

Data Exploration Exercise

In your own time, take 1-2 hours (max) to explore the following dataset. This task is more about assessing your general approach rather than how much content you've produced:

1) Download the BasinATLAS data in either format (NB get in touch if you have trouble accessing any of the data):

BasinATLAS data (.gdb): <https://figshare.com/ndownloader/files/20082137>

BasinATLAS data (.shp): <https://figshare.com/ndownloader/files/20087237>

Website: <https://www.hydrosheds.org/hydroatlas>

Attribute catalogue: https://data.hydrosheds.org/file/technical-documentation/BasinATLAS_Catalog_v10.pdf

2) Import the data into R or python and select one or more variables in the dataset to run some exploratory data analysis, producing any figures / maps that might help visualise the data

3) Think of 1 or 2 questions that could be further explored based on your initial analysis and how these might fit into an academic context

4) Collate your code and outputs and email to Peter.Alexander@ed.ac.uk & philor@ceh.ac.uk by 5pm
Weds 2nd Oct