***USVI King Tide documentation basics***

Select a shoreline site.

On **Nov 16-17, 2020:**

1. **Take pictures** from a specific location and positioning, in two or three spots (that you can return to).

*Beach*:pictures of the length and width of the beach

 *Built shoreline*: pictures of the waterline, from alongside (rather than facing downward)

2. **Record** the exact time and locations (use landmarks or GPS).

THANKS!!

Recommended: Record a video of the site and the shoreline/waterline (15-30 seconds duration).

Optional: **Measure** the distance from a fixed position to the waterline.

*Beach*: **measure** the distance over ground from one or two landmark or recorded sites on the shoreline (vegetation, structure, etc.) to the waterline.

*Built shoreline*: **measure** the depth of the water (with a wooden yardstick, for example) at one or two points along the shoreline.

On **Nov 23-30, 2020:**

1. **Take pictures** from the same location and positioning, in two or three spots.

*Beach*:pictures of the length and width of the beach

 *Built shoreline*: pictures of the waterline, from alongside (rather than facing downward)

2. **Record** the exact time and locations (use landmarks or GPS).

THANKS!!

Recommended: Record a video of the site and the shoreline/waterline (15-30 seconds duration).

Optional: **Measure** the distance from a fixed position to the waterline.

*Beach*: **measure** the distance over ground from one or two landmark or recorded sites on the shoreline (vegetation, structure, etc.) to the waterline.

*Built shoreline*: **measure** the depth of the water (with a wooden yardstick, for example) at one or two points along the shoreline.

Send images with site name, date, time, etc. to hilary.lohmann@dpnr.vi.gov

Tips for Effective King Tides Photos, Eyes on the Tide, Florida:

* *Take pictures at or near peak high tide*. You can track high tides and water levels in your area using NOAA’s Tides and Currents page.
* *Take pictures where the impact of tides can be gauged against familiar landmarks*, such as buildings, roads, parking lots, sea walls, & shorelines.
* *Take contrasting shots of peak high and low tides*, to help show the tidal range/variation.
* *Be safe*! Use good judgment when you are taking photos; stay away from dangerous situations – such as stormy conditions – and avoid taking risks.

Photos of flooding are used in several ways to help people:

Document current flood risk in coastal areas.

Visualize the impacts of future sea level rise in their community.

Verify climate change models by comparing model predictions with the high-tide reality.

Serve as a living record of change for future generations.

**Sites of interest in St Croix: Participant:**

Seaplane port, C'sted

Cane Bay beach

Chenay Bay beach SEA

Coastal road/shoreline along Sandy Point USFWS

shoreline/channel mouth at Great Pond EEMP

Kramer's Park beach EEMP

maybe a fishery landing point?

other public access ?

**Sites of interest in St Thomas: Participant:**

Magen's Bay beach

Veteran's Drive

Lindquist beach

somewhere in STEER? CZM-Kerrin

maybe a fishery landing point?

other public access ?

Sites of interest in St John: **Participant:**

NPS or other beaches?

ferry port

Coral Bay marina