STAR Satellite Oceanography & Climatology Division (SOCD)

SOCD Organization

SOCD Chief: *Dr. Paul M. DiGiacomo*

Ocean Sensors Branch

Chief: *Dr. Alexander (Sasha) Ignatov*

- Sea Surface Temp, Ocean Winds, Ocean Optics & Water Quality (e.g. Chesapeake Bay)

Marine Ecosystems & Climate Branch

Chief: *Dr. Menghua Wang*

- Ocean Color, Coral Reefs, Sea Ice, Synthetic Aperture Radar, Blended SST

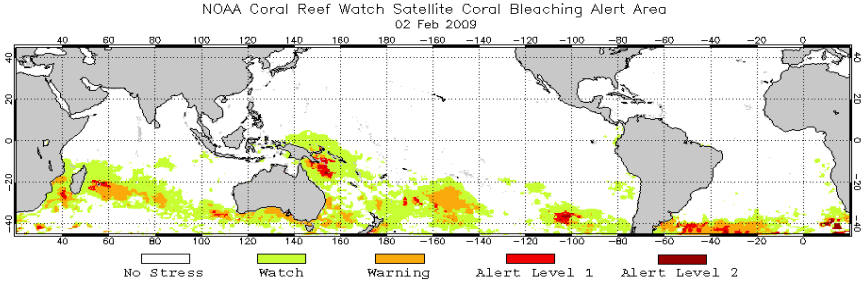
Laboratory for Satellite Altimetry

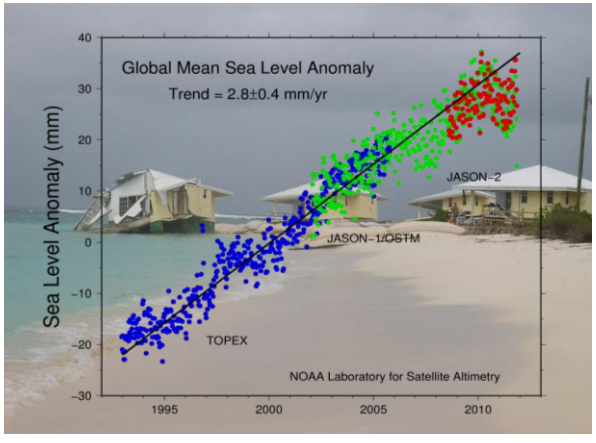
Chief: *Dr. Eric Leuliette (acting)*

- Sea Level, Bathymetry, Waves, Sea Ice/Climate

Science Teams: R&O

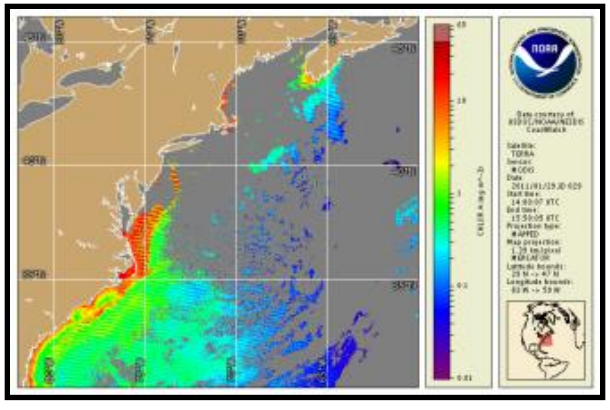
- Sea Ice
- Sea Surface Height
- Sea Surface Roughness
- Sea Surface Salinity
- Sea Surface Temperature
- Ocean Color Radiometry
- Ocean Surface Vector Winds
- CoastWatch/OceanWatch/PolarWatch
- Coral Reef Watch



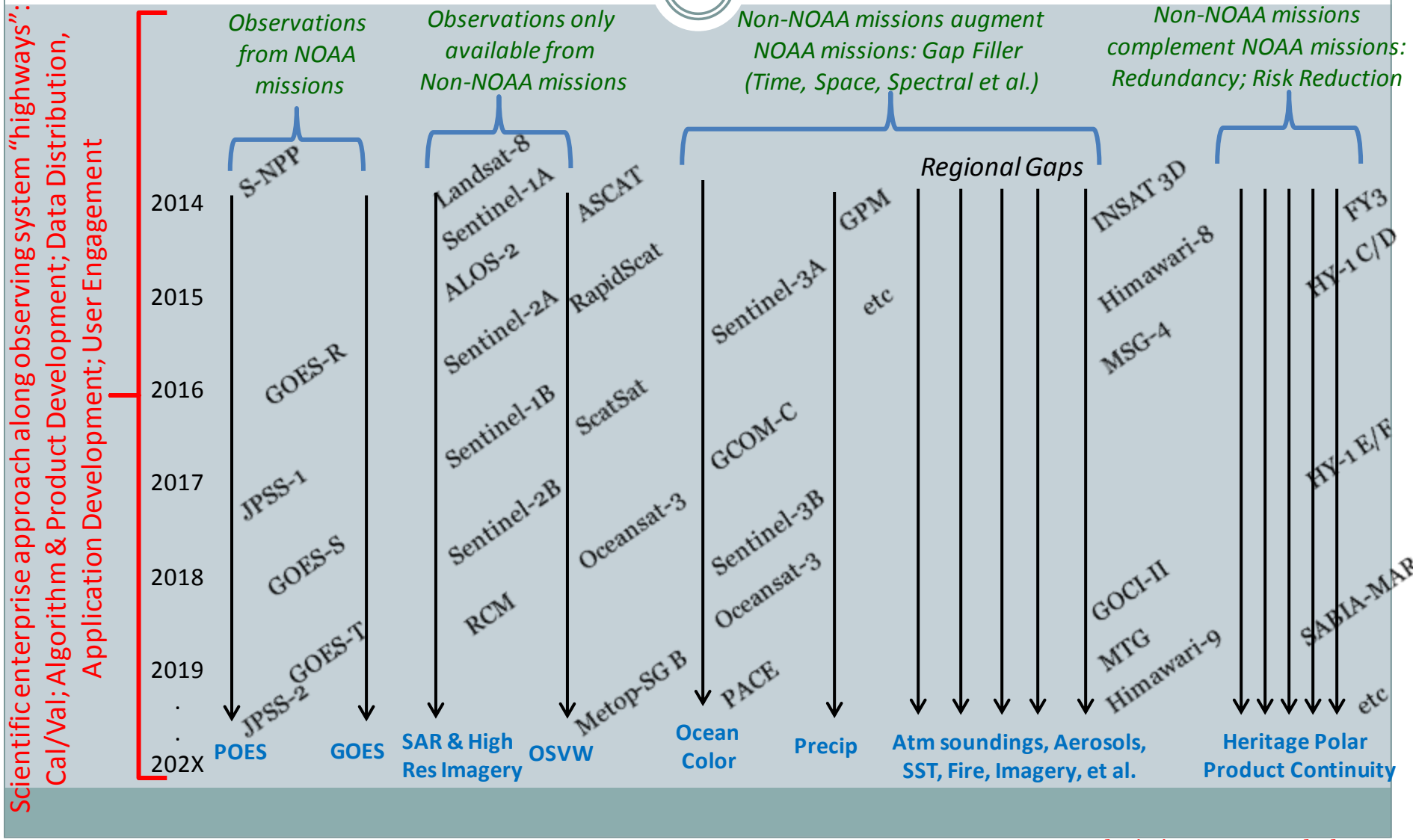


Major Programs/Activities

- JPSS: Ocean Color & SST EDRs
- GOES-R: SST (& Ocean Dynamics)
- JASON Satellite Radar Altimeter Program
- NOAA GCOM Program Scientist
- Foreign Sensors: Winds, SAR, etc
- National Ice Center Chief Scientist
- Marine Optical BuoY (MOBY)
- Coast/Ocean/PolarWatch & Coral Reef Watch



Mission Agnostic, Measurement-based approach in support of users: Ensuring continuity & coverage



Courtesy: Paul DiGiacomo & Paul Chang