**Preprocessing scripts**

**clip\_netcdf\_cwatm.py**

Script which clip input maps (and meteo maps) from the whole danube settings to a defined mask map.

* Input maps are all netcdf (.nc) files
* Mask map can be defined as .map or .tif map or specified by columns/rows, resolution, lat max, lon min

Input and out put (around line 180)

dirIn = **"P:/watmodel/CWATM/Regions/Danube\_1min/Danube1/input/"**dirOut = **"P:/watmodel/CWATM/Regions/Danube\_1min/Tisa/input/"**

Mask map:

mask = **"P:/watmodel/CWATM/Regions/Danube\_1min/Tisa/tisa\_square.map"**

or type in the dimension, the lon/lat and the resolution manually

The script will run through the dirIn and clips all .nc to the mask map and stores the folder structure and the netcdf files in dirOut

You can run also the meteo maps like:

dirIn = **"**P:/watmodel/CWATM/Regions/Danube\_1min/Danube/meteo/emo-1/“

dirOut = **"P:/watmodel/CWATM/Regions/Danube\_1min/Tisa/** meteo/emo-1/“

To run CWatM you have to copy manually:

- Danube1/input/landcover/crops/Crop\_List\_Danube\_MAPSPAM2020.xlsx ->   
 input\landcover\crops

- Danube1/input/RCP\_CO2 -> input/RCP\_CO2