Hints and Tips

1. The Coastal Resilience tool is web-based. Make sure your internet connection is working before use.

2. The Coastal Resilience tool can be used in most Internet browsers, including Chrome, Internet Explorer, Firefox, and Safari. However, be sure your browser is up-to-date to avoid issues.

3. It is a good practice to reboot your device before using the tool to ensure that you have sufficient memory available to use it.

4. It may be helpful to periodically refresh the browser window (refresh button or F5 key) in which you are viewing the *Coastal Resilience* tool in order to prevent errors from occurring. Keep in mind that refreshing will return the *Coastal Resilience* tool to its beginning state.

5. Refresh your browser window if the *Coastal Resilience* tool seems laggy, if layers are stuck or not showing, or if features seem to be acting strangely. Again, this will return the *Coastal Resilience* tool to its beginning state. The F5 key is your friend!

6. If the *Coastal Resilience* tool really seems to be stuck, try clearing the local cache in your browser by pressing Control + F5 (you may want to press this several times to fully clear the system). On an Apple machine the command is Command + R. You can also close the browsing window or tab and open it again to fully flush the site.

7. Another option to avoid issues caused by web browser history is to open the *Coastal Resilience* tool in a window which does not retain cookies or other browsing data. This is known by different names in different web browsers. For example:
   o Chrome: incognito window
   o Internet Explorer: InPrivate Browsing
   o Firefox and Safari: private browsing window

8. The *Coastal Resilience* tool is optimized to work on desktops and laptops, and may experience issues when open in a tablet or hand-held devices. Additionally, the *Coastal Resilience* tool map viewer may seem crowded when viewed on a laptop.

9. If a background map layer does not load (grey screen displayed), try choosing another layer or changing the zoom level. Some layers do not appear when zoomed in extensively.

10. For a quick run-down on the functions of the tool click on Tour – this will point to the different elements of the tool and give a short explanation of them.

11. When you open an app the icon changes color and appears like an app on your phone. When done using the app you can either use the close ('x') button in the upper right hand corner to remove it from being active, and will remove data from the map, or the minimize ('_') button

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to have it remain active and therefore keep data on the map. You can have multiple apps open – minimizing the apps helps maximize how much of the map is shown. Keep in mind that opening the Map Layers App will minimize other open apps.

12. Likewise, the Map Legend can be minimized ('_') – to get the legend back you will find a white button on the left side of the map. Hover your cursor over these button and they will tell you what they do.

13. Most of the windows that appear on the map (i.e. app windows, map legend) can be dragged around by clicking down on your mouse when the cursor is hovering over the top black bar. They can also be resized and may need to be, depending on your browser, platform (computer, tablet, etc.), and the amount of data being shown (Map Legend, for example). Click and drag the bottom right corner of the window to resize it, or simply scroll up or down in the window to view additional data.

14. App data displays in the order in which you access it. For example, if you open the Flood & Sea Level Rise App first, then the Future Habitat App, future habitat data will be layered on top. For this reason, we recommend opening the Map Layer App last if you wish to use it.

15. Clicking on data that appears on the map will open an Identify window showing the attributes of the data layer. If the Identify box is too big and goes off the map then pan the map (click and hold mouse down, then drag) until you see the entire window; the Identify window does not move.

16. You can also hold the Shift key down and click and hold the mouse to draw a box map for zooming into a particular area.

17. Using Split View creates two maps. The left map is Full Map 1, the right map is Full Map 2. When you want to go back to viewing a single map you can choose Map 1 or Map 2 and switch between them without having to go back to Split View.

18. We do not recommend using the Coastal Defense app in Split View given the size of the input app window.

19. Remember that the *Coastal Resilience* tool is a work in progress! If you find obvious errors, feel free to report them to vacoastalresilience@tnc.org.

Thank you very much for using the *Coastal Resilience* tool!

If you have any feedback, please submit it in the form of our Post-Workshop Survey, or speak with a member of our training team.

Training dates for our Coastal Defense and Barrier Island Apps will be released soon!

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