# *Cheat Sheet*

## ***Prerequisite***

- Python interpreter should be Python 2.7 (64 bit and not 32 bit to avoid running out of memory error).
- R studio.
- In HydroShare once a resource is published user cannot modify or change it. SO PLEASE DO NOT PUBLISH INCOMPLETE RESOURCES. Consider the publish button is your danger zone you must be careful of your steps, do not press this button unless you are sure of all the content of the resource. You can make your resource public or discoverable or sharable instead.
- All script and data used for this paper are shared through HydroShare Resources. A collection resource was created to aggregate all the resources related to street flood severity modeling in Norfolk, Virginia USA (raw and pre-processed data, scripts used to perform the pre-processing, scripts used to train data-driven algorithms, and results from the models). HydroShare is once the resource is published user cannot modify it.
- All scripts are also available on GitHub.
- Input data for the prepare_flood_events_table.py script could be found here.
- For the R script model_flood_counts_rf_ps_cln.r give the absolute path for the input data.
- There are other issues you will face in order to run the whole workflow successfully; some are very simple other may require a little bit of time to it figure out but still not hard to figure them out. But put in your mind that this paper is REPRODUCIBLE.

GOOD LUCK