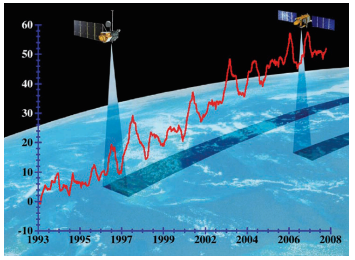
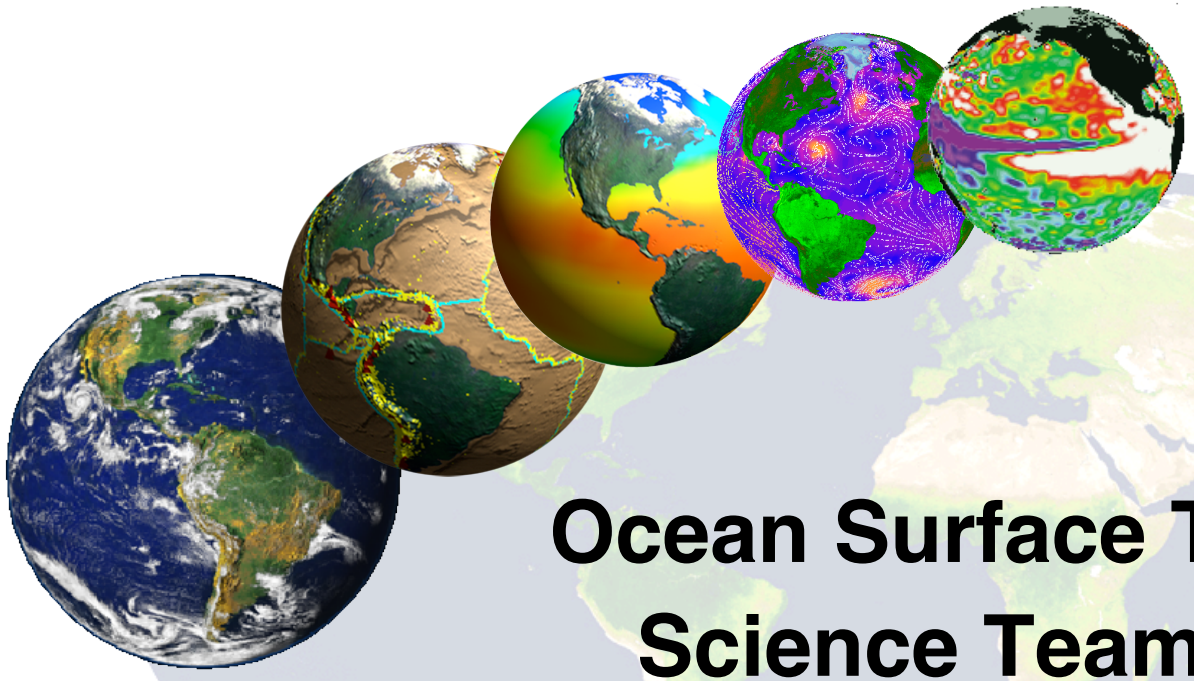
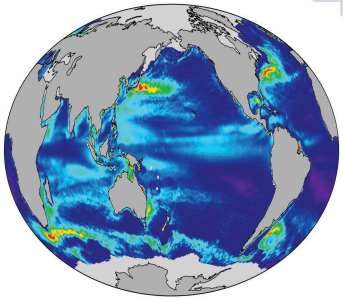




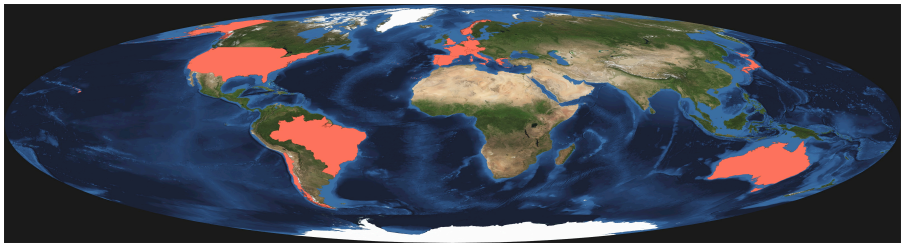
Ocean Surface Topography Science Team Meeting



Eric Lindstrom
NASA Science Mission Directorate
Earth Science Division
22 June 2009

- Status of the Team/Selection Schedule
- Reporting Schedule
- What is on the Horizon
- Next Science Team Meeting
- NASA Program Scientist Duties

OSTST Selection Status

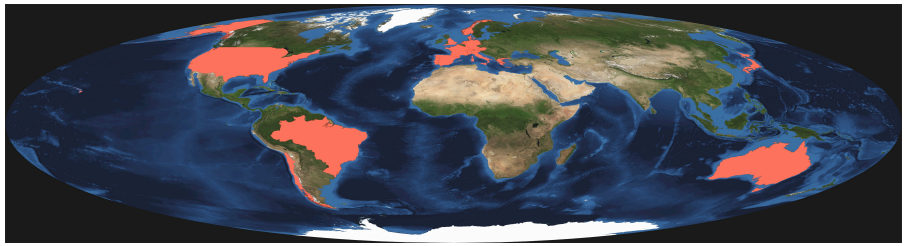


•26 US PI Selected
Investigations Starting 1 October 2008 for 4 years

•Retained some flexibility to add some studies to support development of high-resolution altimetry. Opportunity solicited in ROSES09 – Physical Oceanography Program (Proposals due 6/30)

•Extension of old OSTST contracts through March 2009. Reports received and files closed.

OSTST Selection Status



•Annual Reports – due in June 2009, June 2010, June 2011, and final reports January 2013.

•Continuing need for high level summaries of your results (.ppt) for monthly reports at HQ.

•Next proposals due ~end March 2012 for funding October 1, 2012.

•Announcement would likely appear in ROSES 2011 (Issued February 2011, 13 months ahead of proposal deadline.

Key recommendations from OSTST

- Cal/Val and on-orbit performance of Jason-2
- Readiness of Jason-2 GDR

On the Horizon

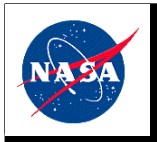
- Jason-3
  - Draft 4-party MOU crafted. NASA continues support for science team.
  - Draft NOAA-NASA MOU for provision of instruments and launch.
- Surface Water and Ocean Topography (SWOT)
  - Initial Science Requirements Document completed
  - Technology and Design Studies continue (~$2M/yr+)
  - MCR Spring 2010?
  - Budget wedge for Decadal Survey Tier-2 Missions TBD

Next Science Team Meeting

- Considering: Site in the Mediterranean?
- Venue: A lovely place
- Dates: October/November 2010

Developments at NASA Headquarters

- Regular duties as Physical Oceanography Program Scientist and Mission Program Scientist for Jason-1, Jason-2, QuikSCAT, Aquarius/SAC-D, DFS on GCOM-W2, Jason-3, and SWOT.
- Climate Focus Area Lead
- Chair of the international Ocean Observations Panel for Climate



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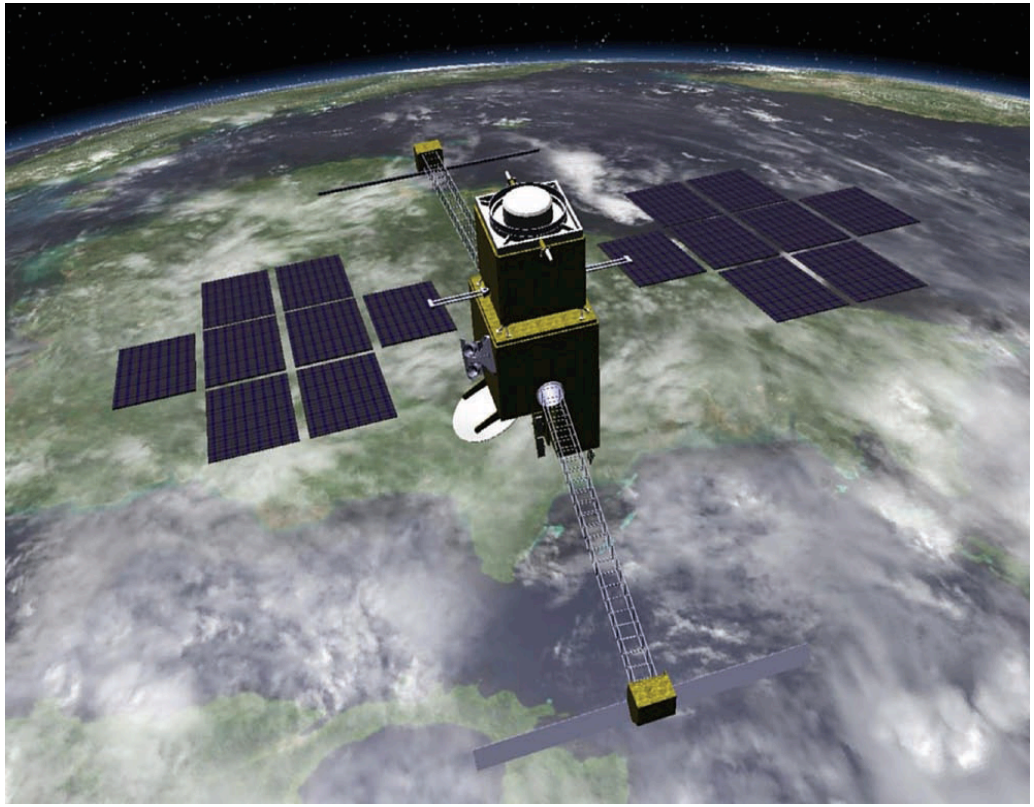
National Aeronautics
and Space Administration

Exploring Our Ocean Planet from Space

NASA Oceanography
oceans.nasa.gov

Surface Water and Ocean Topography



The SWOT spacecraft, shown here in an artist's conception, will make accurate measurements of mesoscale ocean features and surface water parameters.

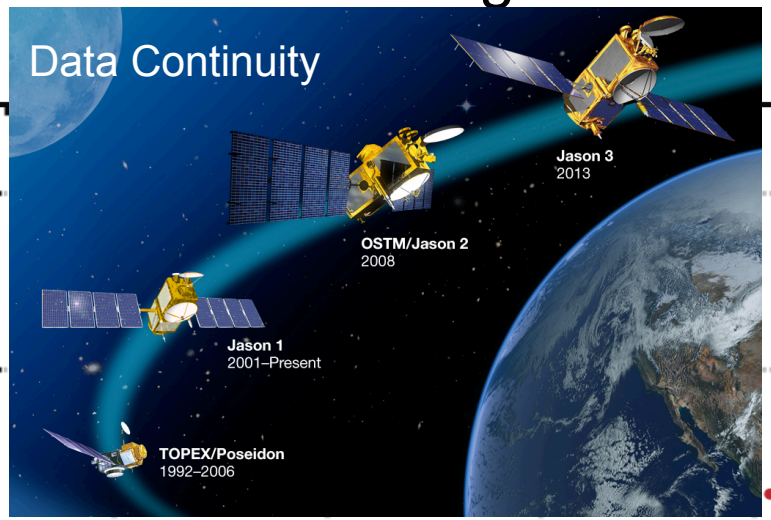
NASA/CNES Partnership

2016 Era

Joining the Physical Oceanography And Surface Water Hydrology Communities

Global Mean Sea Level Rise

Average Rate = 3.5 mm per year



[IPCC FAR Fig. 5.14]