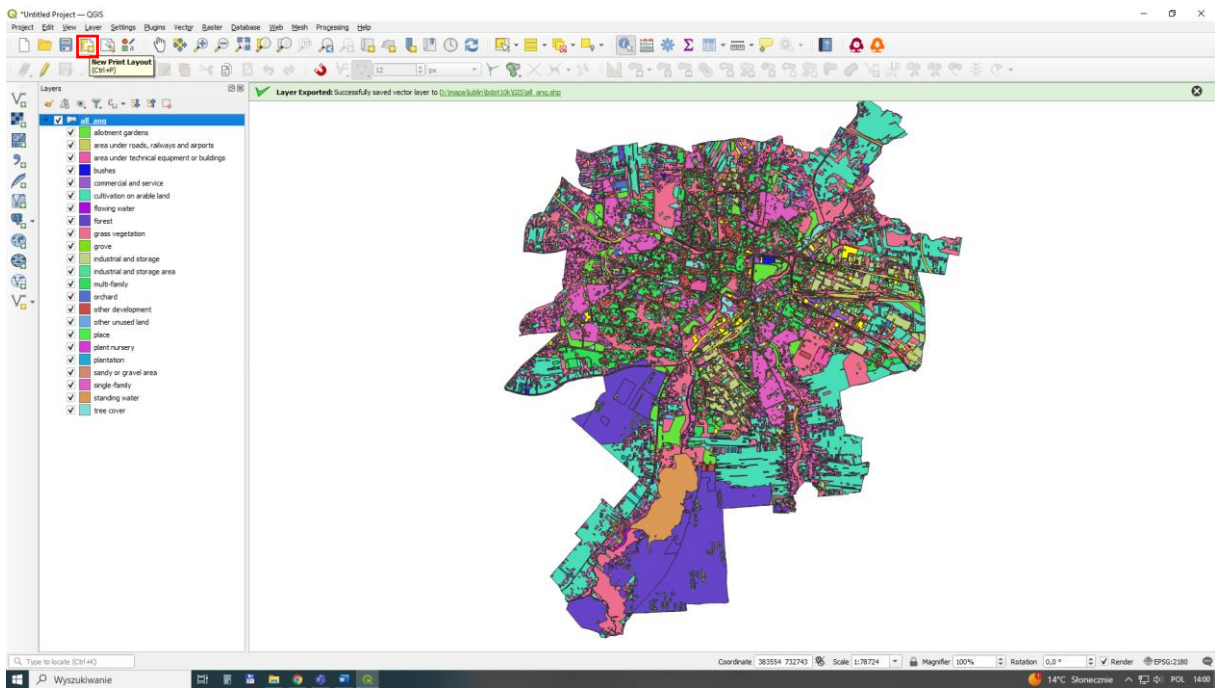
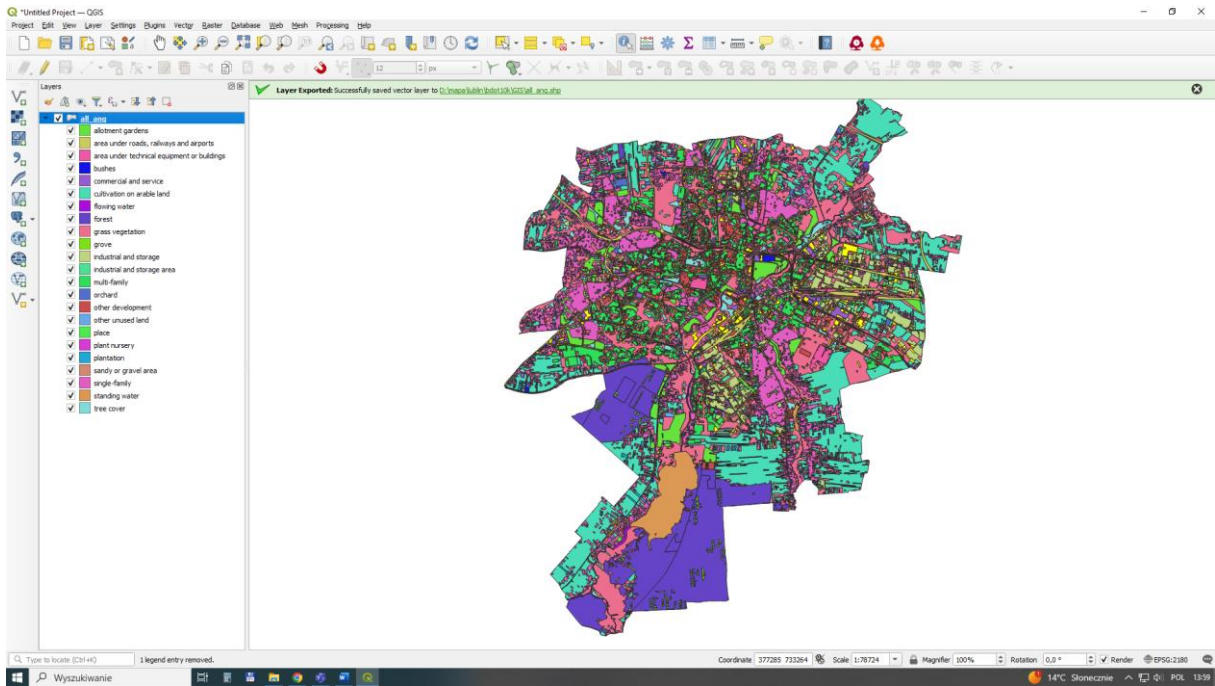
New entries in the field calculator are entered with ' (apostrophe) at the beginning and at the end.

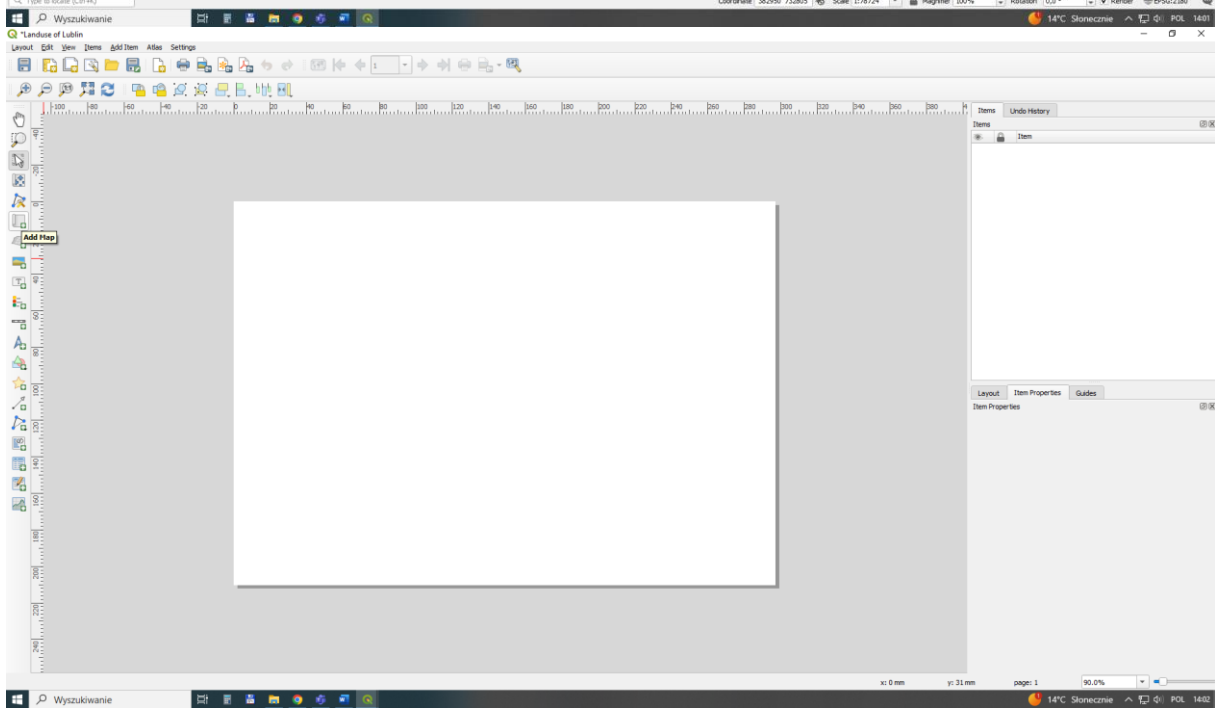
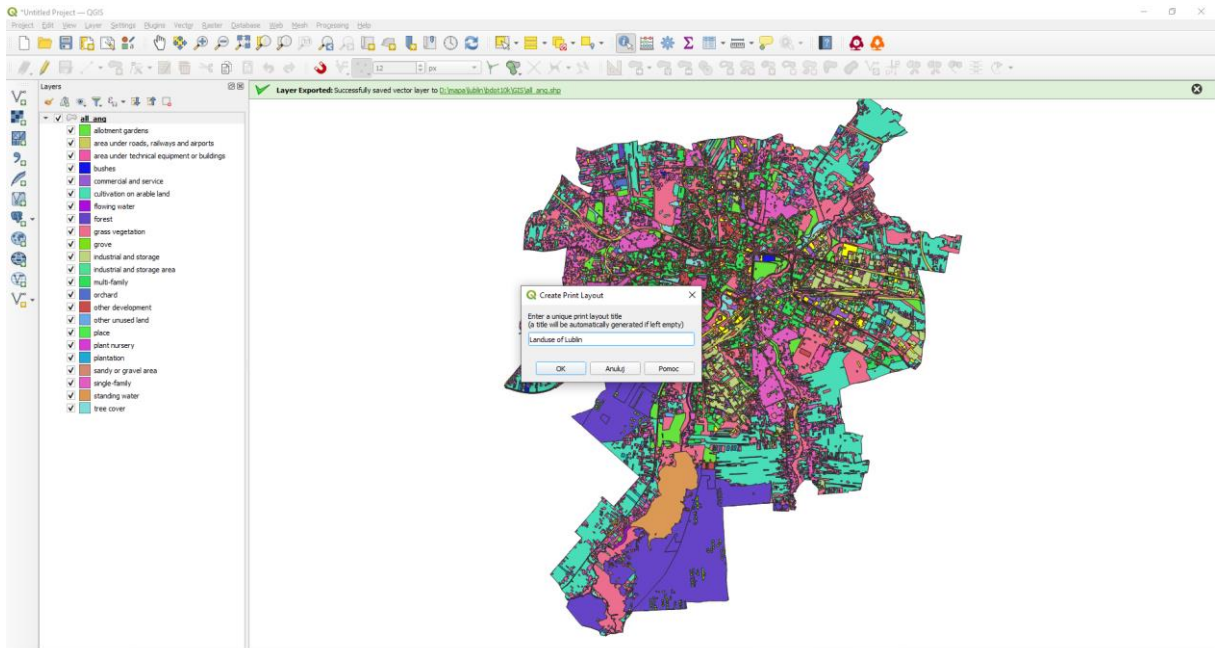


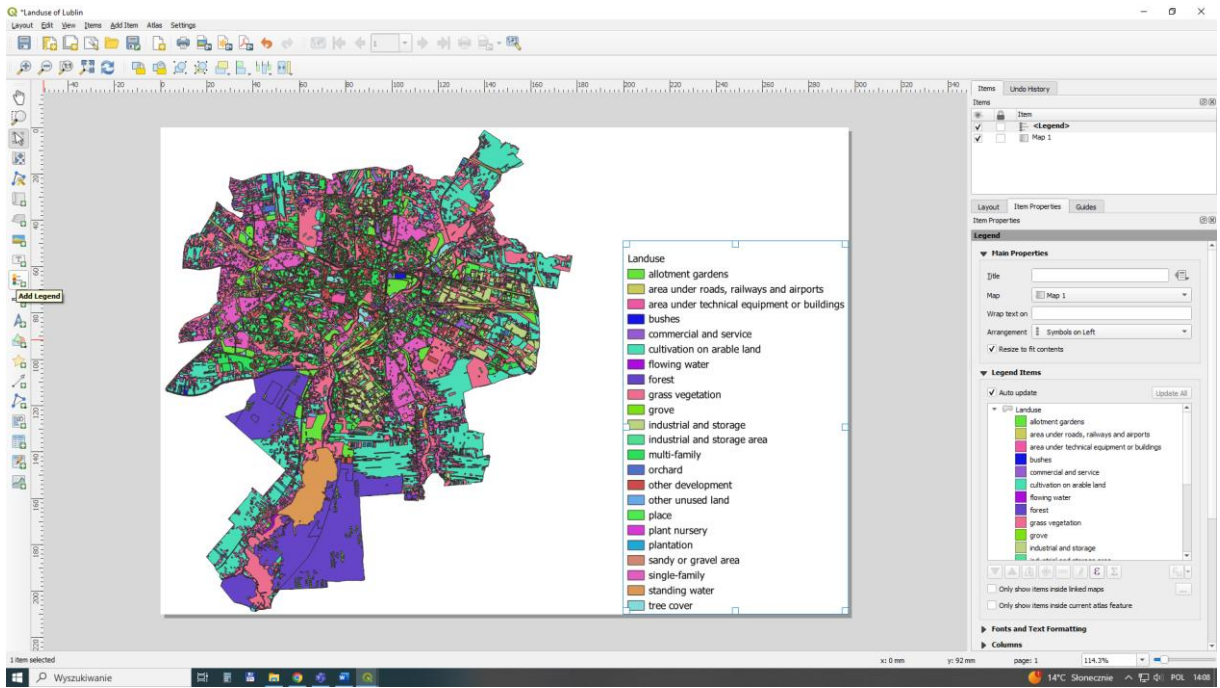
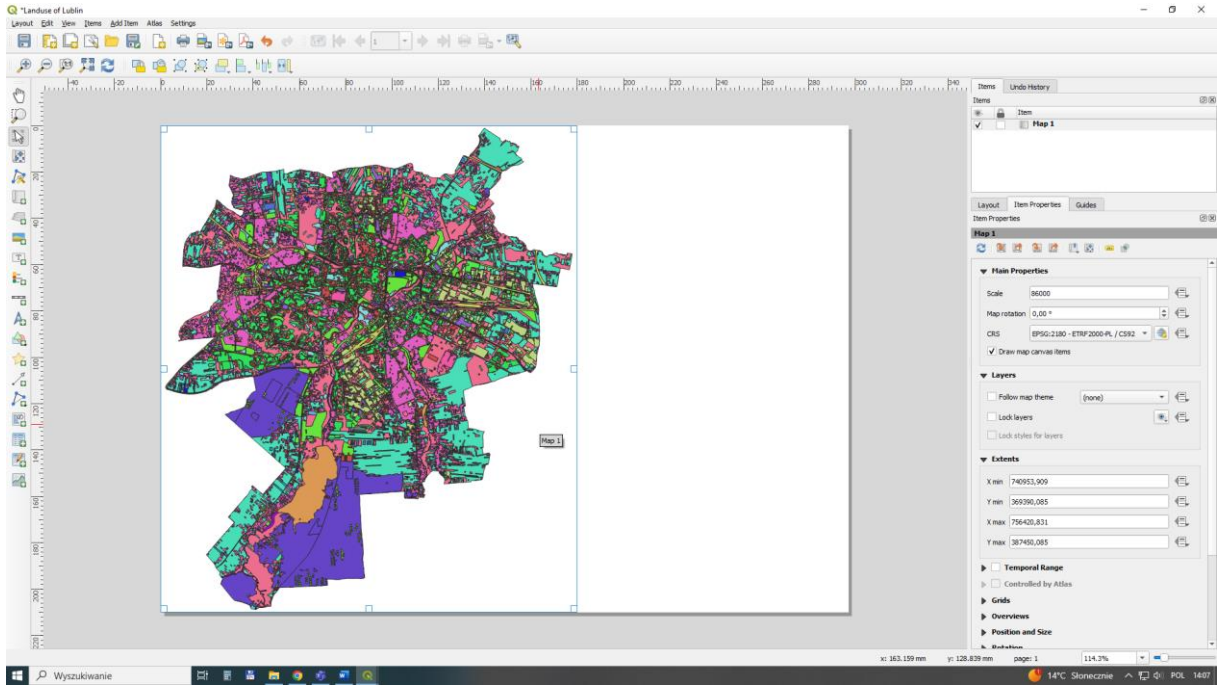


The next task is to prepare the map for printing in *.jpg or *.tiff format. In the layer properties you should display all unique information from the field table_Type. Here you can change colors and add hatching to specific sections. Using the red sign - you can remove the unnecessary class (all other values).

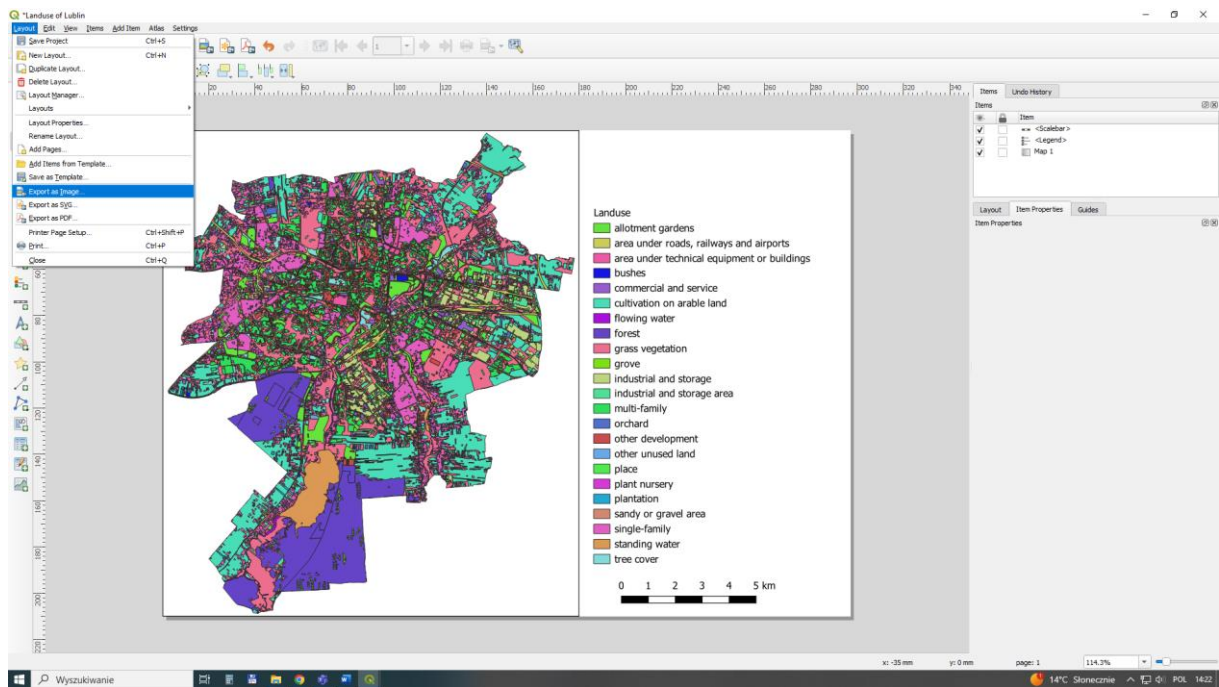
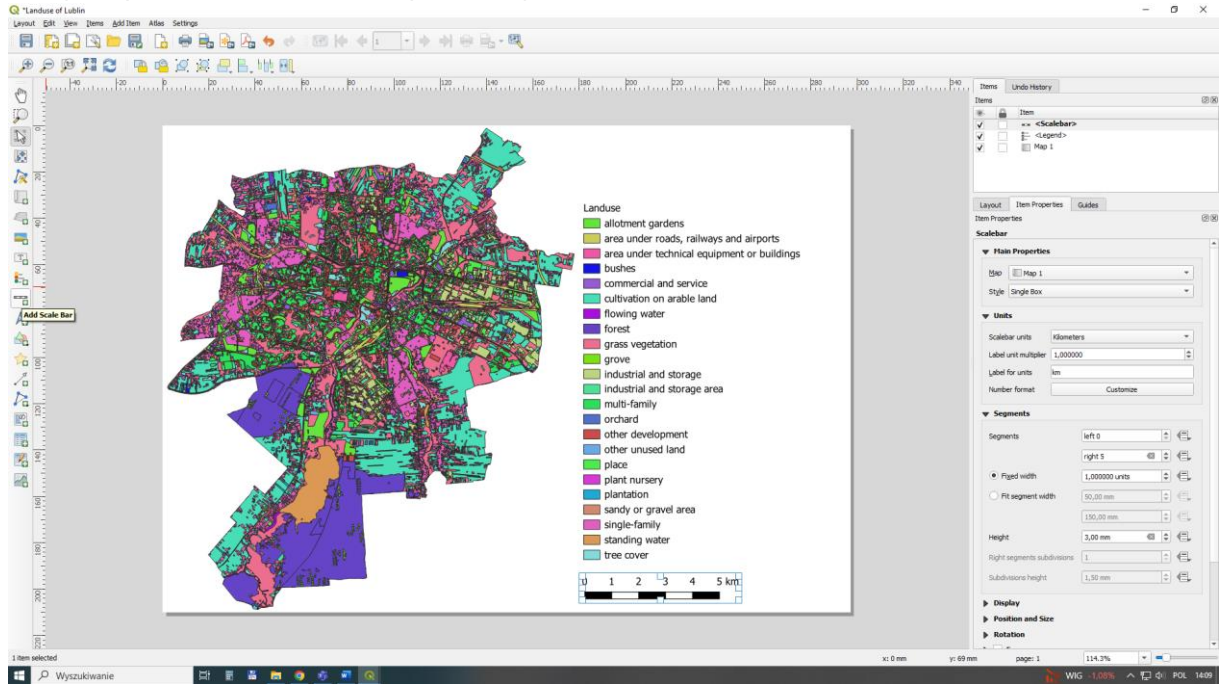


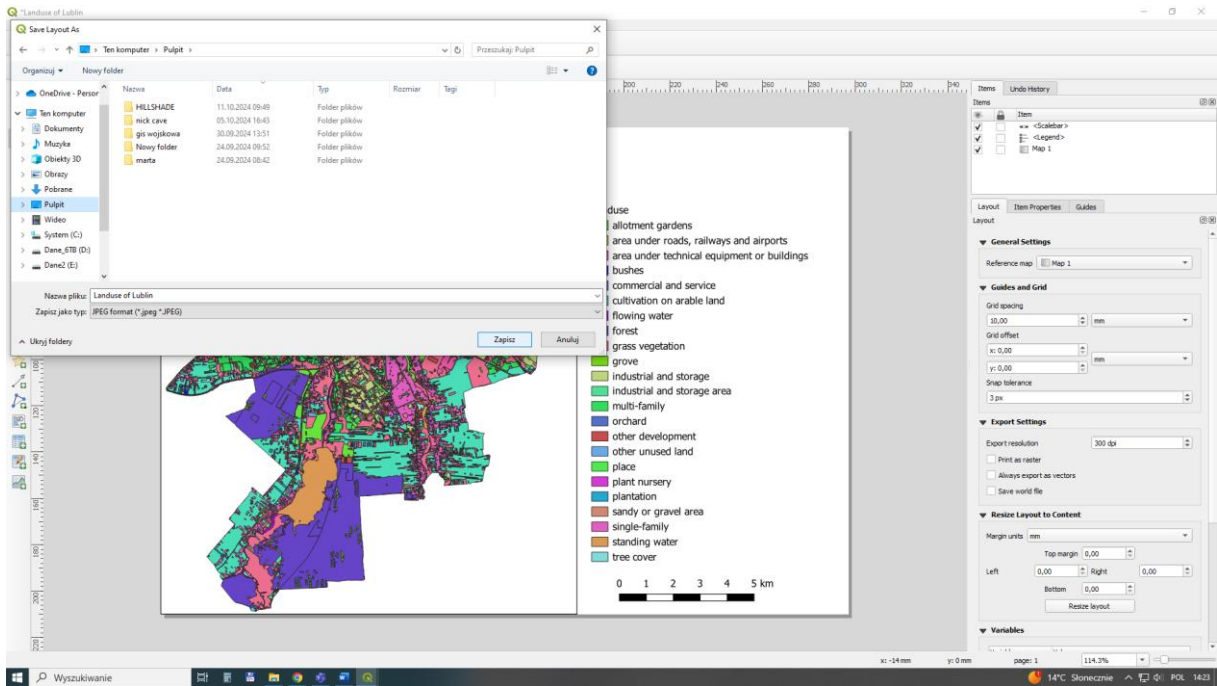






Every map should have a scale, preferably a linear scale.





Homework: prepare your own printout of the Lublin land use map.