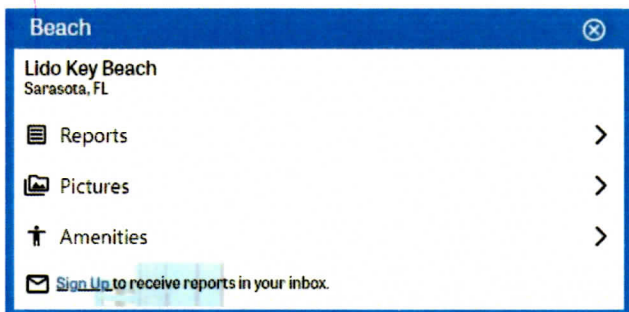


# City of Sarasota Partners with Mote Marine Laboratory!

## Beach Conditions Reporting System (BCRS)

The BCRS is a website ([www.visitbeaches.org](http://www.visitbeaches.org)) and accompanying mobile app developed by Mote Marine Laboratory (Mote) that collects and disperses beach conditions from 59 coastal locations across three states (FL, AL, and SC). The BCRS is dependent on a network of trained and dedicated volunteers (Beach Ambassadors) who submit reports 1-2 times daily, 4-7 days per week. BCRS reports include parameters such as beach flag color, water surface temperature, surf type, wave height, crowds, debris, etc., as well as parameters for dead fish and respiratory irritation commonly associated with red tide.

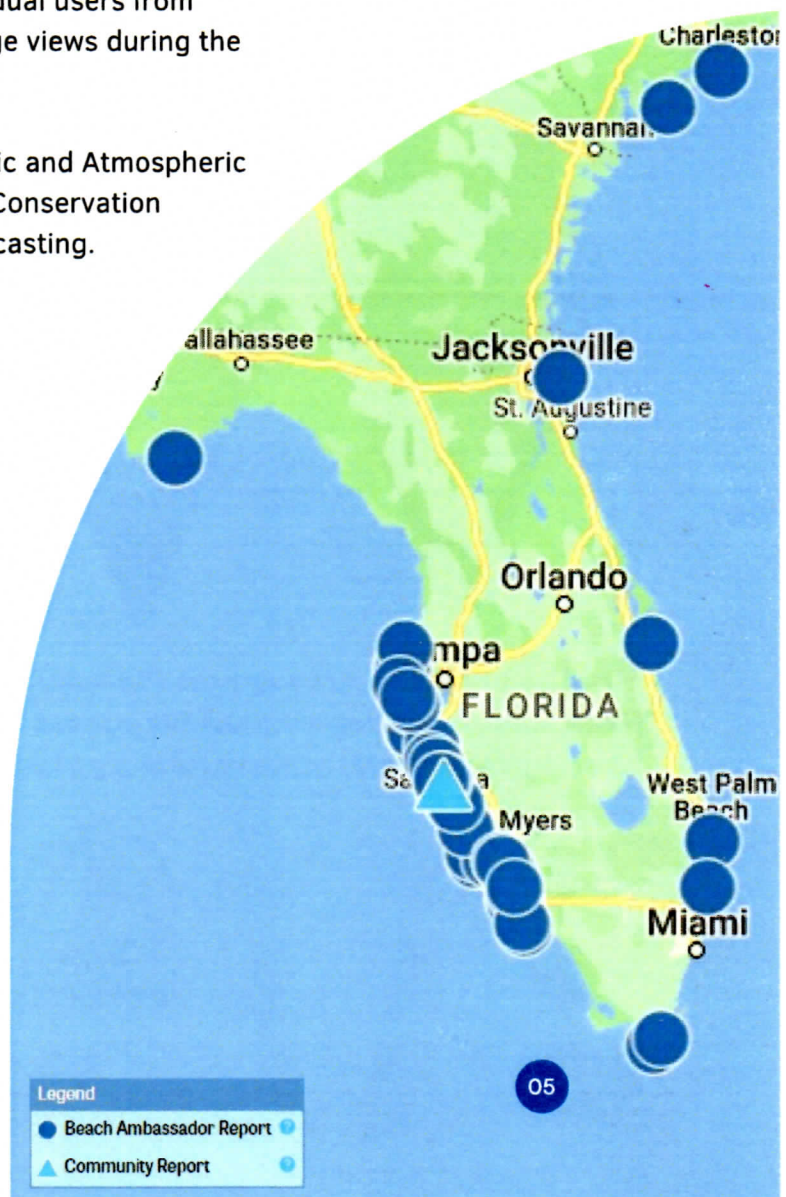
- Reports may also include wind speed and direction, UV index, sunrise and sunset times, air temperature, low/high tide times, location amenities, etc. --- a go-to for locals and tourists alike!
- *Visitbeaches.org* drew over 1,000,000 individual users from around the world and over 4 million total page views during the 2018-2019 Florida red tide bloom.
- BCRS data is shared with the National Oceanic and Atmospheric Administration and Florida Fish and Wildlife Conservation Commission for red tide monitoring and forecasting.



## Get Involved

Submit your own observations as BCRS Community Reports!

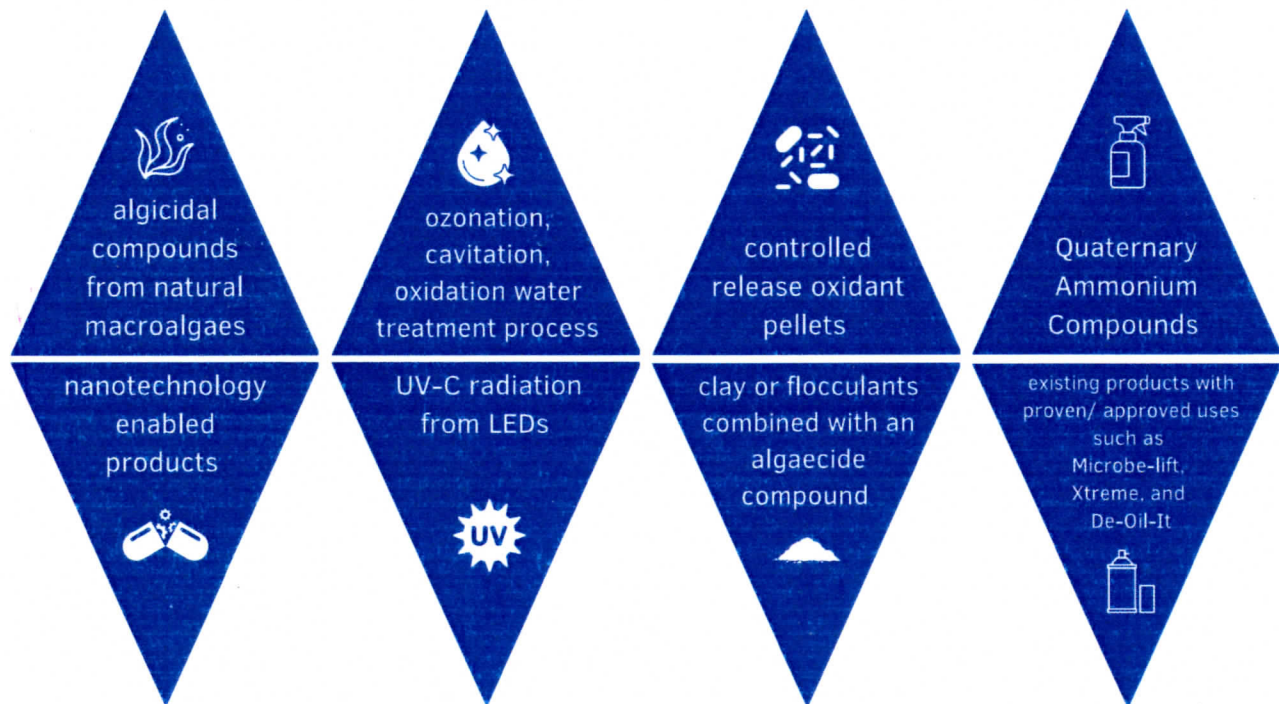
**This partnership will increase the local reporting locations, train new volunteer reporters, and share real-time data with City officials – and are now working to incorporate real-time telemetry data to aid in the monitoring of sea level rise and water quality.**



# Florida Red Tide Mitigation and Smart City Technology Development Initiative

The Initiative is a six-year partnership between Mote and the Florida Fish and Wildlife Conservation Commission codified under 379.2273 Florida Statutes that establishes an independent and coordinated effort among public and private research entities to develop mitigation technologies that will decrease the impacts of Florida red tide on the environment, economy and coastal quality of life.

The Initiative has examined hundreds of mitigation tools and technologies over the past 3 years. With 30+ projects underway, below are the most promising mitigation tools and technologies at reducing *Karenia brevis* cells and toxins while not having further human health or ecological harm:



The City of Sarasota recognizes the local impacts of red tide. Our partnership with the Mote Marine Laboratory provides access to City waterways for mitigation testing once all of the federal and state regulatory processes have been completed.



Questions about this partnership? Want to know how to get involved?

Please reach out to Camden Mills, Capital Projects Manager, at [Camden.Mills@SarasotaFL.gov](mailto:Camden.Mills@SarasotaFL.gov).