Hawai'i and Pacific Islands King Tides Project

Education, Observation, and Application
A Citizen Science and Extension Program

For full program details, please visit the project website:

http://ccsr.seagrant.soest.hawaii.edu/hawai'i-and-pacific-islands-king-tides-project

How to Participate

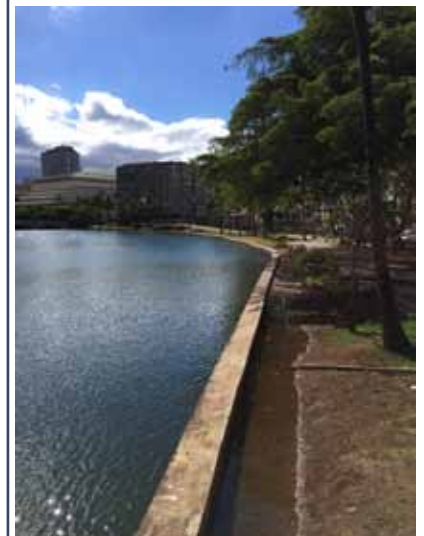Participation in the *Citizen Science photo survey* takes just a few steps:

1. Visit **https://getliquid.io/home** to join the King Tides dataset, which is hosted by Liquid. To set up your account, establish a username and passowrd, then sign into the new account. Search "HI Sea Grant" and join the dataset (i.e., select "Join Dataset").

2. Using an iPhone: go to the App store to download and install the "*liquid mobile data collection*" application. Open and login to the app. Since you already joined the dataset on-line, the King Tides dataset will open when you login.

3. Enter data! Select "new record," take a photo* using the camera icon on the data entry form, fill in all required data, then press "submit." Pau! Now go record more observations!

4. Using a computer^: Enter data at the Liquid website. Select "add record," and use the camera icon to upload each photo* from your desktop, fill in all required data, then press "submit." Pau! Now enter your next observation!

Liquid officially supports Chrome. We suggest that you **use Chrome**.

* Please see the next page for more guidance on taking pictures and filling out the form to provide the best possible data.

^ Important: If you are uploading your photo from a computer, use your phone's compass to take a GPS location in latitude and longitude before you change locations.

Staying safe along the shore: The shoreline is a dynamic environment with benefits and risks. Always reduce risk to yourself and others when capturing King Tides imagery. Be aware of your surroundings (e.g., wind, waves, edges, steps, etc.) and observe your location and routes before heading out. Avoid locations that require climbing on rocks, walls, or other structures, and ensure you access sites via public access points. Dress appropriately (you may get wet!), but most of all, have fun! MAHALO for your contributions!

Guidance for Taking a Picture

1. At your selected location, take time to observe the water - find, and stand at, the highest wet water line in the sand, lawn, and/or road. Take a step mauka from that line. Take the photo facing parallel to the shoreline. If available, include some sort of feature in your picture (e.g., wall, lifeguard station, dock, etc.).

2. Ideally, you'll want your image to capture the highest water line (i.e., highest wash of the wave) - this requires patience. However, all images and associated data are helpful for the objectives of the Citizen Science documentation and future application of the data.

3. If using the iPhone app, you must take the photo using the camera icon in the data entry phone. The app does not access your photo library, nor does it save the image to your library.

Guidance for Entering Information in the Data Form

1. Location*: In the iPhone app, select ⌁ icon.^

2. Location Description*: Be as decsriptive as you can about your location, e.g.: "Fort DeRussy at handball courts," "McCully Street bridge at bus stop at Ala Wai Canal."

3. Orientation*: Use your phone's compass; select from menu.

4. Date*: This will autopopulate in the iPhone app.^

5. Time*: This will autopopulate in the iPhone app.^:

6. General Comments (optional): This allows you to provide additional interesting and/or important information about your photo.

7. Photographer's Name (optional): If you would like your name associated with your image, please enter here.

* = required field

^ Important: If you are uploading your photo from a computer, use your phone's compass to take a GPS location in latitude and longitude before you change locations. Similarly, record the date, time, orientation and other information for required fields.

By uploading an image you irrevocably consent that it may be used for educational, research, outreach and promotional purposes, in any medium, in perpetuity.