# **Session 2D**



The Great Environmental Debate

# Session 2D The Great Environmental Debate

**Chair:** Aoife Ledwidge O'Brien

Speakers: Dr. Josh Willis NASA

**Pramod Shamar FEE** 

**Peter Haugan UNESCO** 

Jurgen Hinrichs AVH II

**Ben Stuart** 



Dr. Josh Willis NASA

# https://ocean.weather.gov/Current\_fcasts.php

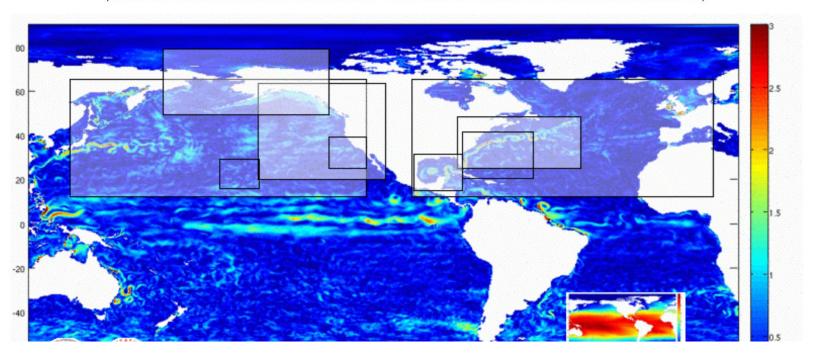


#### **Ocean Model Current Areas**

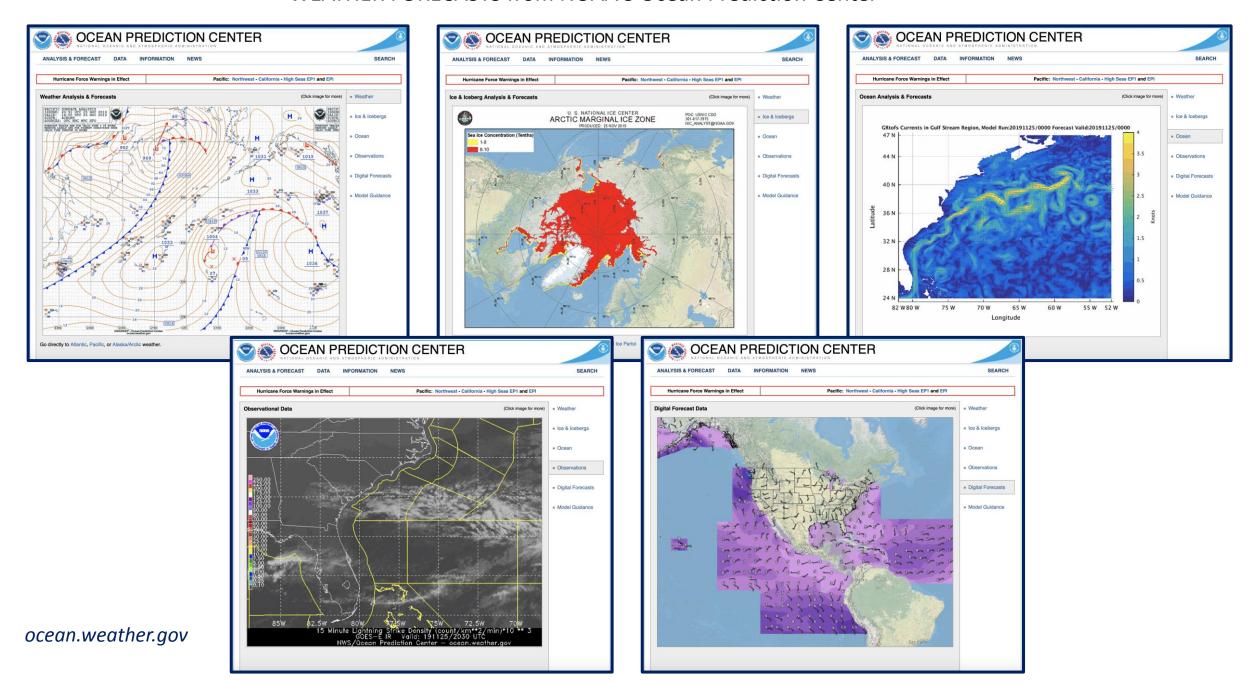
The NCEP Global Real-Time Ocean Forecast System (Global RTOFS) data is based on the U.S. Navy implementation of Global HYCOM.

Regional NCOM data is provided by the Naval Oceanographic Office (NAVO).

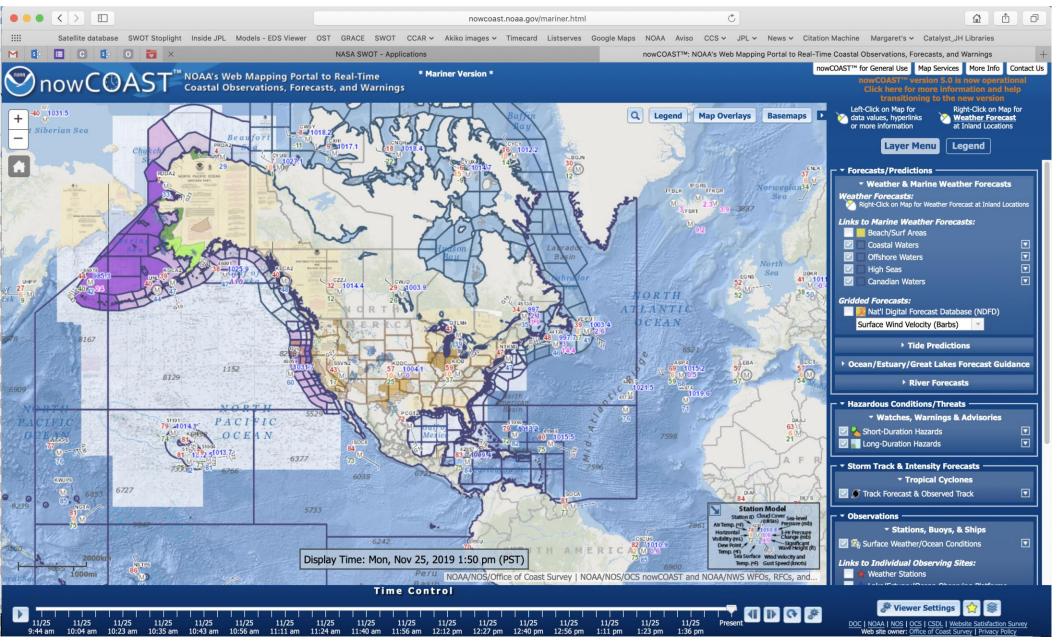
(Mouseover and click the desired area to view the valid Global Ocean Model Currents 0-72 hour forecast data)



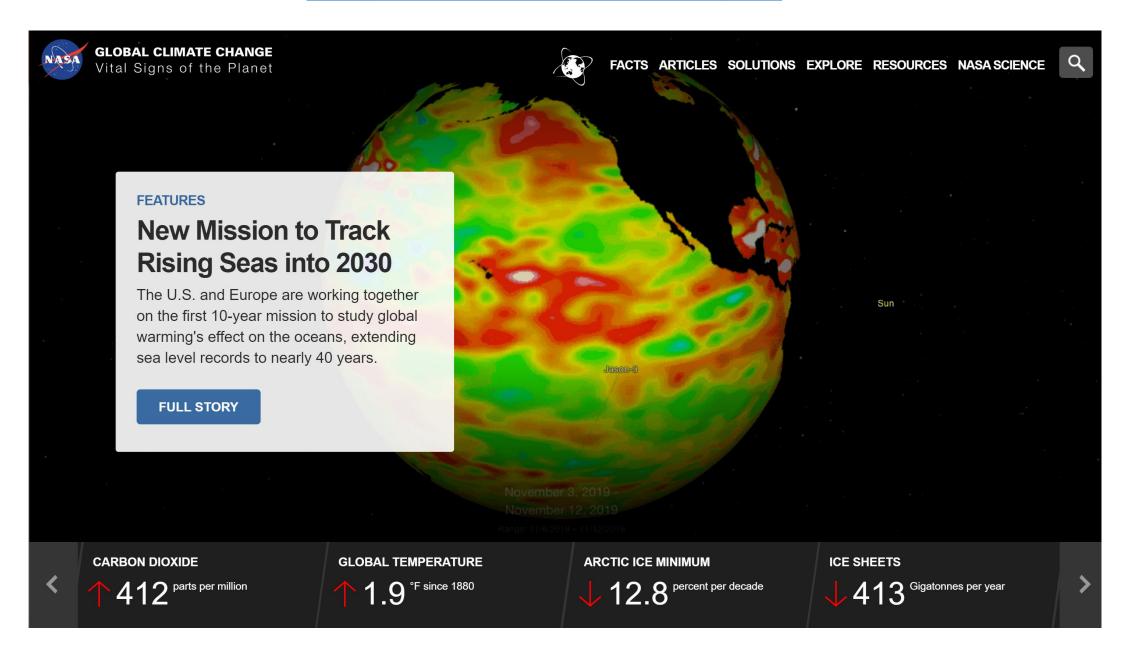
#### WEATHER FORECASTS from NOAA'S Ocean Prediction Center



#### MARINE WEATHER FORECASTS FROM NOAA'S nowCOAST Mapping Portal



# https://climate.nasa.gov





Jurgen Hinrichs AVH II



# ALEXANDER von HUMBOLDT II

GREEN SAILS / BLUE FLAG



- Why Should A Tall Ship Join The Scheme?
- A Tall Ship Is Only Little Or Not Involved In Pollution!
- What About Others Destroying The World Climate?
- Paradigm Shift

# Blue Flag Scheme

#### What Is ALEXANDER von HUMBOLDT II Contribution?



- Certified Highest Level
- > IMO, MarPol, SOPEP
- Waste & Garbage Temperature Controlled
- Organic / Inorganic





- Water Processing (Osmose)
- ➤ 3 Chamber Biological Sewage Vacuum Toilet System
- ➤ Glass And Metal Shredder
- ➤ Non-Smoking Ship
- ➤ Marketing & Sales

#### **CERTIFICATES**

