GIS Instructions

Installing the right environment and packages

Anaconda Powershell Prompt

We will use several special Python packages to process geodata and to interact with geodatabases. The following list is not comprehensive:

- os
- geopandas
- shapely
- sodapy
- matplotlib
- json
- requests
- etc.

- Create a new Anaconda environment. Do NOT install the packages in the base environment, e.g.

```
conda create -c conda-forge -n geo python=3 jupyterlab geopandas shapely matplotlib requests
```

```
conda activate geo
```

```
pip install sodapy
```

```
cd ...
```

```
jupyter-lab
```

```
conda install -c conda-forge ... (or pip install ...)
```

(For more information, see the file attached

conda-cheatsheet.pdf

).

qgis_workshop_day_1.pdf

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