

TARGET output data processing

In the output data folder of your TARGET folder structure, a file of the type filename.nc should appear after successful modelling. This is the netCDF file format. If you drag the file into QGIS, a pop-up window opens that allows you to choose and add the variables that interest you, for example the air temperature. It might be, that the layer does not appear where it should be (over the EPFL campus).

There are several solutions on how to solve this problem. I did follow the instructions on this [website](#), as my output data was also mirrored (because of confusion of latitude and longitude..). But there might be easier options, you can ask the other groups for their solutions.

In QGIS, you can explore the data by double-clicking on the layer and play with the symbology. If you choose “Singleband” instead of “Multiband” as Render type, you can display the air temperature of single time steps, as each band does represent one of your simulation time steps, with Band 001 being the first.

To analyse your data in more detail, check out the R script I uploaded on Moodle. For the script, you need your output in GeoTIFF format. In QGIS, you can directly export your netCDF file as a GeoTIFF.

-> You can follow the R script analysis even when your output data does not appear at the correct place on the map yet. The only issue could be that the wrong coordinates are displayed on your plots.

-> Empty cells in your output data can be due to 100% building cells, as the air temperature is only modelled in the canyons.

