

*Outreach,
Education and
Altimetric Data
Products &
Services*

Main points

- Lots of activities around data improvement:
 - for their quality
 - for user-dedicated/high level processing
 - for data retrieval tools: providing tools to ease the access of altimetry data, of all levels
- Real interest from the young generation
- Training an important subject –at all levels;
more widespread information on training sessions planned?
- We are interested to know of **any** kind of outreach, education, exhibition, helping tools, ... activities you might have
- Promotion of OST science & applications

User-dedicated approach of data & tools

- The era of “one data fit all” definitely past
 - New users have different concerns and different skills
 - New, highly refined, data can also help gain new users and thus prove the interest in and of altimetry
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- ➔ development of systems to distribute data better fitted to users needs (including data bases, data mining...),
 - ➔ even more refined products (filaments, indicators—e.g. MSL, ENSO, coastal, hydrology products, etc.),
 - ➔ development of tools to help them

Education

- Training is a recurring concern
 - in “classic” frame (students within university in our countries, teachers taught),
 - but also in developing countries, for scientists and engineers with very few, or even no experience in satellite data use (? possibility of spreading the announcement for the benefit of new, quite isolated, users?)
- Climate a major focus/incentive
- Young people concerned, very enthusiast
 - Argonautica
 - JPL Climate Day
 - etc.

Media & Public Outreach

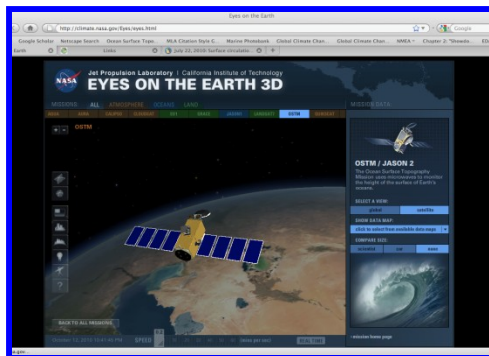
- Activities continuing – web, press releases, features, etc.
- Promotion of OST science & applications

2009-2010 Highlights

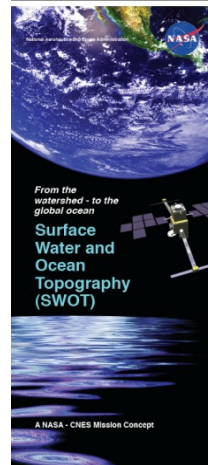
- Continued promotion of societal benefits
- Tandem Mission highlights
- Updates to OST & SWOT pages (+Wikipedia)
- NASA/JPL Climate Day, March 2010
- NASA Earth mission iPhone App
- OST missions in NASA Web “Eyes on the Earth”
- New SWOT brochure



Climate Day



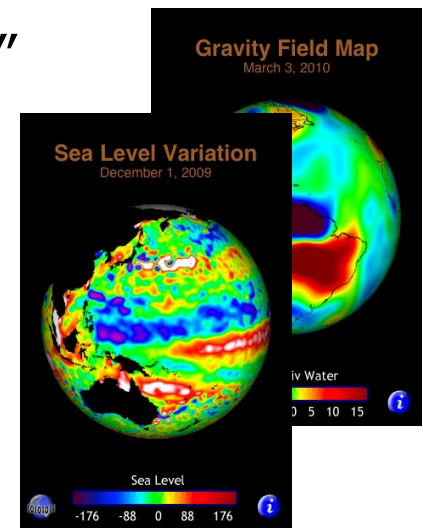
Climate.nasa.gov



SWOT brochure



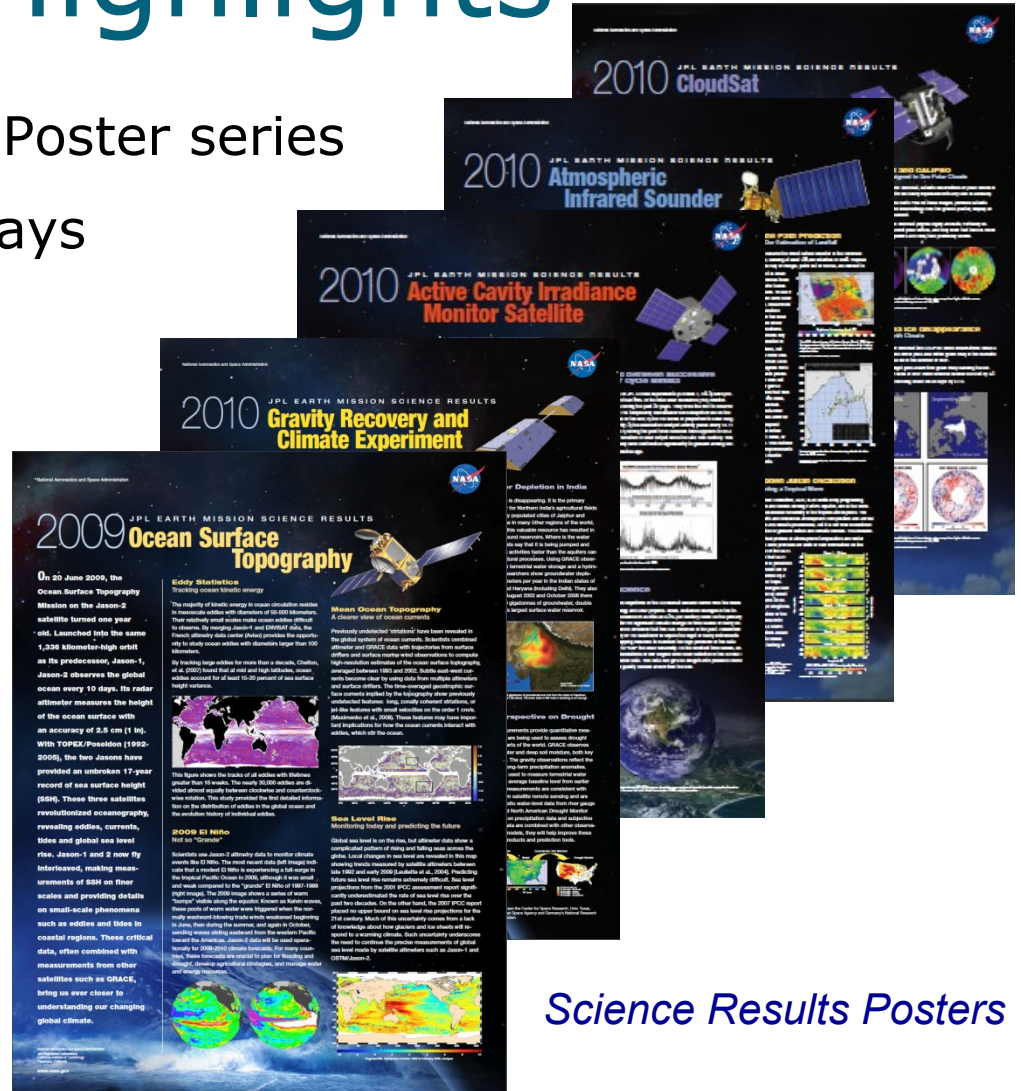
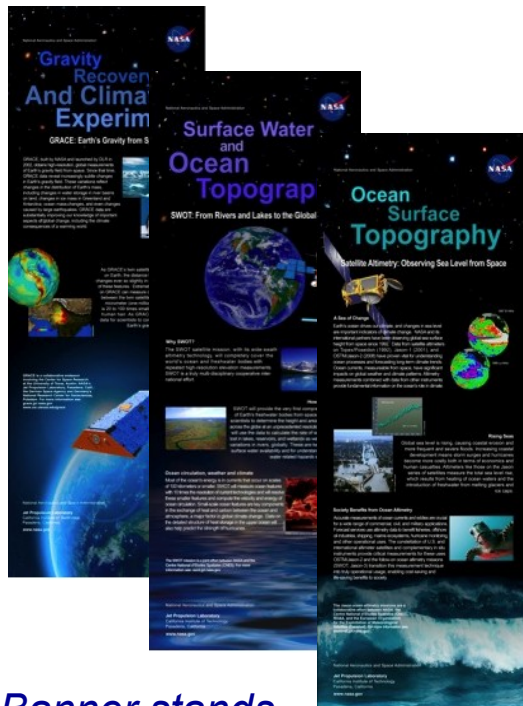
Sealevel.jpl.nasa.gov



iPhone App

2009-2010 Highlights

- Mission Science Results Poster series
- New Banner Stand displays

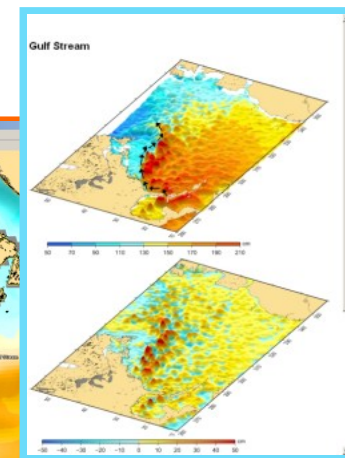
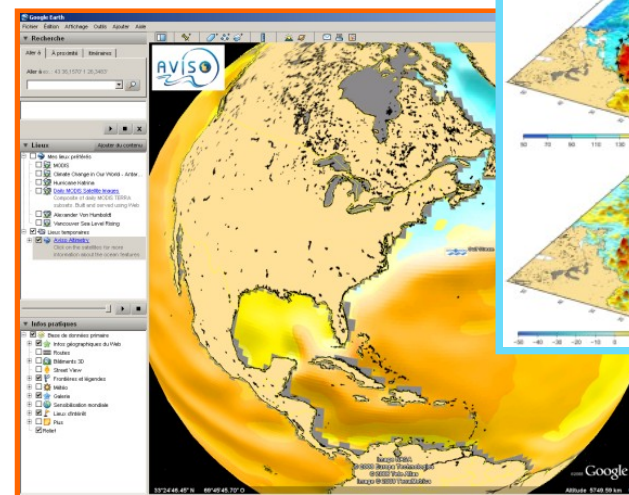


Science Results Posters

Banner stands

2009-2010 Highlights

- 2010 wall calendar
- Google Earth browse through altimetry applications
- Coastal Data Use case ("PISTACH" data)
- Argonautica 2009-2010
- 2010 Revision "Discovering the Ocean" book cover
- Aviso Newsletter



2009-2010 Highlights

- Doris “20 years” material (leaflet, Rollup, movies, new logo)...
- animation made within the CNES/MyOcean/Mercator Océan collaboration (different parameters / techniques used – SST, model, alti...)
- “VIGIE” educational project (High school students from Toulouse plus retired and active scientists/engineers)

The Earth in movement

The constant progress of DORIS makes it a leading system for precision orbitography, which is a crucial aspect of altimetry applications, ranging from operational oceanography, modelling to climatic studies.

Monitoring ocean levels

DORIS
From geodesy to geophysics

DORIS has put its unique network of stations and its precise positioning capability at the service of geodesy and geophysics.

Participating in the international reference frame

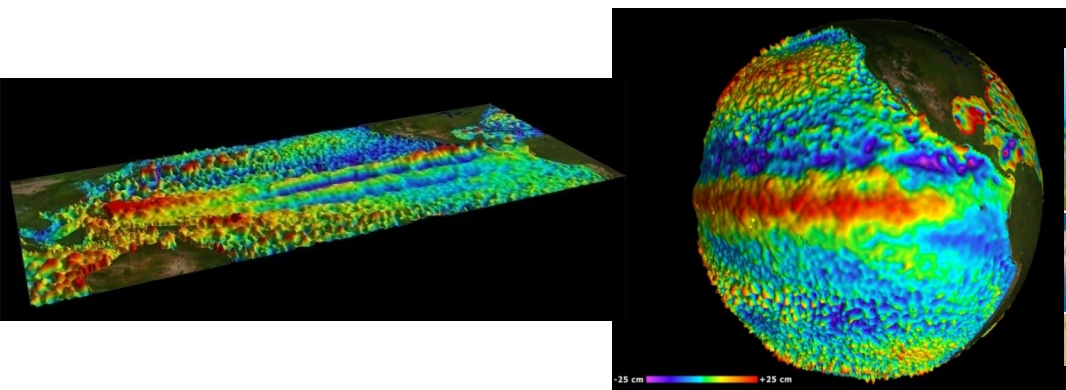
Determining the movement of the tectonic plates

Measuring variations in the Earth's axis of rotation & Understanding the movement of the Earth's centre of masses

DORIS 20th anniversary

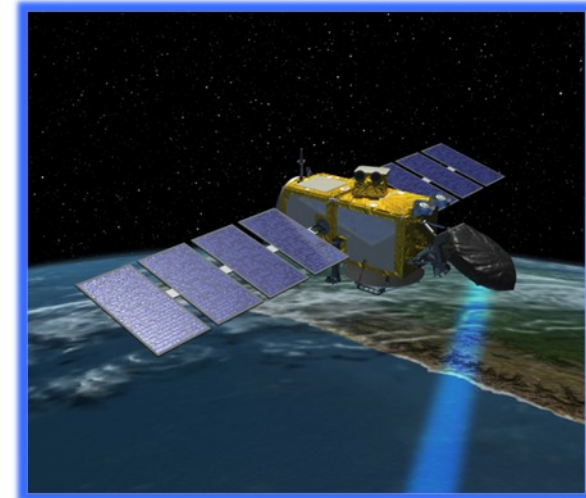
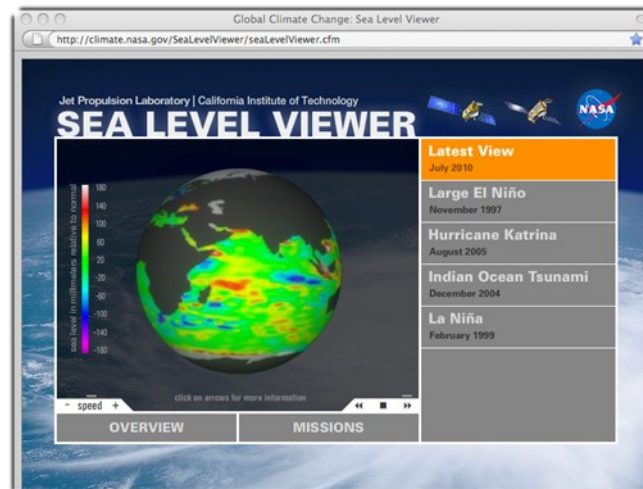
ALTIMETRY FOR OCEANS AND HYDROLOGY
18-22 October 2010 – Lisbon – Portugal

Logos for CNES, JDS, and EUMETSAT are visible at the bottom of the rollup.



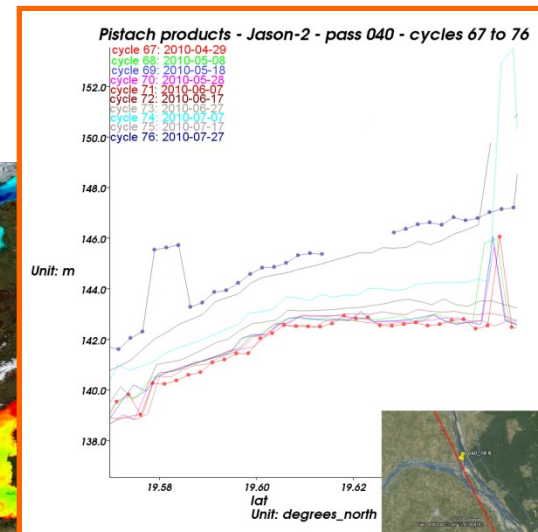
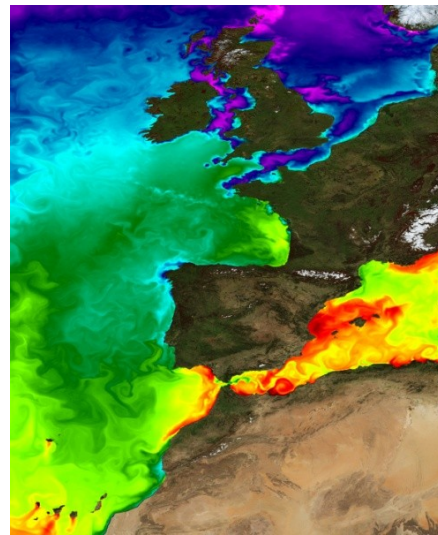
New Planned Efforts

- Jason-2/OSTM, SWOT, Jason-3 and Saral education & public outreach and applications outreach
- Altimetry and multi-sensor applications promotion
- Coverage of science team research and other applications on web, posters, products
- Google Earth altimetry application browser with a series of new images (cont'd)



New Planned Efforts

- Three more "Data Use Cases" with coastal and hydrology data
- And four more directly in BRAT frame (Cryosat, geostrophic velocities, GOCE/alti)
- Animations made within the collaboration CNES / MyOcean / Mercator Océan (cont'd)
- VIGIE2 ?
- Saral movie
- 2011 wall calendar



OSTST posters on the web

- A complete overview of what was shown during this meeting
- An archive of past meetings (from 1998)
- Send them in pdf to aviso@oceanobs.com
- Your posters available online at:
<http://www.aviso.oceanobs.com/ostst/>

