Running SHARPpy from the Linux Command Line or Windows Anaconda Powershell

- Download Anaconda 3 to your home directory and proceed with the installation.
  - Go to https://www.anaconda.com/products/individual for instructions on how to set-up.
- Type the command "conda install -c conda-forge sharppy" to download the required Python packages.

If SHARPpy is not installed…

- Use Git to download the SHARPpy repository to your home directory.
  - Open the terminal and type "git clone https://github.com/sharppy/SHARPpy.git".
- Type the command "cd /home/<user>/SHARPpy" followed by "git checkout -b nucaps" to create and switch to your local "nucaps" branch.
- Type the command "git pull origin nucaps-test" to download the NUCAPS code to your local branch.
- Enter the command "conda env create –f environment.yml" to create a dedicated anaconda environment just for running SHARPpy.
  - Then type "conda activate devel" to switch to this anaconda environment.
- Run the command "python setup.py install" to install SHARPpy.
- In the terminal type the command "sharppy" to launch the program.

If SHARPpy is already installed…

- Type the command "cd /home/<user>/SHARPpy" followed by "git checkout -b nucaps" to create and switch to your local "nucaps" branch.
- Type the command "git pull origin nucaps-test" to download the NUCAPS code to your local branch.
- Run the command "python setup.py install" to install SHARPpy.
- In the terminal type the command "sharppy" to launch the program.

Running SHARPpy From a Windows or Mac Executable

- Go to https://github.com/sharppy/SHARPpy and locate the "Releases" section on the right-hand side.
- Click the "+" button to expand the list of executables for all releases.
- Locate and download the .zip file for the operating system you are using.