



FOCUS AREAS



Marine Operations



Coastal Hazards and
Climate Variability



Ecosystems, Water Quality,
and Living Marine Resources

SECOORA helps improve safety, economy, and public health by providing critical ocean and coastal data and information to the people who live and work along the Southeast U.S. coast.

Water level data is vital for monitoring coastal flooding and keeping citizens informed of hazardous conditions. SECOORA is installing over 220 water level stations in the southeast over the next 5 years.

The Resilience Specialist of the Kiawah Island Community Association in South Carolina stated “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.

According to Mark Messersmith, Environmental Manager 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

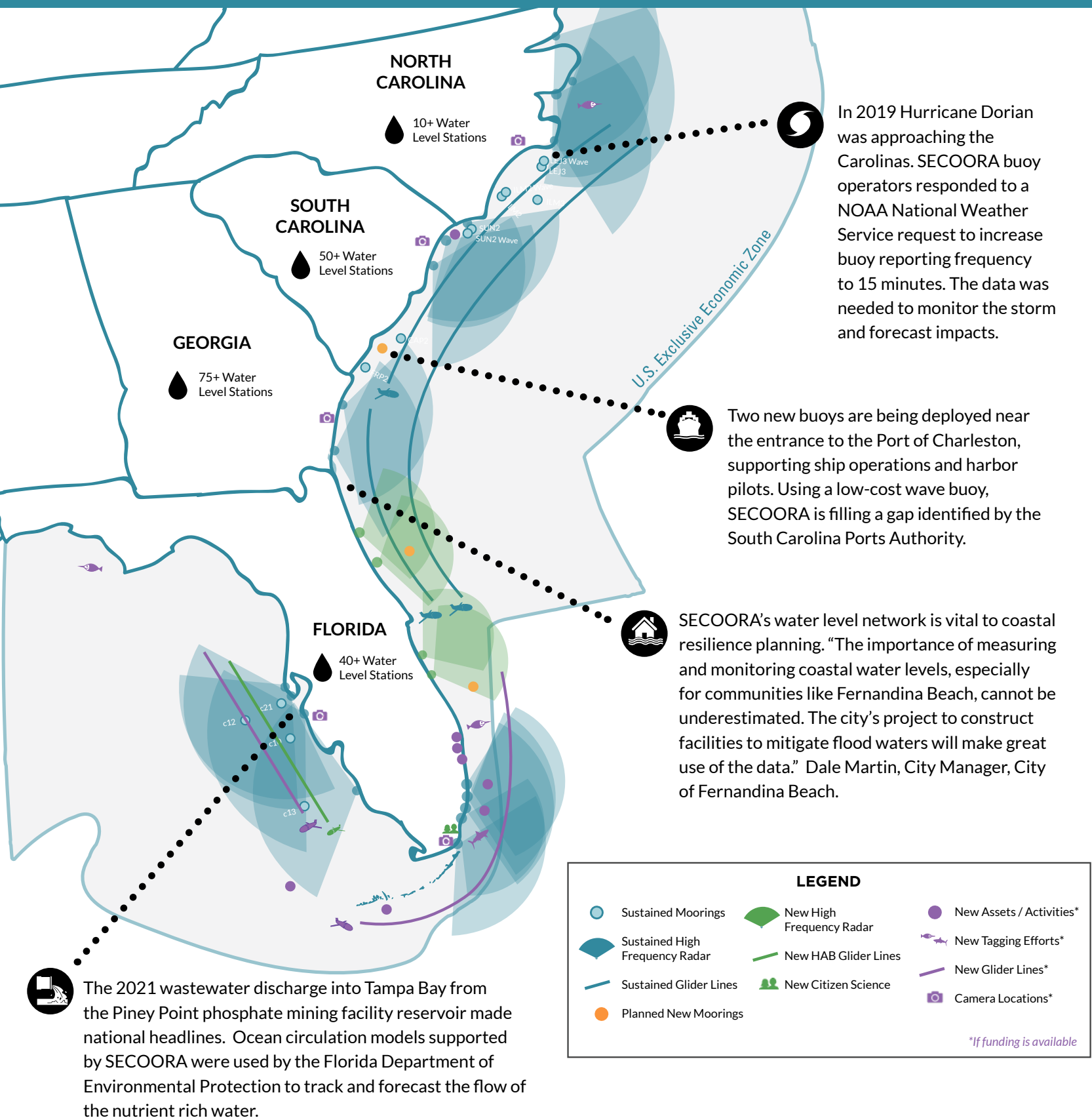
High Frequency radars (HF radars) are land-based systems that measure the speed and direction of ocean surface currents in near real-time.

Commercial fisherman and self-proclaimed ‘computer geek’ Captain Dave Tilley sees HF radar data as a way to catch more fish. There is a need for more HF radar datasets, Captain Tilley states, “I would love to get my hands on every single one of them in existence.”



Image: Vince Winkel, WHQR

SECOORA Meets Community Needs



More Information



Debra Hernandez
SECOORA Executive Director,
843-906-8686 or Debra@secoora.org
www.secoora.org



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.