**ESA SNAP 6.0.0**

<http://step.esa.int/main/download/snap-download/previous-versions/>

(EAS SNAP 7 may have some problem for now)

**Python Environment Configuration**

**Step 0: Install Anaconda and PyCharm**

Anaconda (Python 3.7 64-bit) <https://www.anaconda.com/distribution/#windows>

PyCharm-Community <https://www.jetbrains.com/pycharm/download/#section=windows>

Test conda: It works well if it looks like the following picture, otherwise you need to add the path of “conda.bat” into the system environment variable (see the second picture).







**Step 1: Create an environment named “lab” and activate it (in Pycharm Terminal)**

> conda create –name lab

> activate lab

*(base) E:\TensorBoard\_Test>activate lab*

*(lab) E:\TensorBoard\_Test>*

**Step 2: Install python libraries required for lab (in Pycharm Terminal)**

> conda install pip==19.1.1

> conda install gdal

> pip install –r (Path to the file) requirements\_py3\_TF115.txt

> python

(lab) E:\TensorBoard\_Test>python

Python 3.7.5 (default, Oct 31 2019, 15:18:51) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32 Type "help", "copyright", "credits" or "license" for more information.



>>> import tensorflow as tf

>>> tf.\_\_version\_\_

'1.15.0'



If there is any problem, please contact Puzhao Zhang: puzhao@kth.se