

Water Accounting +

Introduction to the WAPORWA Framework

October 27, 2022 – Session IV

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Install WAPORWA

Step 1: Install Anaconda

Step 2: Download WAPORWA

Step 3: Create python environment for WAPORWA

Step 4: Test installation

Step 1: Install Anaconda

Download the WAPORWA from here:

https://repo.anaconda.com/archive/Anaconda3-2022.10-Windows-x86_64.exe



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Anaconda Individual Edition

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For Windows

Python 3.8 • 64-Bit Graphical Installer • 477 MB

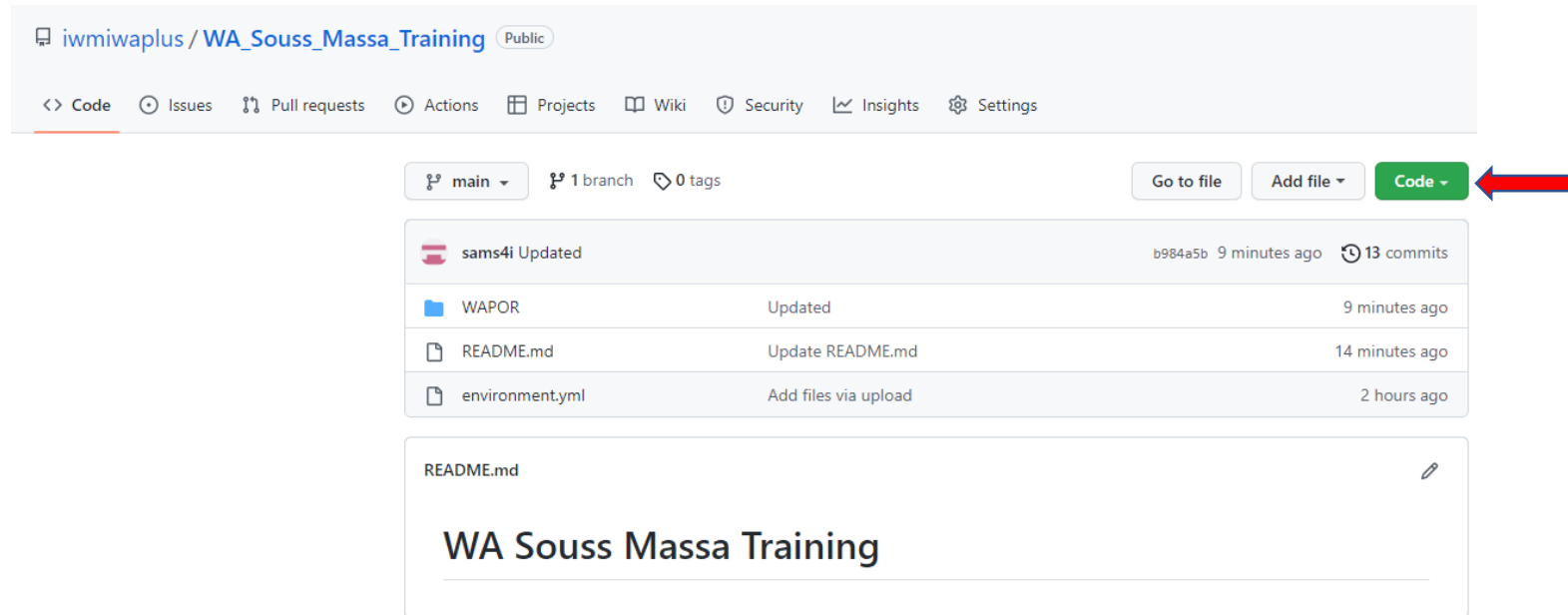
Get Additional Installers



Step 2: Download WAPORWA

Download the WAPORWA from here:

https://github.com/iwmiwaplus/WA_Souss_Massa_Training/

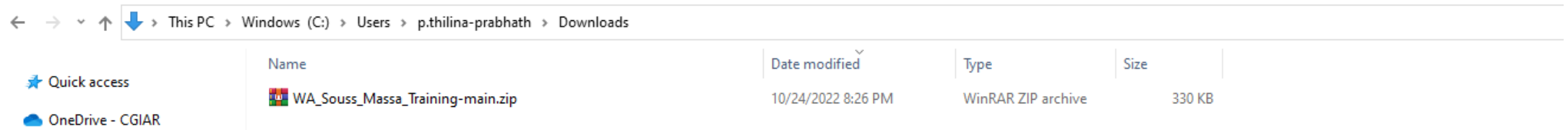


Click on [code](#) then the download zip

Step 3: Create python environment WAPORWA

Create a new environment with all the necessary Python packages for running WAPORWA

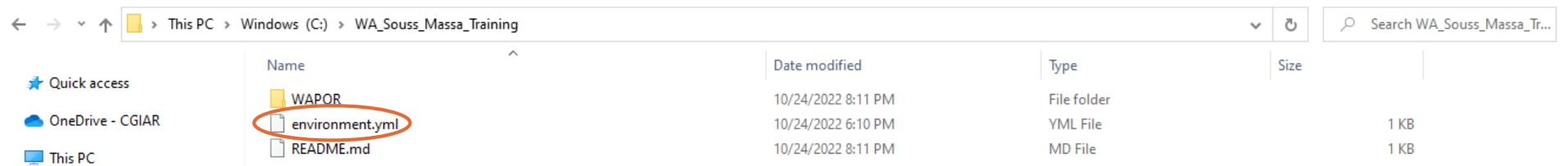
- Unzip folder **WA_Souss_Massa_Training-main**



- Rename the folder as **WA_Souss_Massa_Training**

Step 3: Create python environment WAPORWA

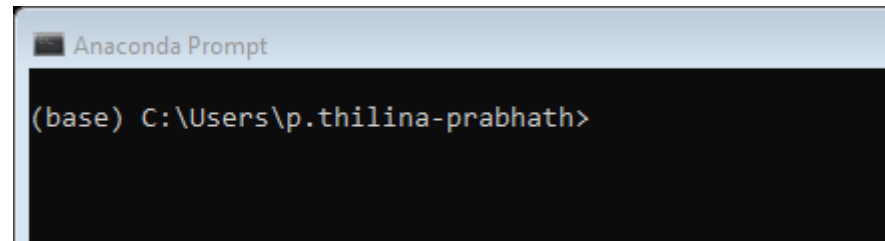
- Move WA_Souss_Massa_Training to working location
(example:- C:\WA_Souss_Massa_Training)



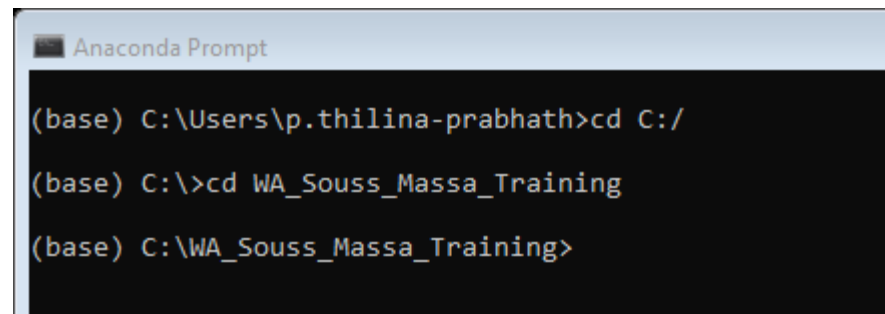
- Within **WA_Souss_Massa_Training** folder locate environment.yml file

Step 3: Create python environment WAPORWA

- Make sure you have internet access
- Open Anaconda prompt and change to **WA_Souss_Massa_Training** folder
- On my computer **WA_Souss_Massa_Training** is on the C



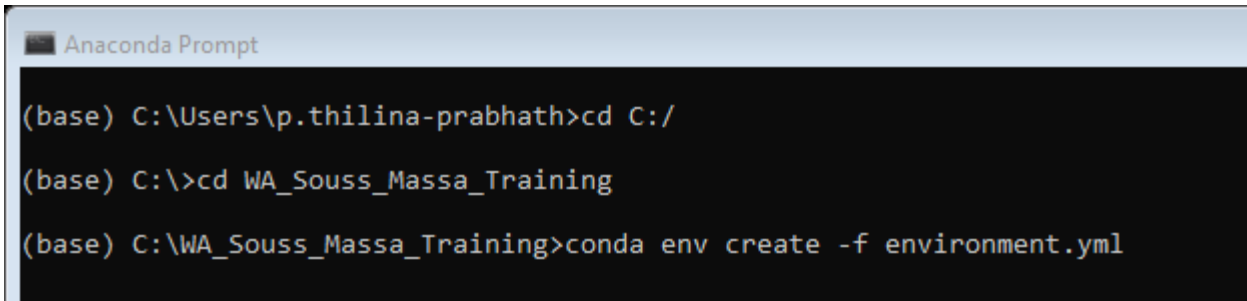
```
Anaconda Prompt
(base) C:\Users\p.thilina-prabhath>
```



```
Anaconda Prompt
(base) C:\Users\p.thilina-prabhath>cd C:/
(base) C:\>cd WA_Souss_Massa_Training
(base) C:\WA_Souss_Massa_Training>
```

Step 3: Create python environment WAPORWA

- Create a new environment (Python 3) with
- all the necessary Python packages for running WAPORWA
 - Type *conda env create -f environment.yml*
 - and press enter.



```
Anaconda Prompt

(base) C:\Users\p.thilina-prabhath>cd C:/

(base) C:\>cd WA_Souss_Massa_Training

(base) C:\WA_Souss_Massa_Training>conda env create -f environment.yml
```

- This might take a while depending on internet ... be patient

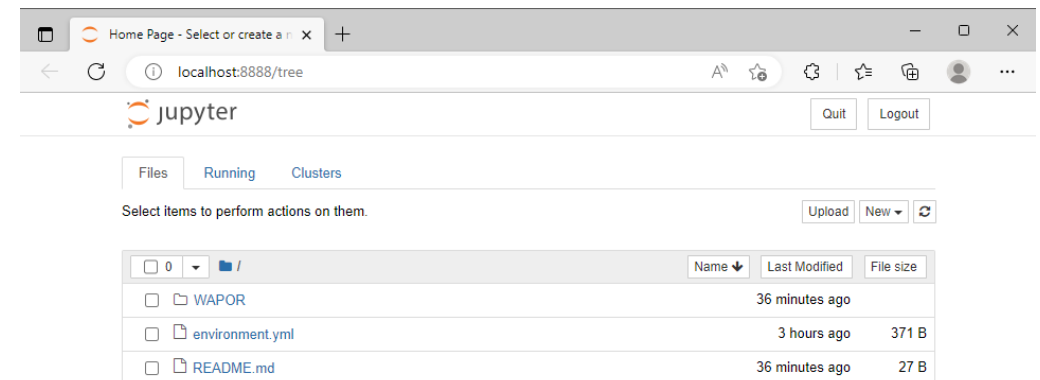
Step 4: Test the installation

- Activate environment :
 - Type *conda activate waporwa* and press enter.

```
(base) C:\WA_Souss_Massa_Training>conda activate waporwa
(waporwa) C:\WA_Souss_Massa_Training>
```

- With the waporwa environment activated lets open a python jupyter notebook
- Type **jupyter notebook**

```
(base) C:\WA_Souss_Massa_Training>conda activate waporwa
(waporwa) C:\WA_Souss_Massa_Training>jupyter notebook
```





International Water
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Thank you

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