Expected Original Data Products:
Biodiversity indices seascapes (bacteria, plankton, macro-algae, corals, larger fauna)
Environmental DNA: gene sequences

Existing Data Products:
Biodiversity data from NOAA National Marine Sanctuaries
Key indicator groups, satellite and *in situ* data observations (T, Chl-a, PAR)
Ocean circulation models   Time series from GCOOS
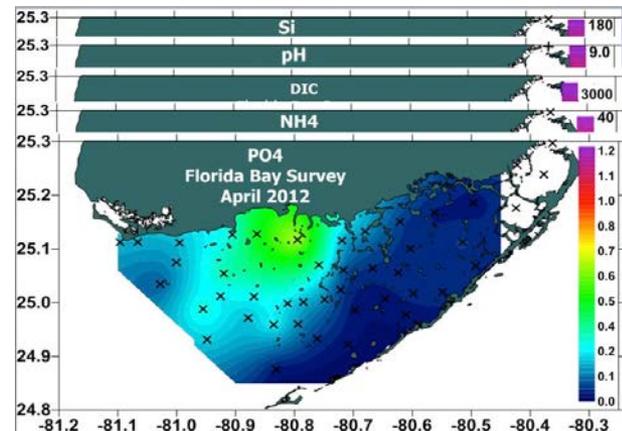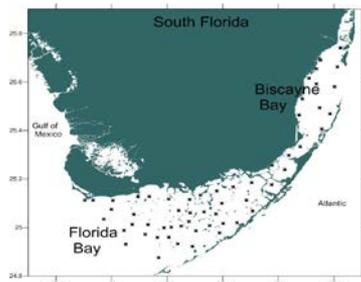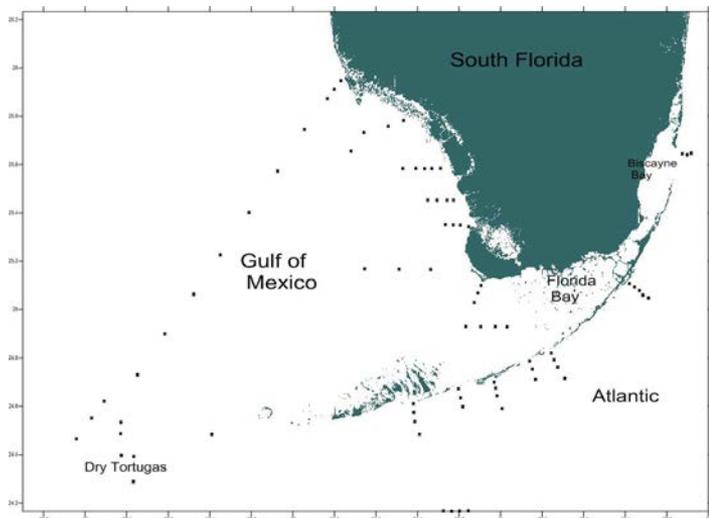Observing, Citizen outreach, social, economic – AOML, etc.
Habitat maps, GAME, etc   Satellite data of all sorts
Historical fisheries and oceanographic observations back to the 1940s

Title	Region	Variables	Start Year	Formats
Coral reef diversity time series data	fk	bio	1996	
Environmental DNA	both	bio	2015	tbd
shore stations	both	all		
buoys, NDBC and other	both	all		
glider	both	all		
satellite-chl	both	bio		netCDF
satellite- sst	both	phys		netCDF
satellite- altimetry	both	phys		netCDF
satellite- near coastal winds	both	phys		netCDF
satellite- salinity	both	phys		netCDF
climatology, regional scale	both	phys		netCDF
AOML South Florida Program (SFP)	fk	all		netCDF
AOML biomonthly interdisciplinary, 1995-2012	fk	all	1995	
River flow, USGS	both	phys		
USF oceanographic observations	fk	all	1995	
NOAA's shallow-water benthic coral reef habitat maps	fk	phys		
Fish and Wildlife Specimen Information System, FWC SIS	fk	bio		
FWC Fisheries Independent Monitoring (FIM)	fk	bio		

Example Program: South Florida Program (SFP) 1998 to Present and Ongoing

PO4 Florida Bay Survey April 2012

R/V Walton Smith

- **77 Stations on Atlantic reef track and SW Florida shelf**
- **Instruments:**
  - **Flowthrough TSG**
  - **CTD / Rosette**
- **Parameters measured:**
  - **Temperature**
  - **Salinity**
  - **Chlorophyll a, Phaeophytin**
  - **Nutrients (NH_4, NO_3, NO_2, PO_4, SiO_3)**