Workshop Resources

- Wiki: https://wiki.eolab.de/doku.php?id=start
- Geoportal: https://geoportal.igac.gov.co/contenido/datos-abiertos-cartografia-y-geografia
- Mapping Service: https://www.colombiaenmapas.gov.co/#
  - Use case: https://www.colombiaenmapas.gov.co/?e=-82.43784778320864,-0.17644239911865092,-71.23179309571162,9.90326984502256,4686&b=igac&u=0&t=23&servicio=204#
- Feature Server: https://codgis.itos.uga.edu/arcgis/rest/services/COD_External/COL_pcode/FeatureServer
  - Use case: https://codgis.itos.uga.edu/arcgis/services/COD_External/COL_pcode/MapServer/WFSServer?request=GetCapabilities&service=WFS
- QGIS Geographical Information System: http://qgis.org/en/site/
- Anaconda Python distribution: https://www.anaconda.com/
- Notepad++ Text Editor (for Windows users only): https://notepad-plus-plus.org/
- We will use several special Python packages to process geodata and to interact with geodatabases. The following list is not comprehensive:

- ftplib
- geopandas
- shapely
- fiona
- pyproj
- sodapy
- matplotlib
- pandas
- numpy
- json
- requests

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

```
conda create -c conda-forge -n geo python
conda activate geo
conda install -c conda-forge ...
```

```
For more information, see the git repository of the course as well as
[[conda-cheatsheet.pdf]]
```

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