

Install WSL, Ubuntu, and Anaconda

Enable WSL in Windows by opening a PowerShell prompt as an administrator

1. `wsl --install`
2. `wsl --set-default-version 2`
3. `wsl --install -d Ubuntu`

Re-start the computer and start Ubuntu

4. `sudo apt-get update`
5. `sudo apt-get install imagemagick`
6. `sudo apt-get install firefox --fix-missing`
7. `sudo apt install x11-apps -y`

Start a new Ubuntu

8. `wget https://repo.anaconda.com/archive/Anaconda3-2024.02-1-Linux-x86_64.sh`
9. `bash Anaconda3-2024.02-1-Linux-x86_64.sh`

Install, R, NCL, and eccodes (for grib handling of ECCC data)

1. Create an r environment

2.

conda create -n renv

2. Install R, ncl, and eccodes under renv

conda install -n renv -c conda-forge eccodes ncl r-ncdf4 r-rnetcdf

3. To activate renv environment

conda activate renv

4. To deactivate

conda deactivate