Observing Assets:
- US IOOS
- Global HF Radar
- AON
- Add all AMOC observations
- VOS pCO2 Observations and TSG lines
- GO-Ship
- XBT Lines
- Argo (more BIO-ARGO)
- Surface Drifters
- Ice-tethered profilers
- Joint aircraft (NASA)
- Remote sensing (NASA SALINTY, AQUARIUS; VIRS; PACE; GRACE; OCO2)
- NOAA OA Buoy
- NDBC – Weather Buoys
- Coastal and tower monitoring (Bermuda)
- Sea level network
- GUAN
- Fisheries Work???
- Missing – Deep temperature (carbon, oxygen)
- Paleo-records (Cores)

- Models
- CESM
- NOAA GFDL – High Resolution
- NASA – GODDARD
- Model Inter-comparison (AMOC MIP, global modeling group)
- Need mixed layer depth and eddies resolution in models
- Higher-trophic (fisheries) level models
- OCCC (data synthesis for paleo data)
- Ocean2K

Process Studies

- ONR Field Program (marginal ice zones FY14 and sea state FY15)