

**SCCOOS Senior Advisory Committee**  
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**Recommended Priority Data Products for SCCOOS**

- Periodic Maps (surface and subsurface) of ocean variables: of DO, transmissivity (optical properties), salinity and pH, gliders, climatology, web updated
- Capability for continuous and 5 day predictive model of plume location
  - ROMS model and interactive of other sources.
  - Plume surface prediction. Pay attention to surface layer and interaction with wind. (for oil applications)
  - Fate based estimates of storm water and river discharges
- Nearshore circulation model including Riptide predictions.
- Sea Surface Height
  - Waves
  - 100 year prediction
  - Tides
- Serve and archive large/longterm historical data sets.
  - Long term data sets of ocean variables: temperature, salinity, etc.
  - Sea Floor Mapping
  - Stream Gauge information
  - Variables of relevance for Wetlands
  - Preference for simple, GIS interfaces
- HAB spatial display and evolution – where are HABs occurring and how often ?
  - Establish a relation between HABS and nutrients. Technology related to blooms.
- Theme based website for disparate classes of users
- Supporting ocean education initiatives
- Sediment Transport estimates for the beaches.