

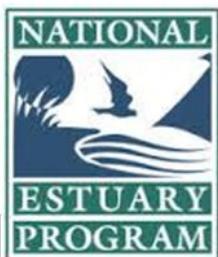
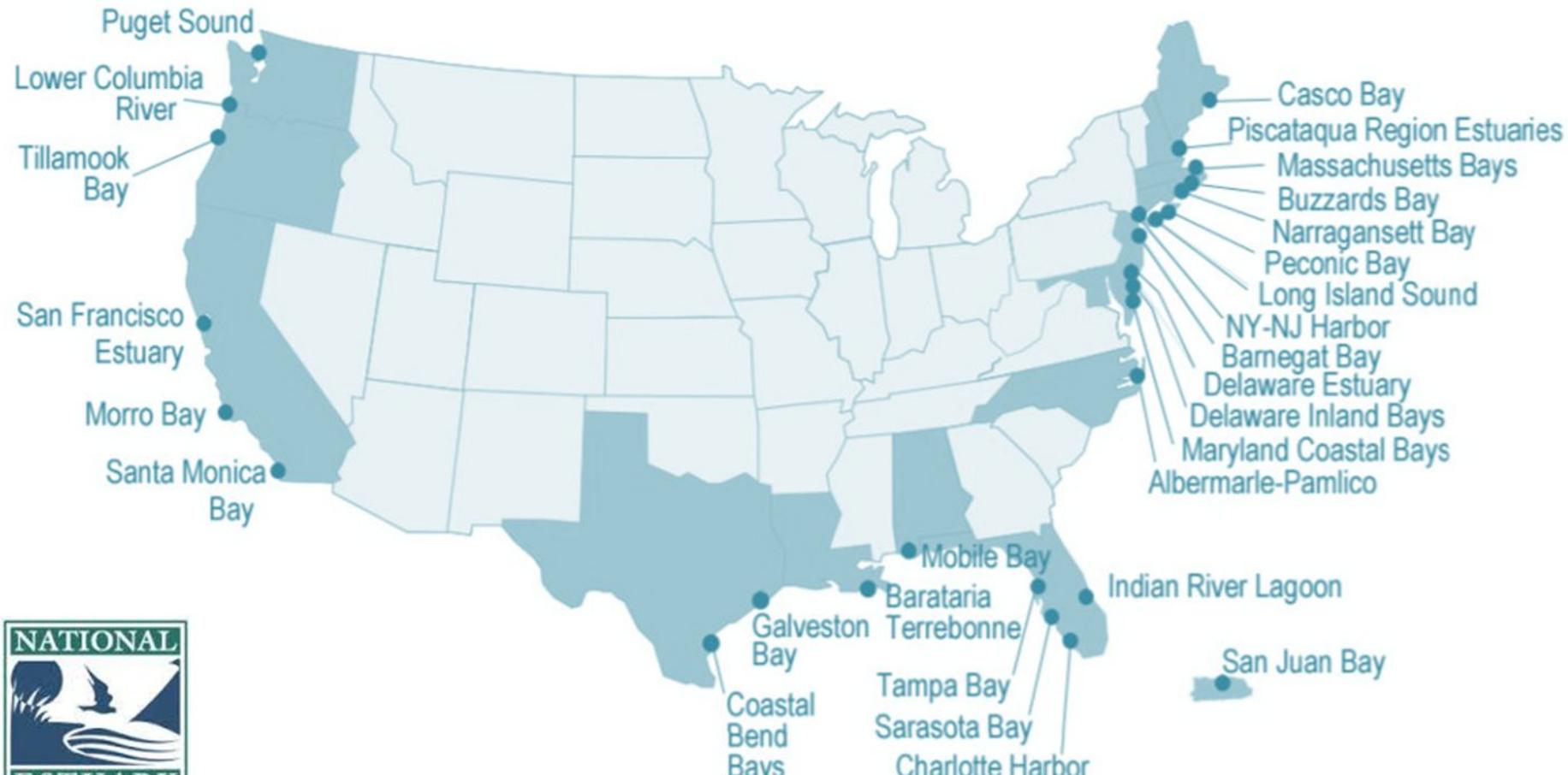


MAYA BURKE
ASSISTANT DIRECTOR
MBURKE@TBEP.ORG

STATE OF THE BAY

SUNCOAST FLY FISHERS

(5/19/2022)



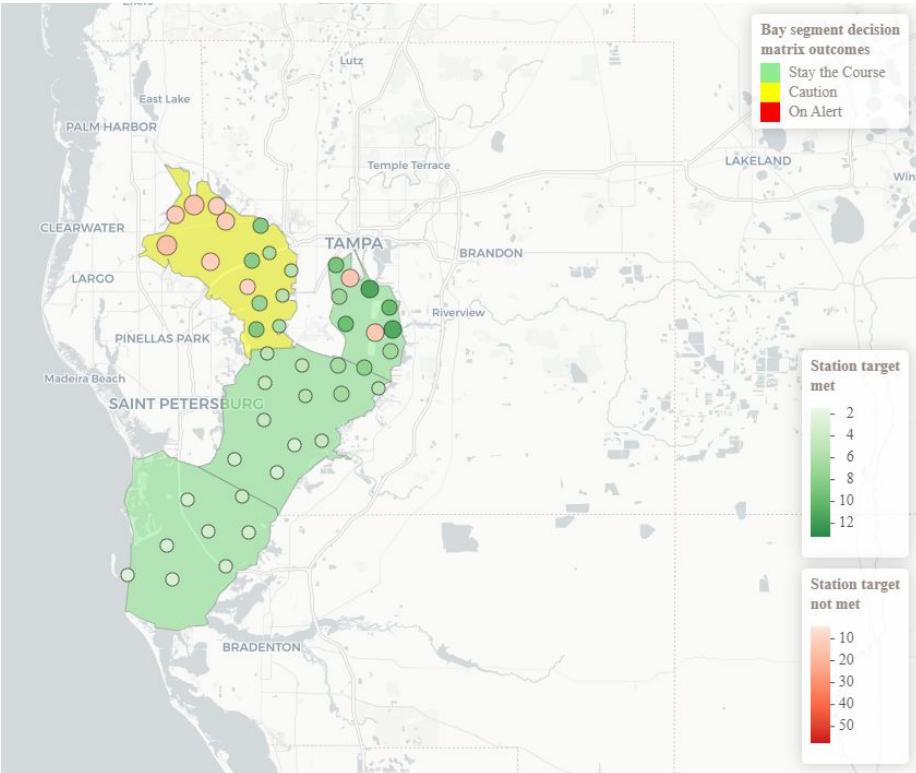


TAMPA BAY WATERSHED

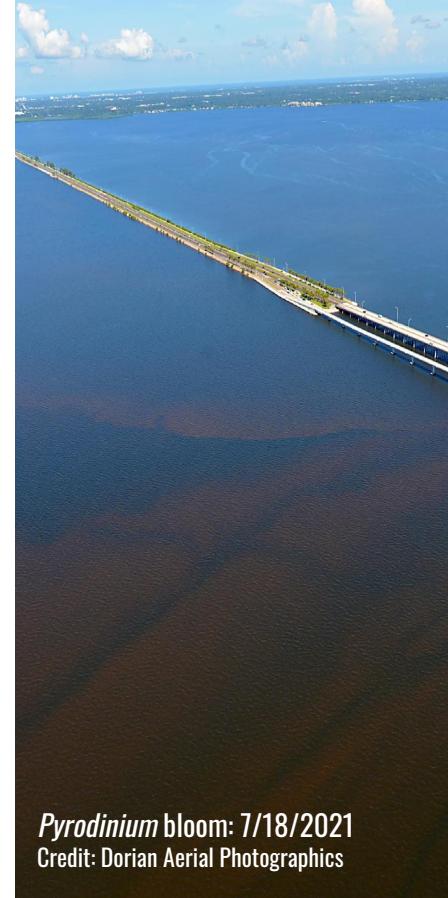




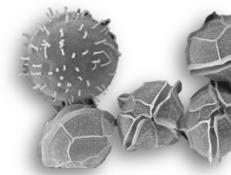
CLEAN WATERS AND SEDIMENTS



2021 WATER QUALITY RESULTS

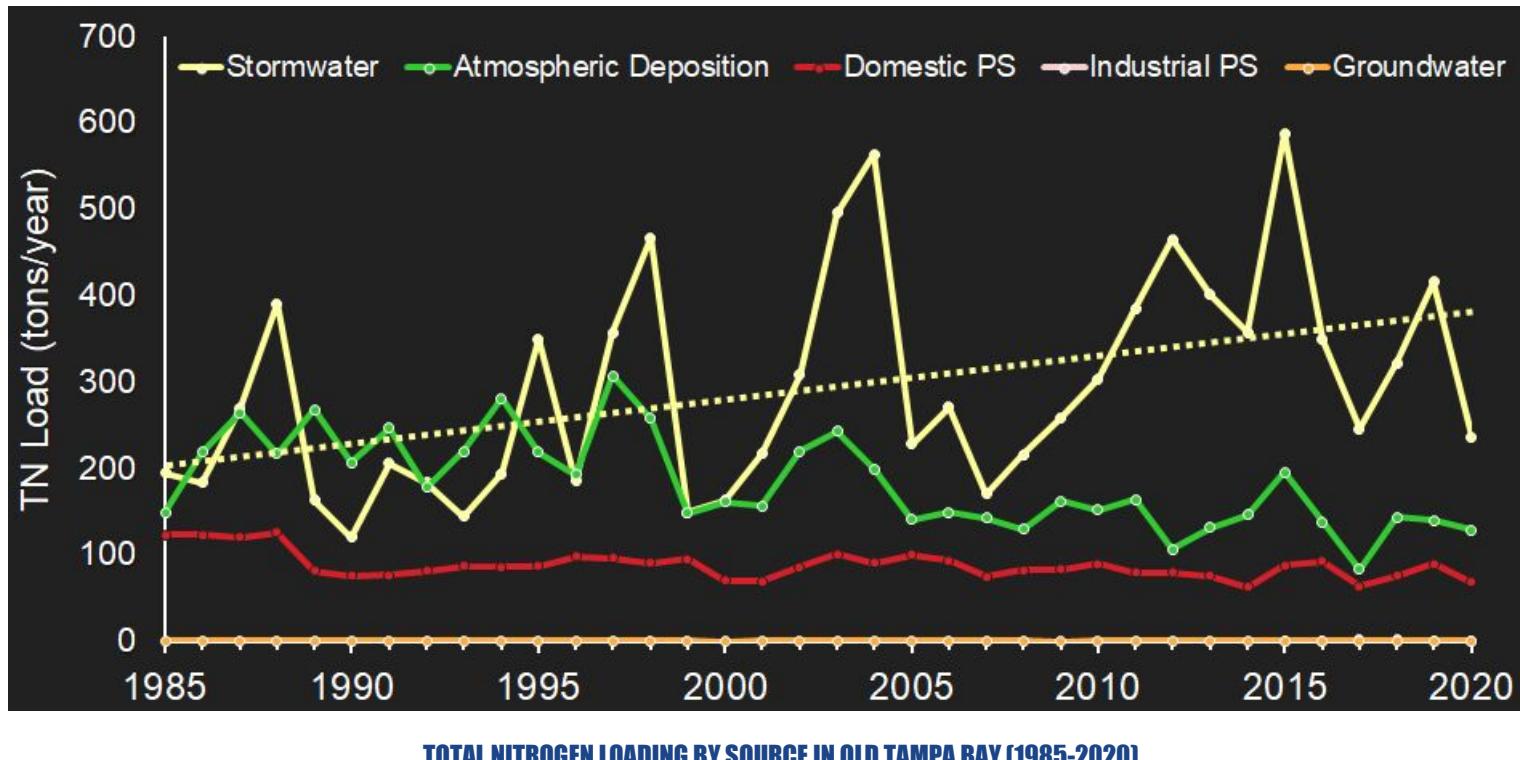


*Pyrodinium bloom: 7/18/2021
Credit: Dorian Aerial Photography*



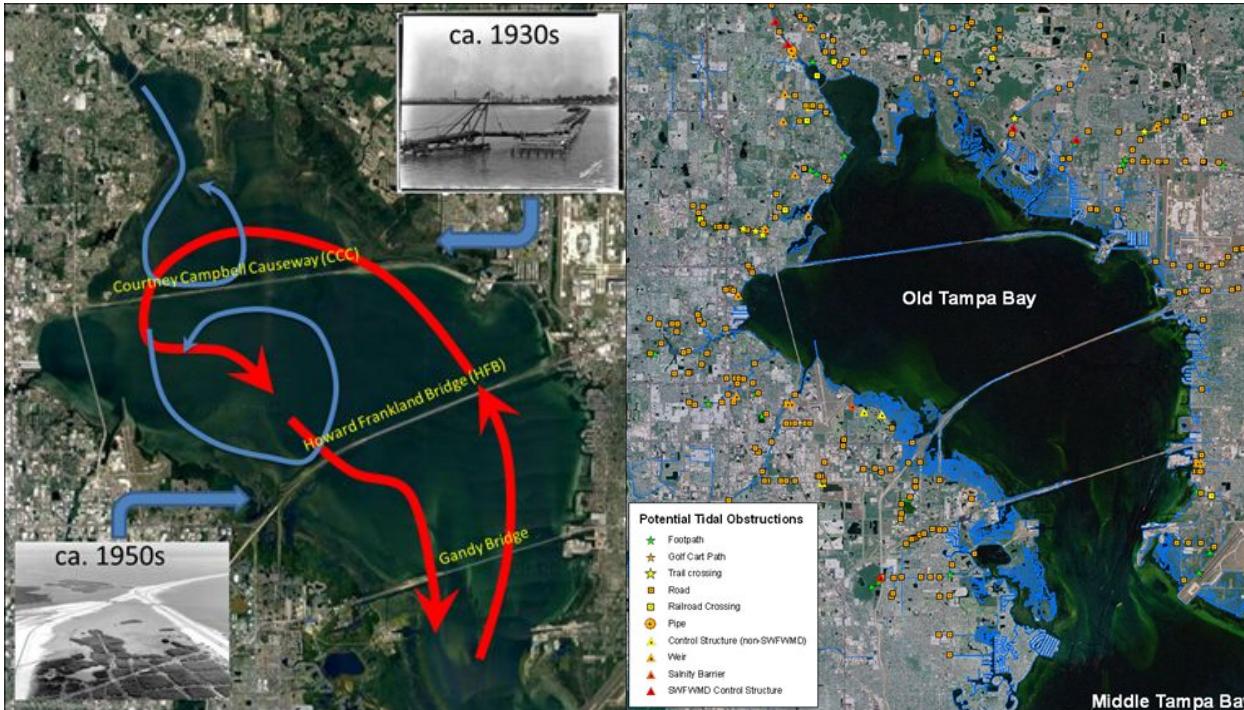


NITROGEN POLLUTION, MOSTLY STORMWATER



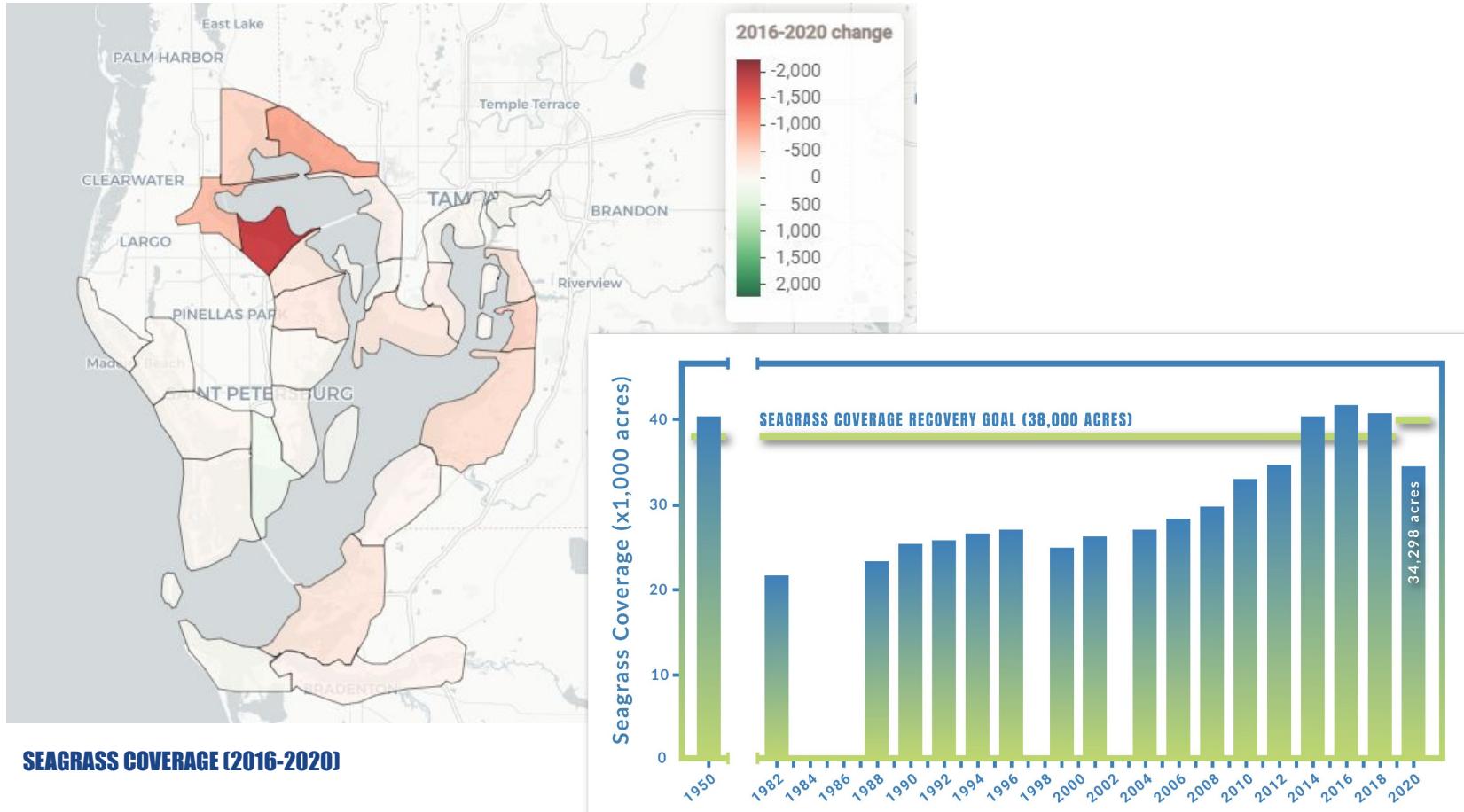


ACTIONABLE SCIENCE: RESTORE THE FLOW



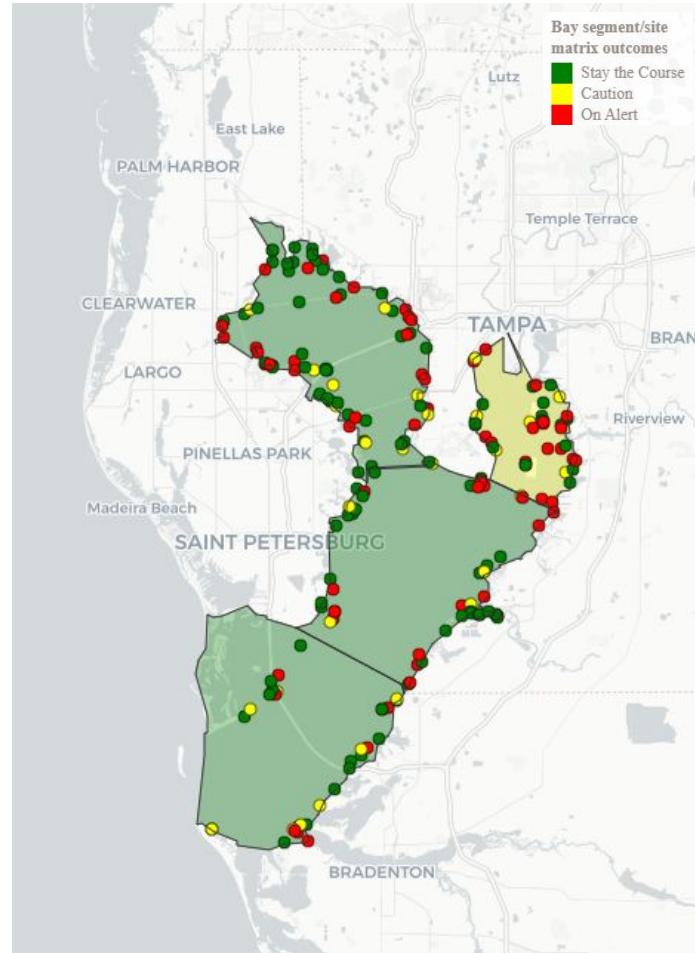
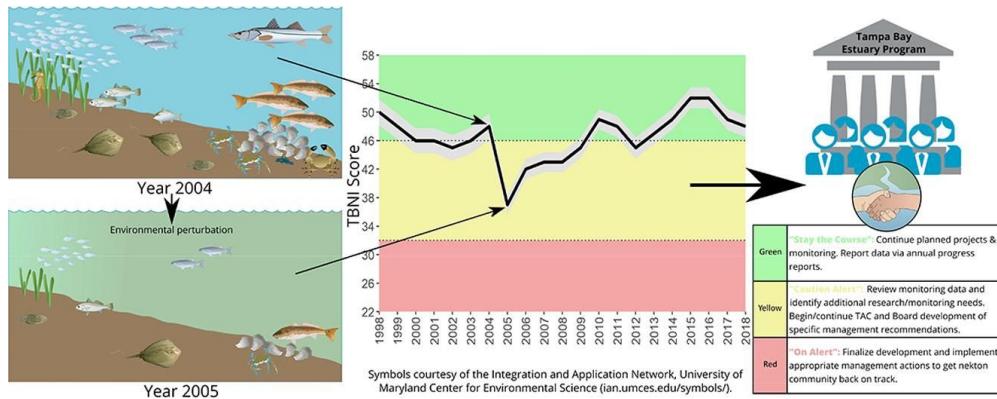


SEAGRASS TRENDS





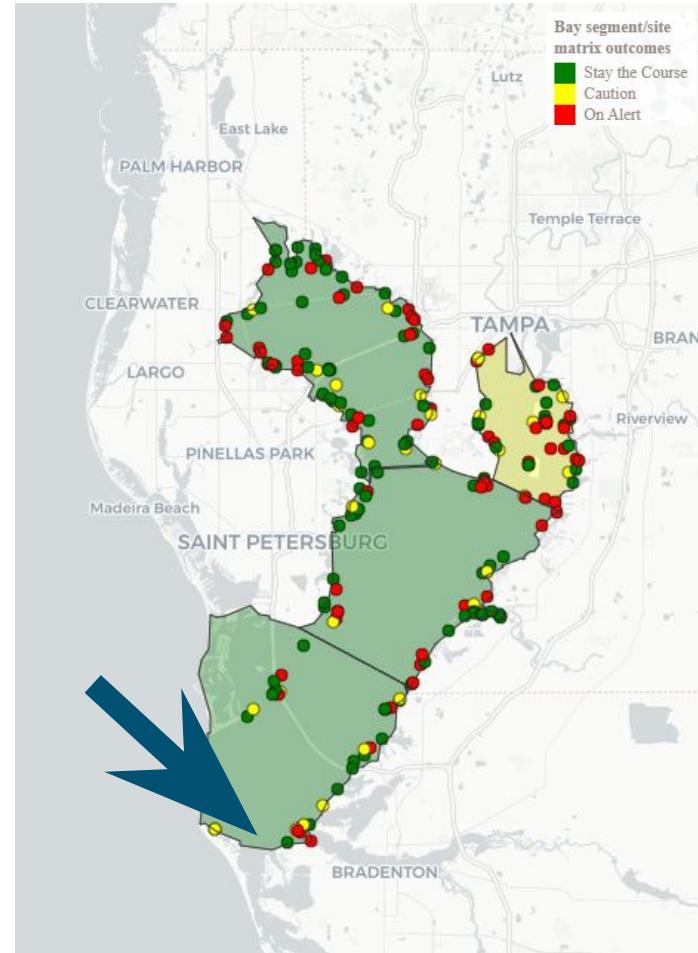
THRIVING HABITATS AND ABUNDANT WILDLIFE



2020 NEKTON INDEX RESULTS



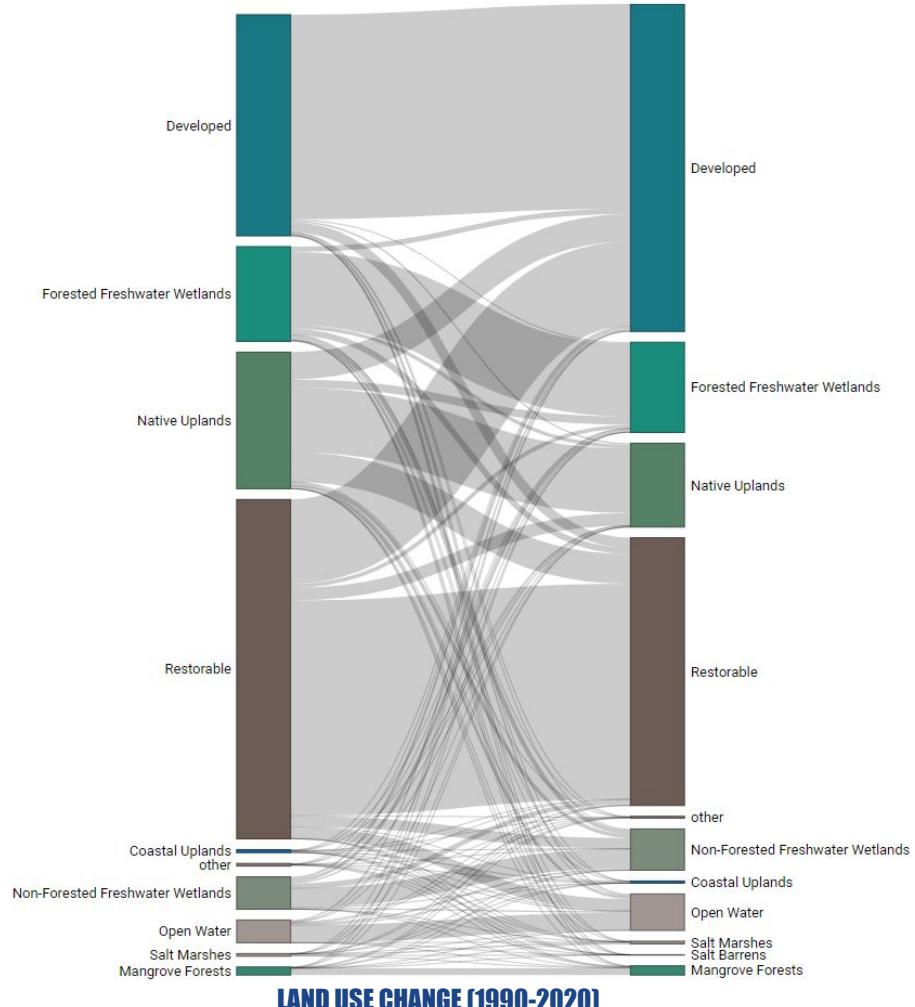
ROBINSON PRESERVE



HABITAT RESTORATION FOR FISH NURSERIES

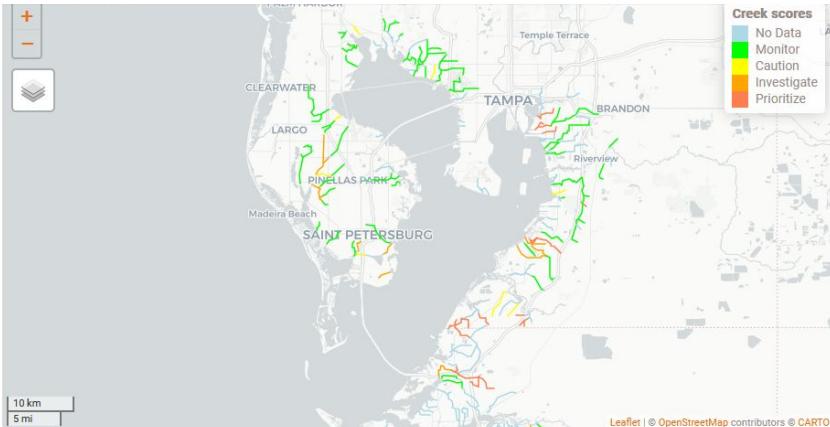


DIMINISHING RESTORATION OPPORTUNITIES





LIVING SHORELINES, GREEN INFRASTRUCTURE + CREEK RESTORATION



The current assessment period (2021) indicates that 9 creeks had a **Prioritize** score, 10 had an **Investigate** score, 8 had a **Caution** score, and 58 had a **Monitor** score. The remaining 140 creeks in the Tampa Bay watershed had insufficient data for the current assessment period to assign a category. The plot below shows a breakdown of scores for all creeks, with the final score in the right column and the number of survey years in each category used to calculate the final score in the remaining columns.



INFORMED, ENGAGED, RESPONSIBLE COMMUNITY

TAMPA BAY BUSINESS JOURNAL

COVER STORY

CLEAN WATER MEANS MORE THAN YOU THINK

Despite massive growth, water quality in Tampa Bay has improved dramatically in 20 years



More than 1 in 5 jobs (291,000 of 1.4 million) in the Tampa Bay watershed is dependent on a healthy bay.

A 3-star hotel located directly on the bay charges an average of 45% more a night than a non-waterfront hotel (\$141 per night versus \$97). A 4-star hotel charges an average of 31% more nightly (\$182 versus \$139).



A healthy Tampa Bay contributes **13%** *of the total economic activity in the 6-county region.*



Even homes within a quarter-mile of the bay generate double the tax revenues of those farther away.



Homes directly on the bay generate roughly four times as much property tax revenue as those not on the waterfront.



Nearly half of all jobs (47%, 660,000 of 1.4 million) in the watershed are influenced in some way by the bay.

**2014 ECONOMIC VALUATION OF TAMPA BAY...
UPDATE COMING SOON!**



COMMUNITY SCIENCE



SUBSCRIBE

Rusty Chinnis
72 subscribers

HOME VIDEOS PLAYLISTS CHANNELS ABOUT EYES ON

Eyes On The Water July 16, 2021
Rusty Chinnis • 287 views • 10 months ago

Eyes On The Water 9.5.2021
Rusty Chinnis • 11 views • 8 months ago
An aerial view of the waters near Longboat Pass.

Eyes On The Water 7 27 21
Rusty Chinnis • 384 views • 9 months ago
A defined line of red tide with the fish its killing.

Eyes On The Water 7 30 21
Captain Scott Moore documents the fish kill in Sarasota Bay on 7.30.21

COMMON MACROALGAE OF TAMPA BAY

Chondria spp.

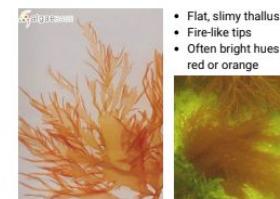
CHON



- Thick, main "stem"
- Pointed tips of varying lengths

Halymenia spp.

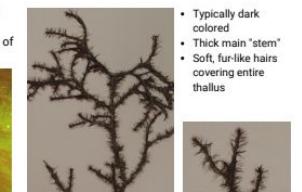
HALY



- Flat, slimy thallus
- Fire-like tips
- Often bright hues of red or orange

Digenea spp.

DIGE



- Typically dark colored
- Thick main "stem"
- Soft, fur-like hairs covering entire thallus

Sargassum natans

SARG

- Cylindrical mid."stem" with flat, serrated blades
- Small, attached air bladders
- Often found erect and attached to hardbottom



Padina spp.

PADA



- Calcareous
- Brown, fan-shaped thallus
- Deeply lobed margins
- Fronds typically curl inwards



Dictyota spp.

DICT





INFORMED, ENGAGED, RESPONSIBLE COMMUNITY

INDIVIDUAL ACTION



DONATE



POLICY SUPPORT



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION,
Plaintiff,
vs.
HBR HOLDINGS, LLC, a Florida limited liability
company,
Defendant.

Civil Action No. _____

PETITIONS FOR ENFORCEMENT AND COMPLAINT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (the Department),
files this Petition for Enforcement and Complaint against, HBR HOLDINGS LLC (HBR) and
alleges as follows:

Jurisdiction and Venue

1. This is a civil complaint action for injunctive relief, cost recovery, attorney's fees,
damages, civil penalties in excess of \$30,000.00 exclusive of interest for violations of Chapter
401, Florida Statutes (Fla. Stat.), and Title 62, Florida Administrative Code (F.A.C.), as well as to