

# Delivering Data for Decisions

## FOCUS AREAS



Marine Operations



Coastal Hazards and  
Climate Variability



Ecosystems, Water Quality,  
and Living Marine Resources

Water level data is vital for monitoring coastal flooding and keeping citizens informed of hazardous conditions. Seventy of over 200 planned water level stations have been installed.

From Kiawah Island South Carolina Resilience Specialist:

"The Kiawah Island Community is regularly faced with nuisance flooding challenges related to sea level rise. A water level monitoring sensor in our community will allow our Stormwater Engineers and Emergency Management staff to plan for and manage nuisance flooding."



Image: Daniel Pullen Photography

Ports, a major sector of the blue economy, rely on SECOORA data.

From Mark Messersmith at South Carolina Ports Authority (SCPA),  
"SCPA and our partners use the data from the SECOORA Buoy CAP 2 to provide important meteorological and oceanographic information for safe and efficient marine transportation as well as for data inputs on studies impacting the economic vitality of our Port and region."



Image: SCPA

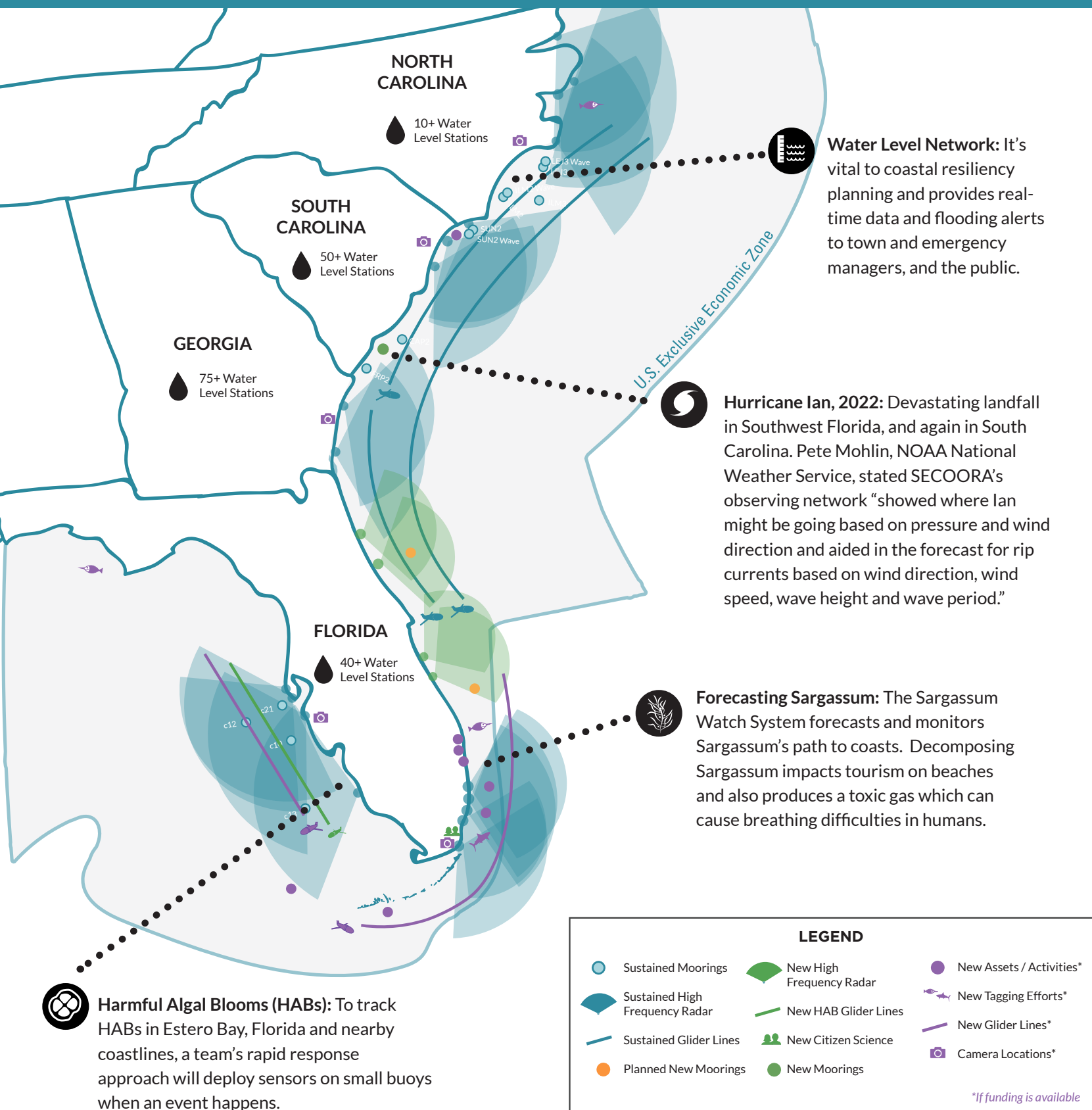
High Frequency radars (HF radars) measure the speed and direction of ocean surface currents in near real-time.

Commercial fisherman and self-proclaimed 'computer geek' *Captain Dave Tilley* sees HF radar data as a way to catch more fish. Captain Tilley states, "I would love to get my hands on every single one of them in existence."



Image: Vince Winkler, WHQR

# SECOORA Meets Community Needs



## More Information



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SECOORA is one of the eleven Regional Associations that partner with the NOAA led Integrated Ocean Observing System, U.S. IOOS®. U.S. IOOS is essentially the weather service for the coastal oceans and Great Lakes, providing the ability to "see" what is happening both above and below the surface and making that information readily available.