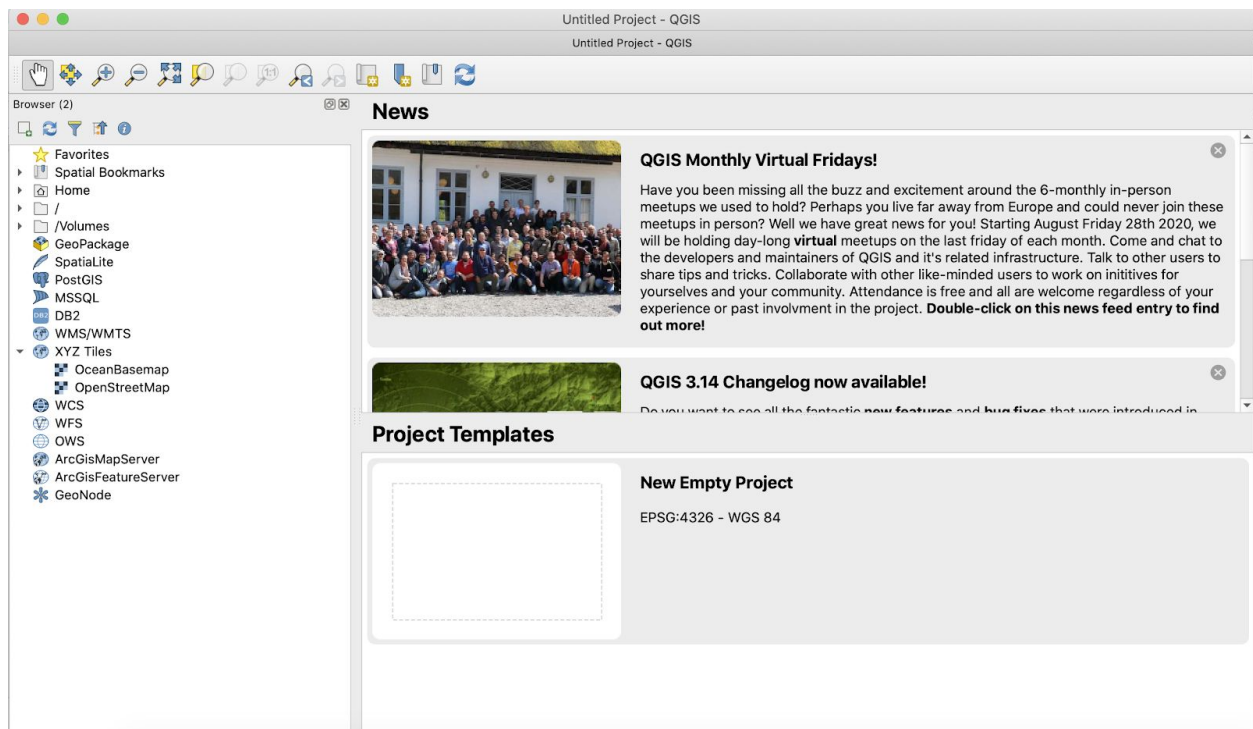


## How to Visualize Results

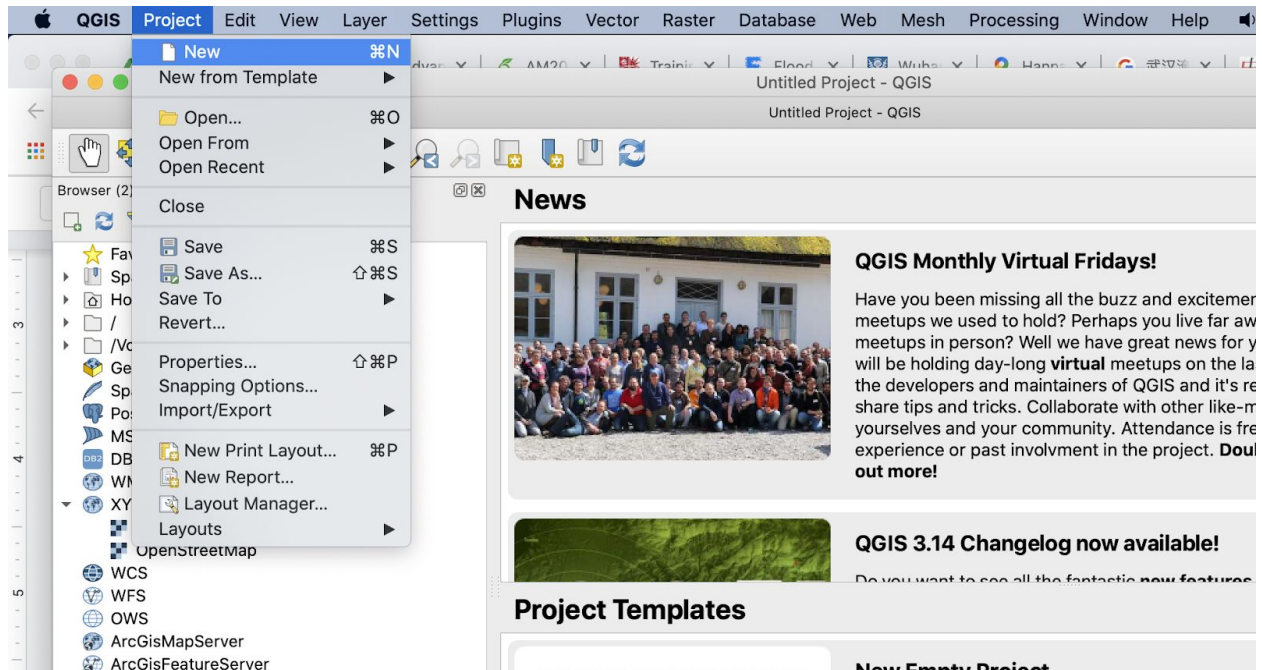
This document is for MacOS users who want to view our model's results. Please download QGIS3.0.

For Windows user, in GitHub's repo, /model\* folder contains a .exe file called Floodview. You can view an animation of the flood dynamics using the *FloodView*. To open *FloodView*, simply double click the icon. First, load in the DEM using the File > Load DEM menu. Then choose a set of results to view and load in the 10 output files ending with the extension .wd from the results folder using the File > Open menu (using the ctrl key to select all 10 files at once). As the model has ramped up from initial conditions to steady-state, the final .wd file should be the most accurate. FloodView is a bit crabby (with the tendency to crash) so make sure you do things in exactly this order.

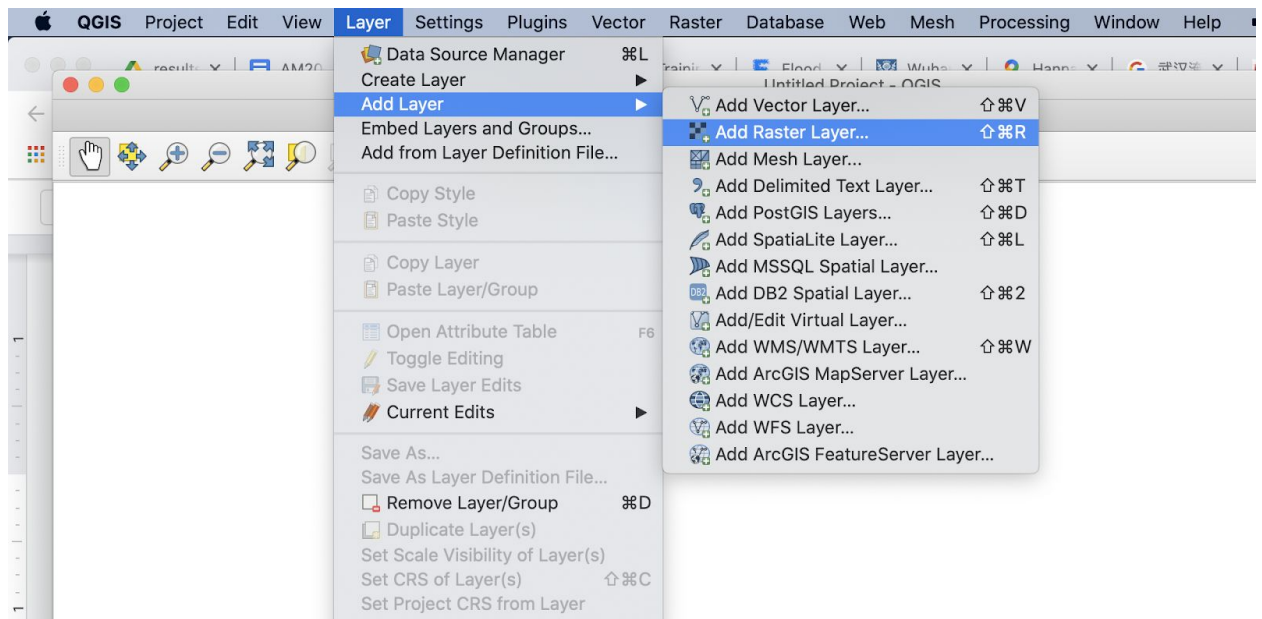
### Step 1: Open QGIS



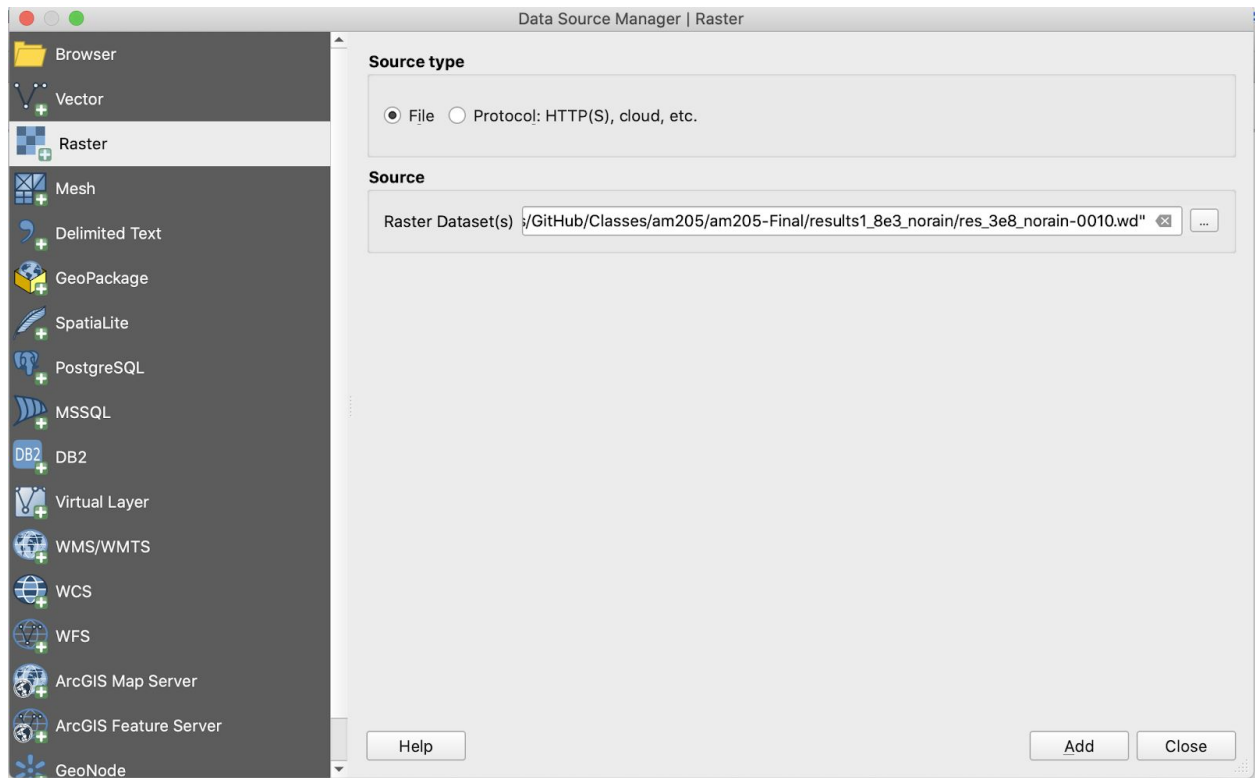
### Step 2: Create a brand new project



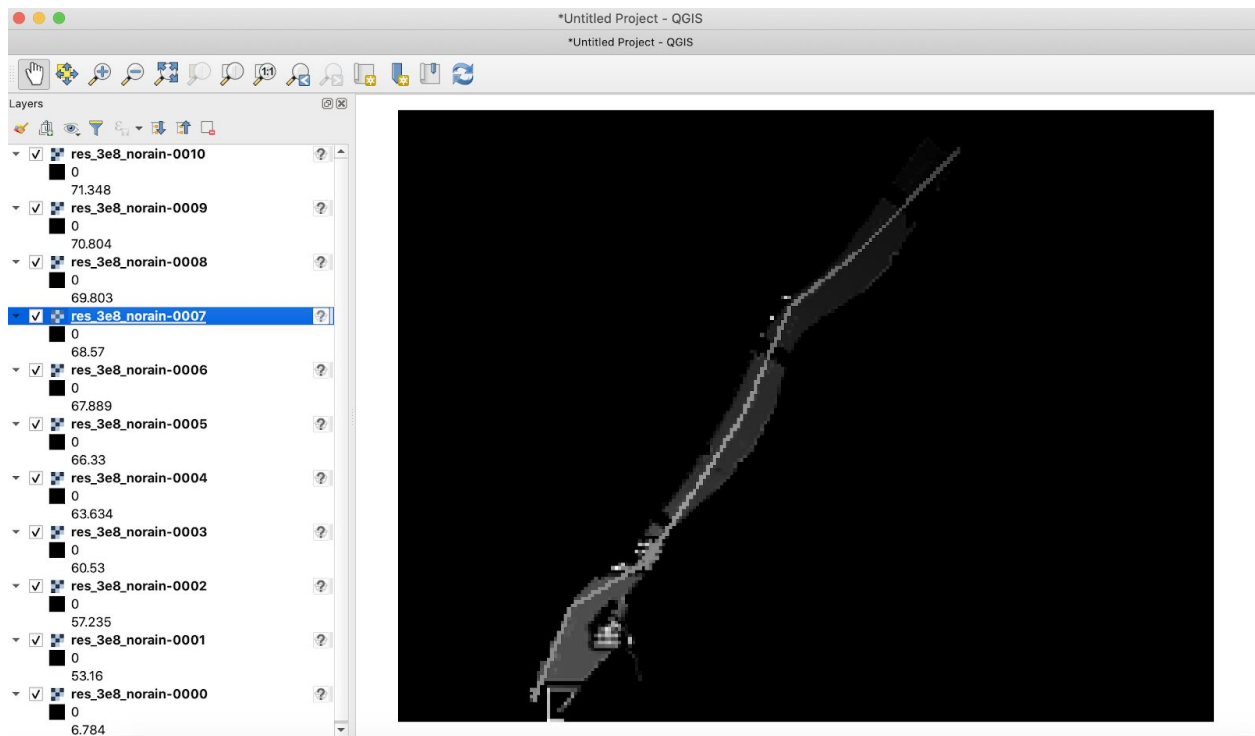
Step 3: Go to “Layer” - “Add Layer”- “Add Raster Layer”



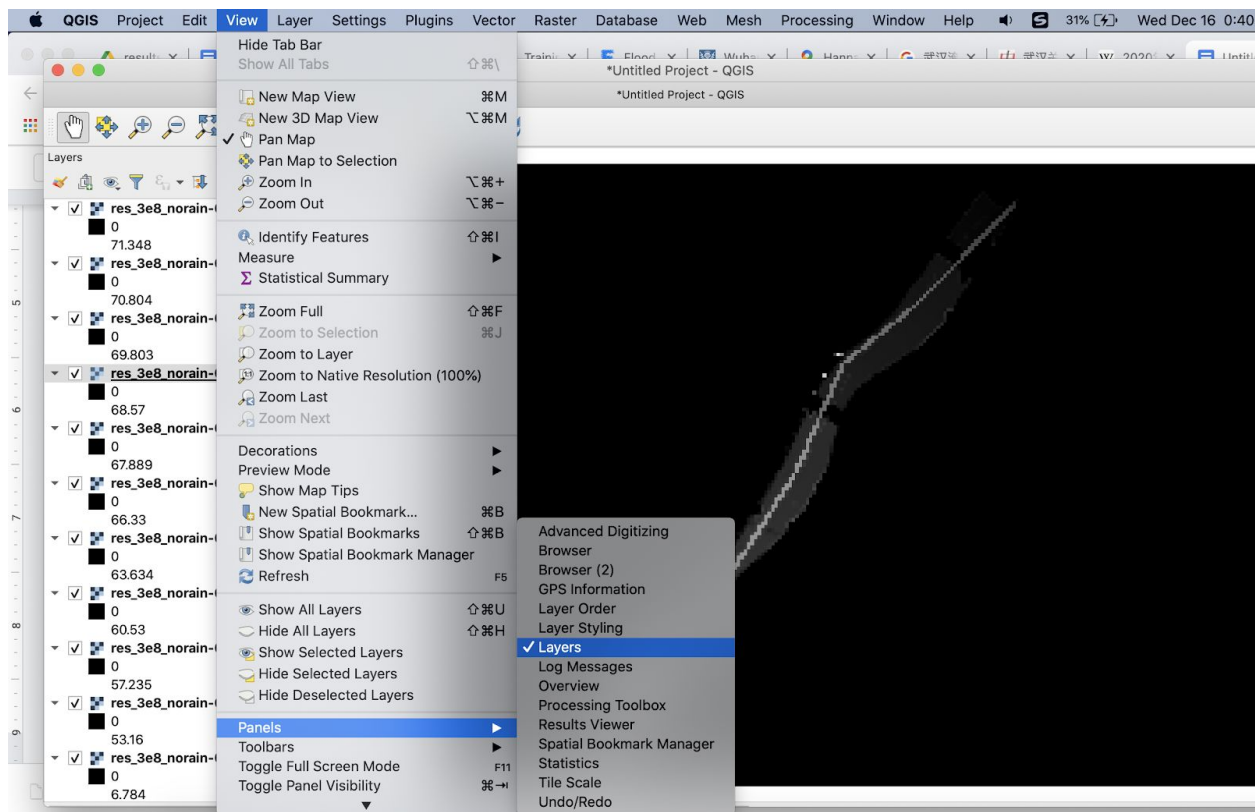
Step 4: Open ASC files, like .wd. You can select more than one files at the same time. When done, click “Add.” Then close this window.



Step 5: You should see the DEM with simulation loaded on the screen and a list of files you chose on the left in the Layers panel. If you opened .wd file, you should be able to see the river.



If the Layers panel does not show up, you can open it by clicking “View” - “Panels” - “Layers.”



.wd files are numbered in the simulation time. Meaning, 00 is the first file. You can view this process by selecting and unselecting them in the Layers panel.