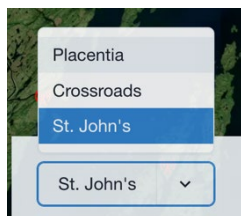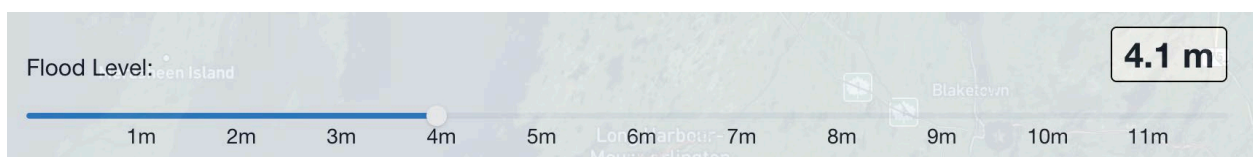# User Guide for the Coastal Flood Simulation App

The Interface:

The interface has three primary control areas: the region & flood level selector, the map widget display toggles, and the basemap selector.
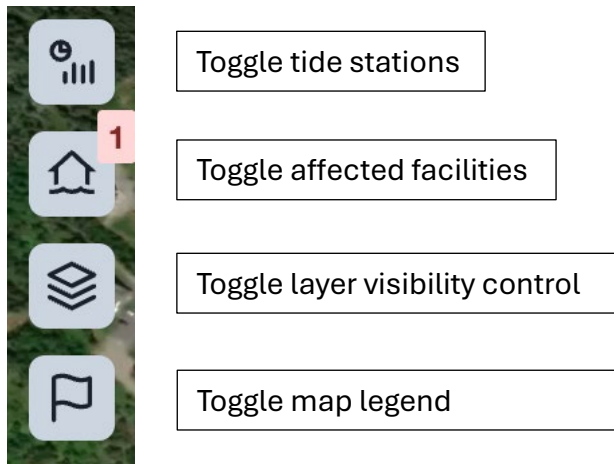

The region selector allows the user to select a region in which to simulate the flood levels.
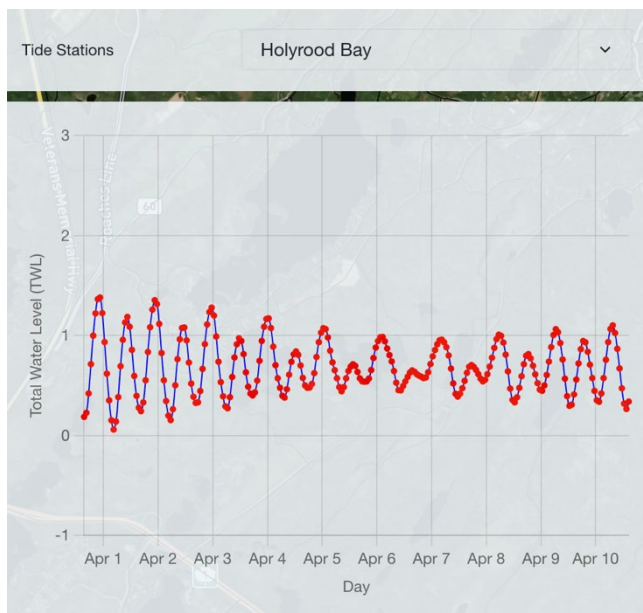
The flood level selector allows the user to change the simulated flood level between 0 and 12 meters, in 10 cm increments. As the flood depth is changed, the extent of the blue polygon on the map will change to match the users selected level.

The map widget display toggles control the information panels (widgets) visible to the user:

Toggle tide stations

Toggle affected facilities

Toggle layer visibility control
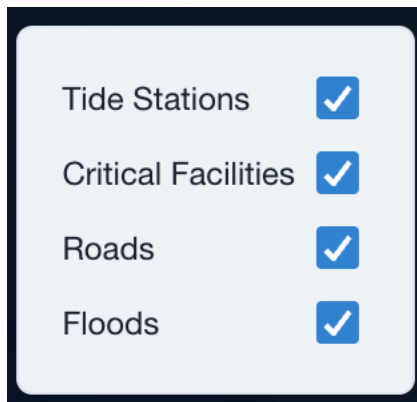
Toggle map legend

Tide station panel:

The tide station panel shows the predicted tide levels for the selected tide station for the next 10 days.
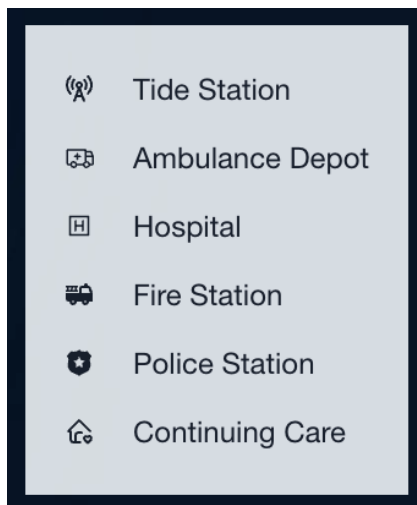
A tide station can be selected by clicking on the map or by selecting from the drop down list.

The affected facilities panel lists the facilities within the currently selected flood depth and map window.
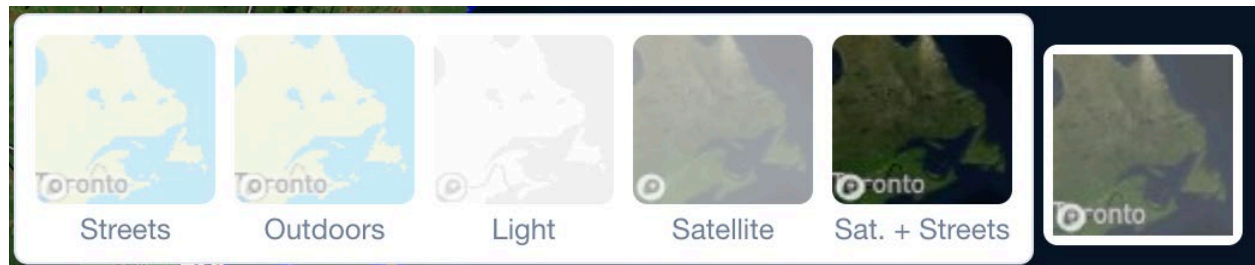

The layer control panel allows the user to turn on and off layers.

The legend shows the user each of the critical facility types available on the map with their corresponding symbol.

The basemap selector allows the user to switch between 5 different basemaps to suite their preference.

Using the app

To view the simulated flood level in a particular area, zoom in to the area in question and select the desired flood level using the slider:

| A 10.2 m simulated flood | A 2.1 m simulated flood |