XBeach basic course

november, 2022
Delft, The Netherlands

1 Requirements

To run the Jupyter notebook the Anaconda distribution with Python 3 (or higher) needs to be installed. The anaconda distribution can be downloaded from:
https://www.anaconda.com/

In addition, we need the following Python packages:

- Numpy
- Datetime
- Matplotlib
- Shapely
- Scipy

To install a package, run the following command in the terminal (an example is shown for Numpy):

```
Conda install numpy
```

2 How to use the Python Notebook

To open the notebook:

1. Start the Anaconda terminal.

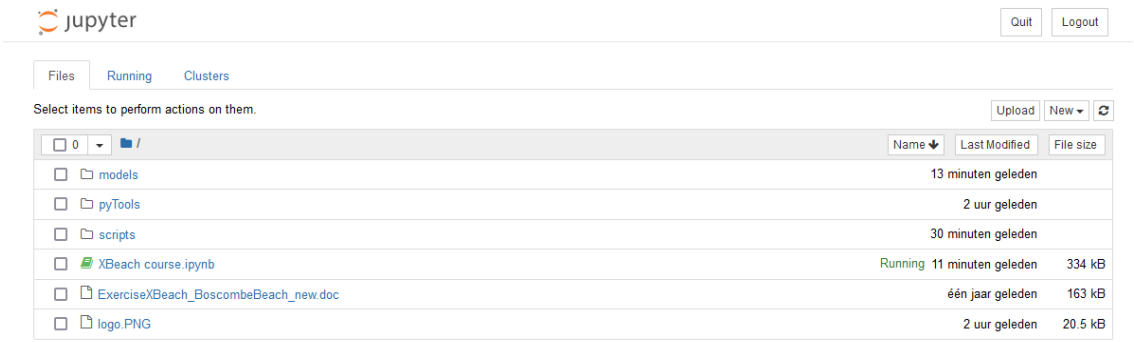
2. Go to the folder with the note book (cd path).

```
Cd d:\cursus\xbeach
```

3. Start the notebook with the following command:

Jupyuter notebook

4. Click on the *XBeach course.ipynb* file.



5. Start with the course.