

Install Anaconda and Python Libraries

Windows Users

1. Go to <https://www.python.org/downloads/> and download python 3.6.
2. Install python (downloaded executable).
3. Go to <https://www.continuum.io/downloads> and download Anaconda for Python 3.6 version
4. Install Anaconda (downloaded executable)
5. Execute "Anaconda Prompt" (in the main searcher)
6. Install the following libraries using the "conda" command
 - conda install numpy (usually it comes installed)
 - conda install h5py (usually it comes installed)
 - conda install conda install -c conda-forge basemap=1.0.8.dev0
 - conda install netCDF4

Mac OS and Linux Users

1. Go to <https://www.python.org/downloads/> and download the command-line installer Anaconda for Python 3.6
2. Install Anaconda in the terminal (downloaded file).
 - For Mac Os type: `bash Anaconda3-4.4.0-MacOSX-x86_64.sh`
 - For Linux type: `bash Anaconda3-4.4.0-Linux-x86_64.sh`
3. Install the following libraries using the "conda" command
 - conda install h5py (usually it comes installed)
 - conda install Basemap
 - conda install netCDF4
 - conda install scipy
 - conda install PIL

Final notes:

- Python scripts can be written at any text editor, these scripts need to be saved using the extension ".py"
- In general, for executing a python script you need to type: `python name_script.py`
- To start python interpreter in Windows open Anaconda Prompt and type: `python`, and for mac and Linux open terminal and type: `python`
- To start jupyter notebook in Anaconda Prompt `jupyter notebook`