**MANUAL FOR USING GUI FOR FSF\_MODEL**

This manual describe how to use graphical user interface (GUI) for free surface flow model developed using Preismanns scheme.

***Getting started***

- When the script for GUI is opened in the Visual Studio code administrator, it has all the necessary files and libraries required to run the code in the web browser.

- The code is ran by by typing ‘*bokeh serve samp1.py –show*’ in the terminal. Then it opens in the web browser or

- ‘*bokeh serve samp1.py --allow –websocket*’ to allow access in other computers. Origin: 5006 and this makes it to be accessed publicly when the IP address is shared or

- Three buttons to run this model

**How the Buttons work**

- Click *Load files button to load the data*

- Click *run model* button to so as to compute other values of h and Q*.*

- Then click *Animation button* to run the computed simulated results on Q and h plots with distance.

Note. If you want to change parameters, you have to load a text file of the format as attached text files for the data.