

HOW TO INSTALL AERIAL PHOTOGRAPHY SIMULATION

Step 1 Install Anaconda3:

- download Anaconda 3 from official website: <https://www.anaconda.com/products/individual>
- run the executable to install it;
- always press next and accept default options.

Step 2 Create a new environment:

- open up anaconda prompt as an administrator;
- write on the terminal "conda create -n myenv python=3.7 anaconda" and press enter.

Step 3 Install libraries:

- write on the same terminal "conda install -n myenv rasterio" and press enter;
- write on terminal "conda install -n myenv scipy" and press enter, it might be already installed;
- write on terminal "activate myenv" and press enter;
- write on terminal "pip install opencv-python" and press enter;
- write on terminal "pip install pyqt5" and press enter;
- write "conda list" and check if all packages installed correctly;

Step 4 Run MainWindowGUI.py:

- from the same terminal window, with myenv activated, navigate to source file folder with "cd" command.
- Once in the folder containing MainWindowGUI.py and all other source files, write on the terminal "python MainWindowGUI.py" and press enter;
- If everything went fine, APS's should now open.