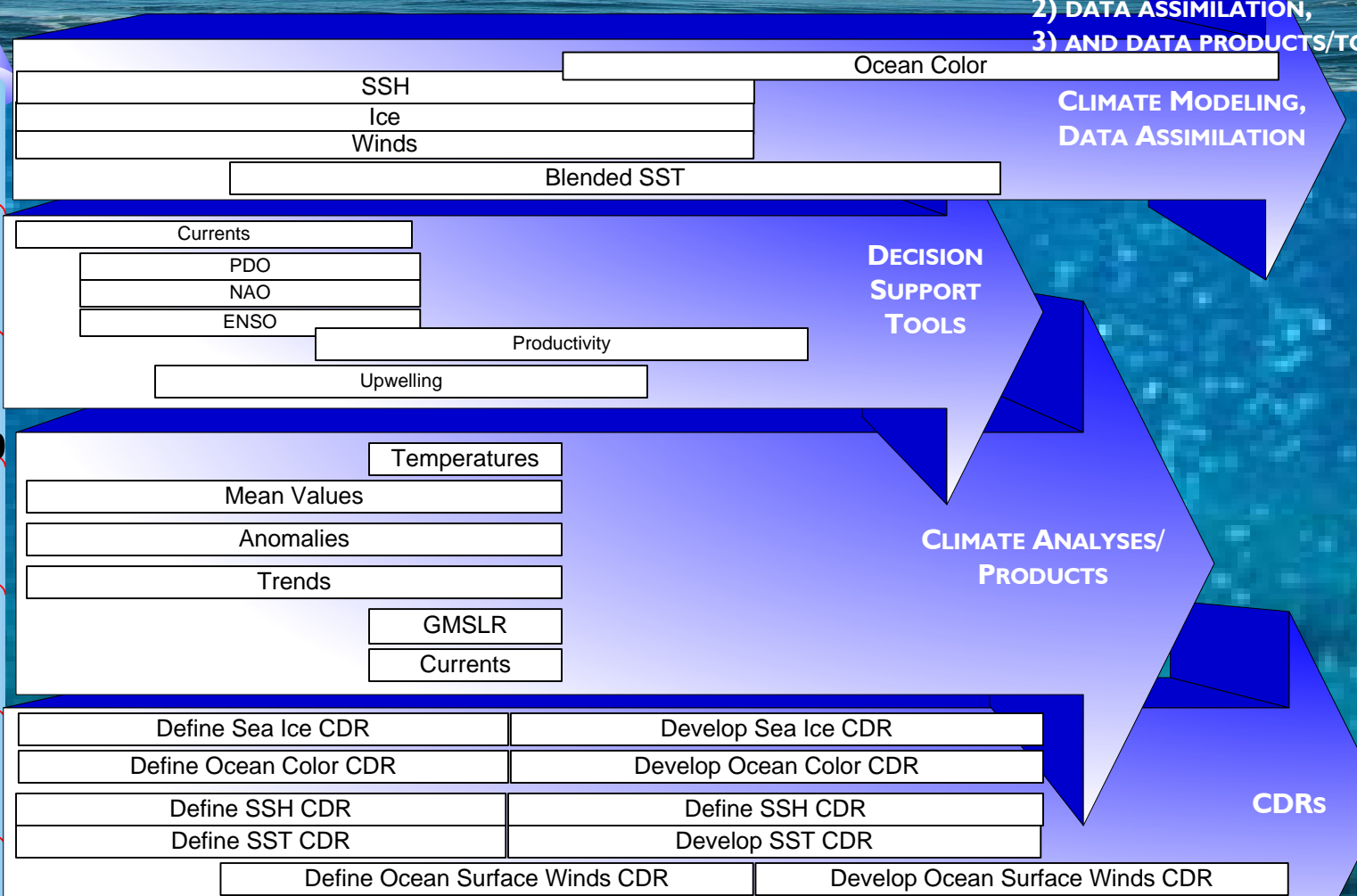


CLIMATE

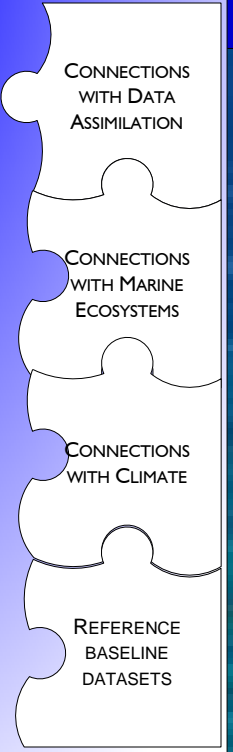
DEFINE AND DEVELOP SATELLITE OCEAN REMOTE SENSING

- 1) CLIMATE DATA RECORDS,
- 2) DATA ASSIMILATION,
- 3) AND DATA PRODUCTS/TOOLS.

Knowledge Base



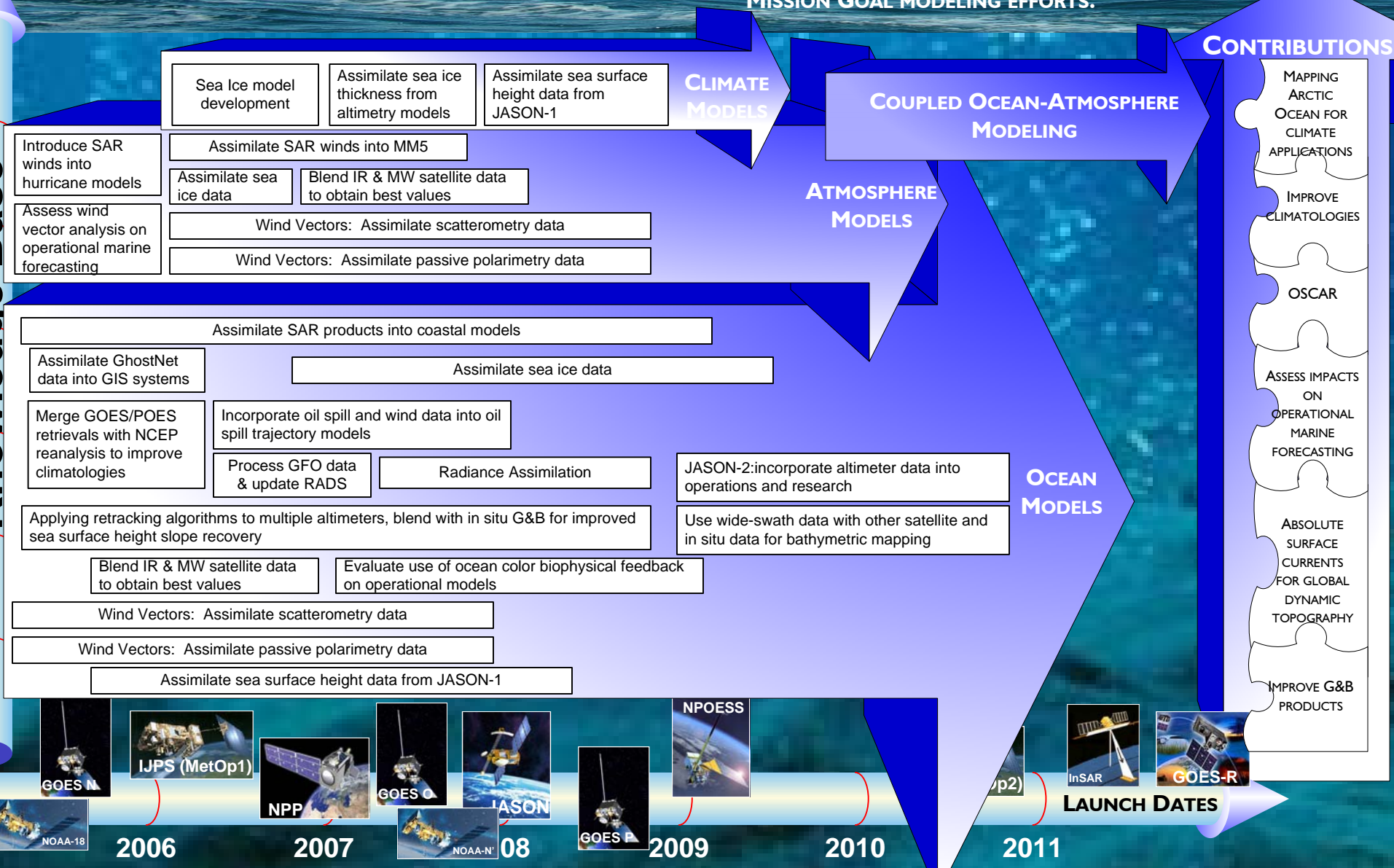
CONTRIBUTIONS



DATA ASSIMILATION

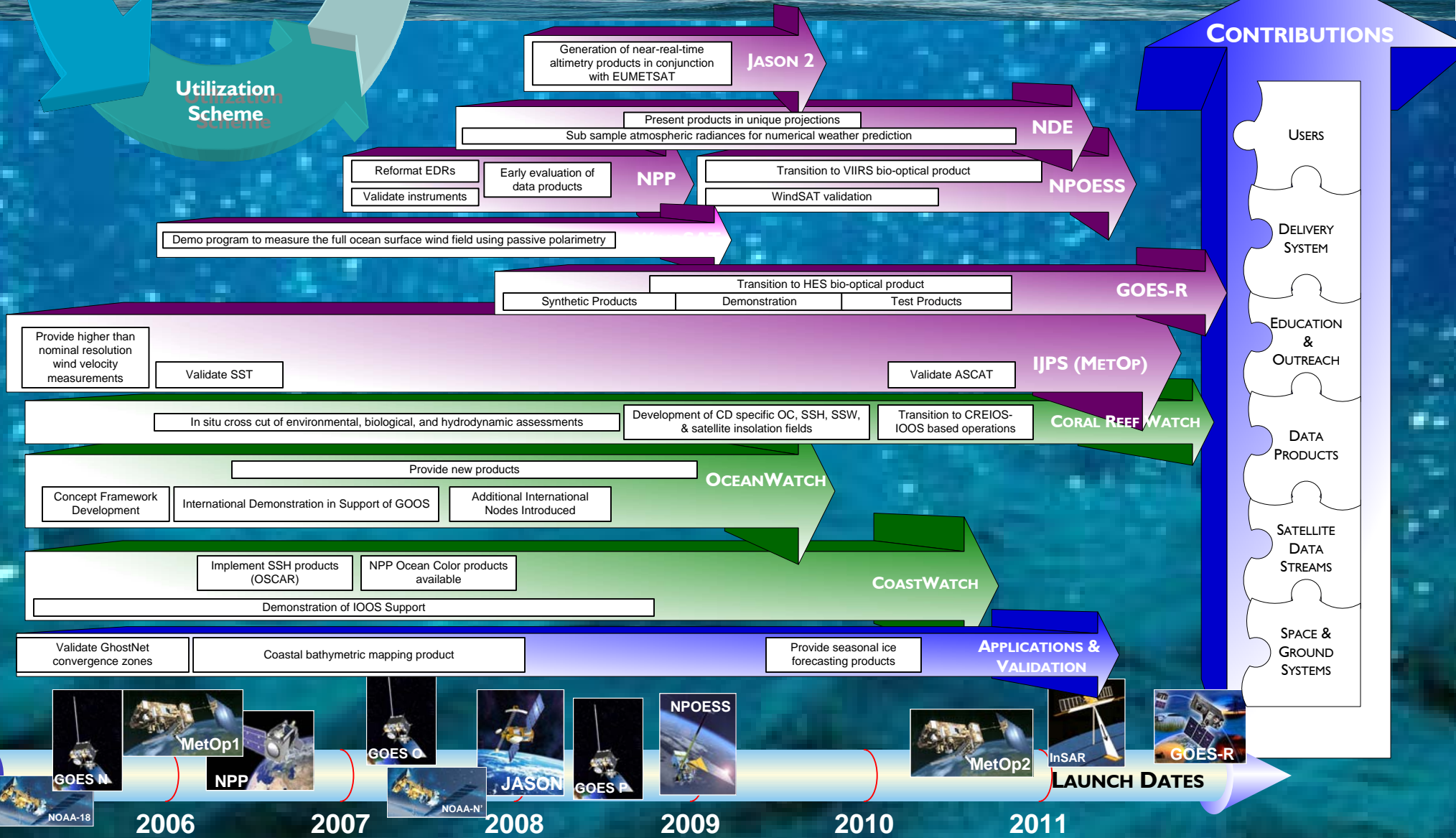
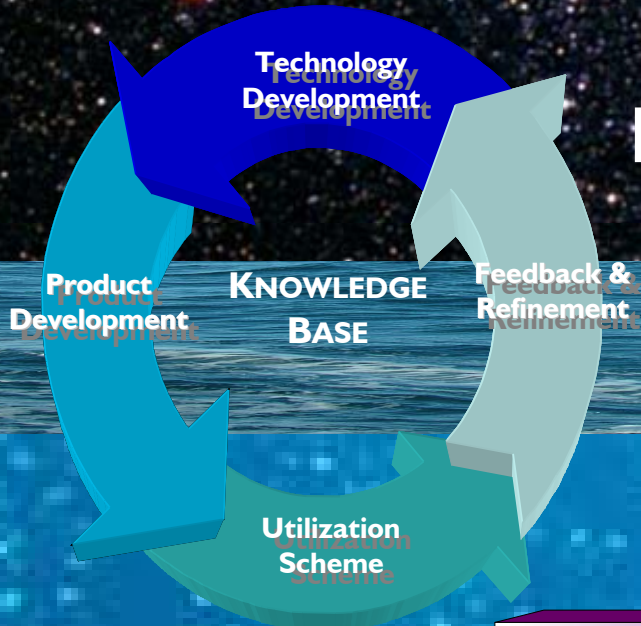
PROVIDE SATELLITE OCEAN REMOTE SENSING DATA FOR OPERATIONAL OCEAN, ATMOSPHERE, AND COUPLED OCEAN-ATMOSPHERE MODELS, AS WELL AS IOOS NATIONAL BACKBONE, REGIONAL, AND NOAA MISSION GOAL MODELING EFFORTS.

Knowledge Base

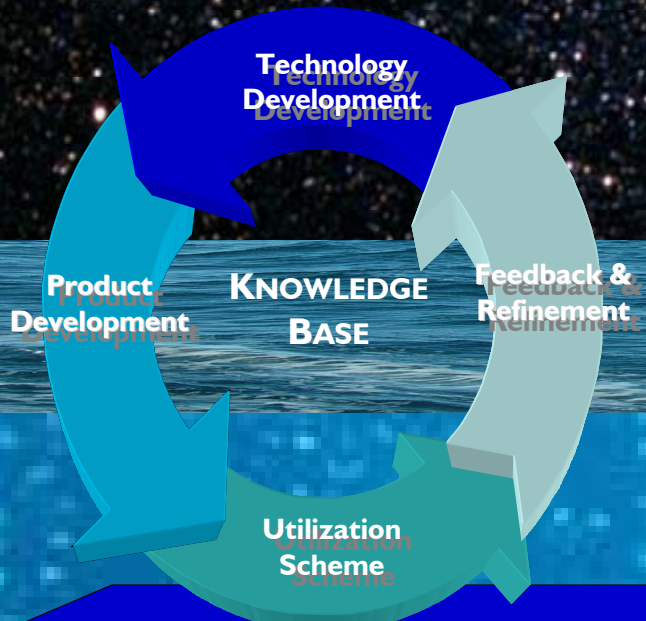


RESEARCH TO OPERATIONS

DESIGN AND IMPLEMENT OF OPERATIONAL SATELLITE REMOTE SENSING PRODUCTS AND SERVICES, PROVIDING AN EFFICIENT EFFECTIVE DELIVERY SYSTEM TO THE USER COMMUNITY.



RESEARCH TO OPERATIONS: NASA - NOAA



TRANSITION NASA TECHNOLOGY AND DATA STREAMS TO NOAA OPERATIONS; PROVIDE OPERATIONAL DATA AND PRODUCTS

- Operational impact of SVW at TPC/OPC
- Develop improved operational rain flag for characterizing cyclones
- Access to WindSAT by WFOs
- Finer resolution landmask and SVW for use at coastal WFOs
- Operational impact of SVW at coastal WFOs

SURFACE VECTOR WINDS

- Combine SSH and SVW for ocean current analysis
- Observational requirements for GSLR
- Socioeconomic impacts of GSLR

SEA SURFACE HEIGHT

Operational calibration and QA for JASON-2

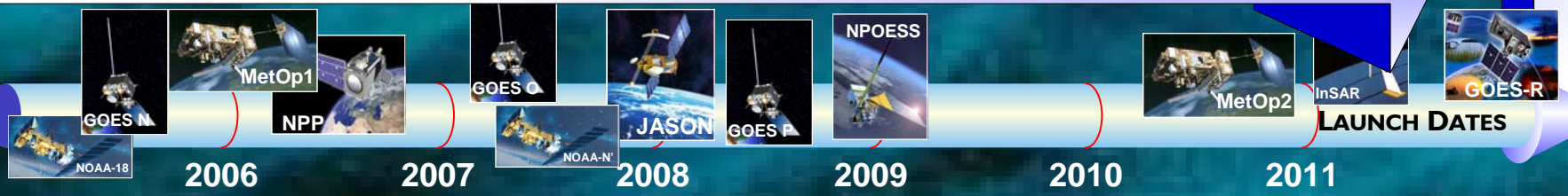
- Develop robust in-situ oceanic calibration capability
- Define operational climate-quality ocean color
- Facilitate access to multiple satellite data for fisheries & IOOS requirements

OCEAN COLOR

Operational NPP/VIIRS Ocean Color

CONTRIBUTIONS

- TRANSITION TO OPERATIONS
- SATELLITE DATA ACCESS
- OPERATIONAL DATA STREAMS
- OPERATIONAL PRODUCTS



CALIBRATION / VALIDATION

PROVIDE GEOPHYSICAL SATELLITE OBSERVATIONS WITH DEFINED UNCERTAINTIES TO THE OPERATIONAL AND SCIENCE COMMUNITIES WITH A LONG TERM GOAL TO PROVIDE CLIMATE-QUALITY DATA RECORDS.

