# Carolinas Coast: A One-Stop Shop for Marine Observations in the Carolinas

A partnership among the University of South Carolina, University of North Carolina-Wilmington, and the NOAA NWS Wilmington Weather Forecast Office







Funded by the National Oceanic And Atmospheric Administration

## Origins of "Carolinas Coast"

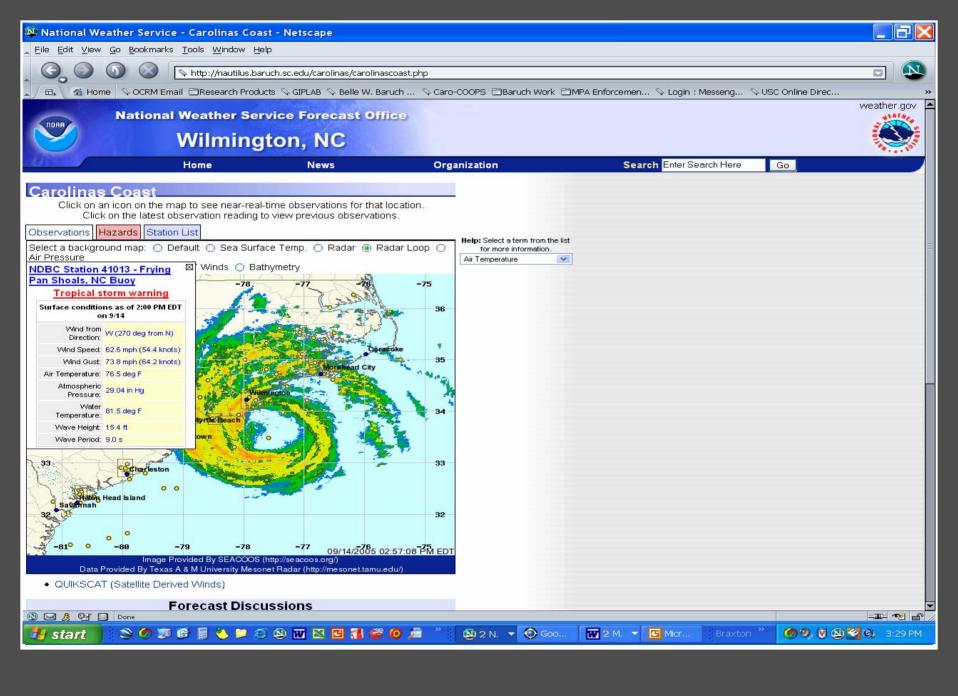
#### Development driven by 2 key needs:

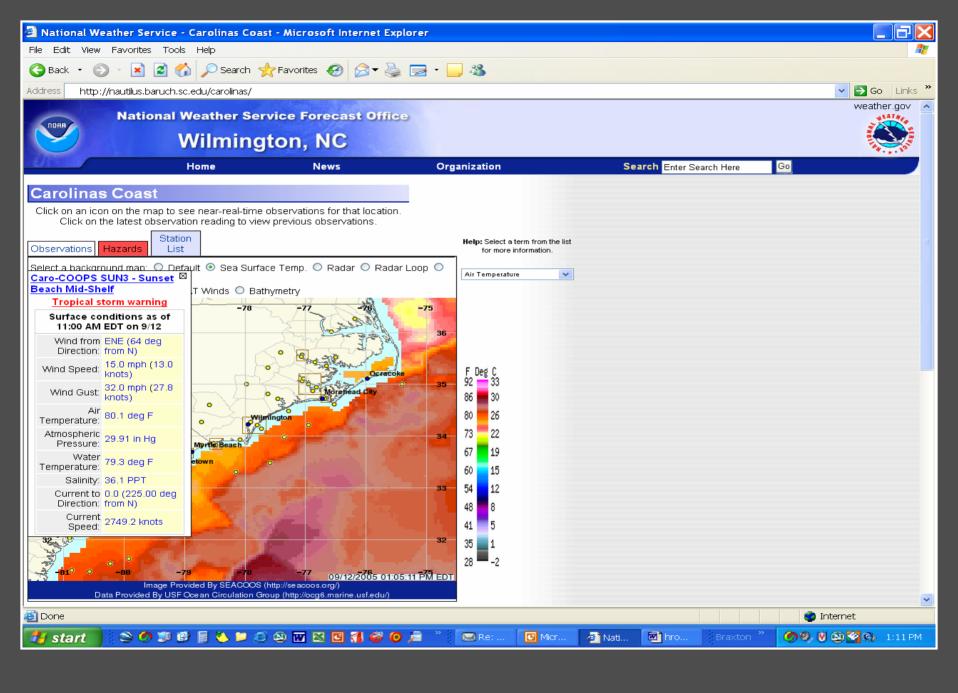
- Wilmington WFO wanted to add new marine observations into their "marine" webpage for the maritime community in NC/SC.
- The coastal ocean observing community in the SE region wanted to enhance cooperation in meeting user needs

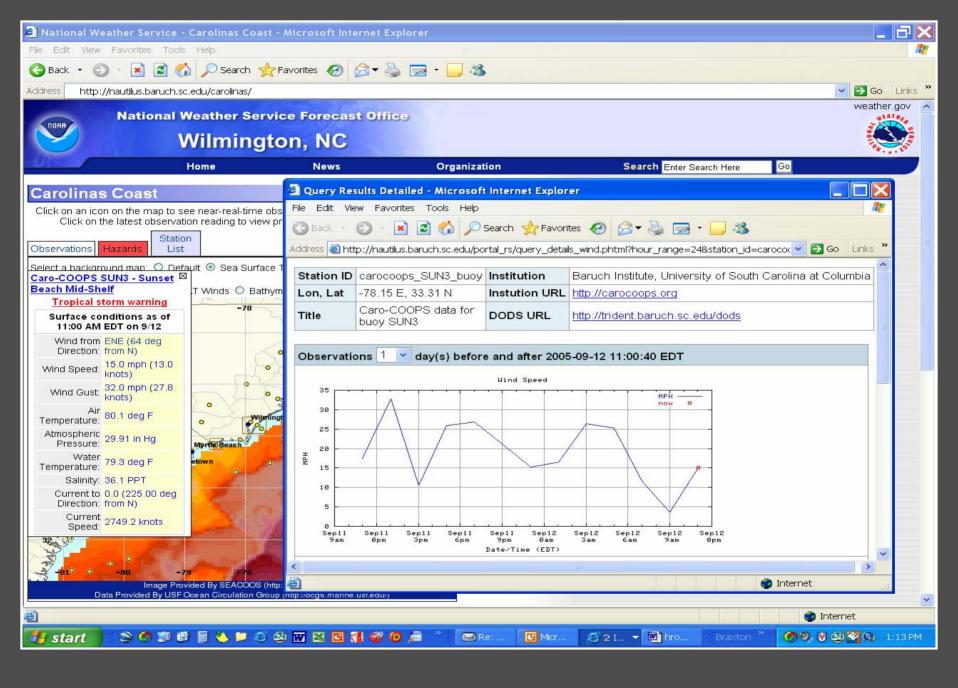
#### Approach...

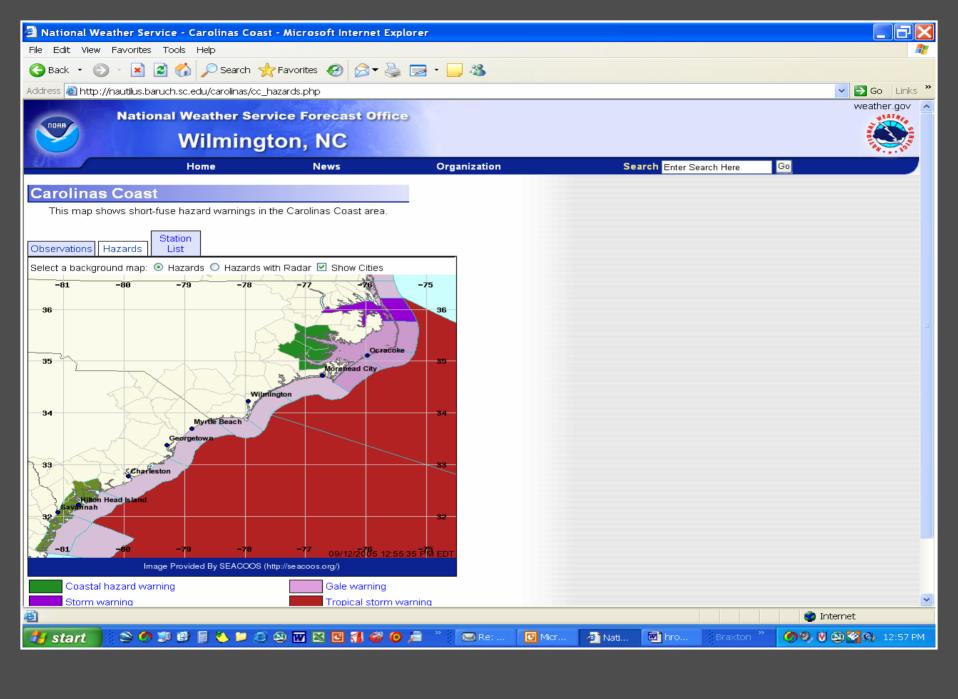
### Building on existing Caro-COOPS, CORMP, and SEACOOS data management capacities:

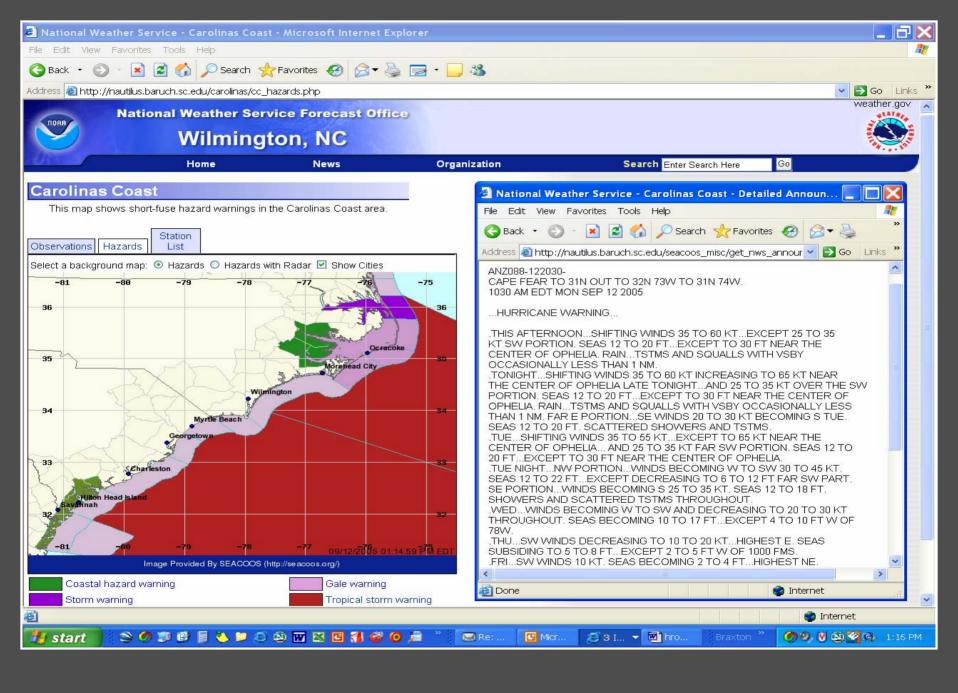
- Aggregate near real-time observations from in-situ platforms, models, and remote sensing...
- Integrate these with NOAA NWS observations and products...
- Leverage outreach activities within both NOAA NWS and coastal ocean observing systems...











#### Next Steps

- Focus Group discussion
  - 2<sup>nd</sup> meeting to discuss site development & Tides tab
- Developing "Forecasts" tab
  - Integration with NOAA NWS experimental digital forecast products
- Developing Operational Capacity
  - Establishing protocol for long-term coordination between universities and NOAA NWS
  - Improving reliability of data access and aggregation –
    (e.g. mirrored sites/back-up servers)

#### Please visit:

http://nautilus.baruch.sc.edu/carolinas

