



Outreach & data services

In summary

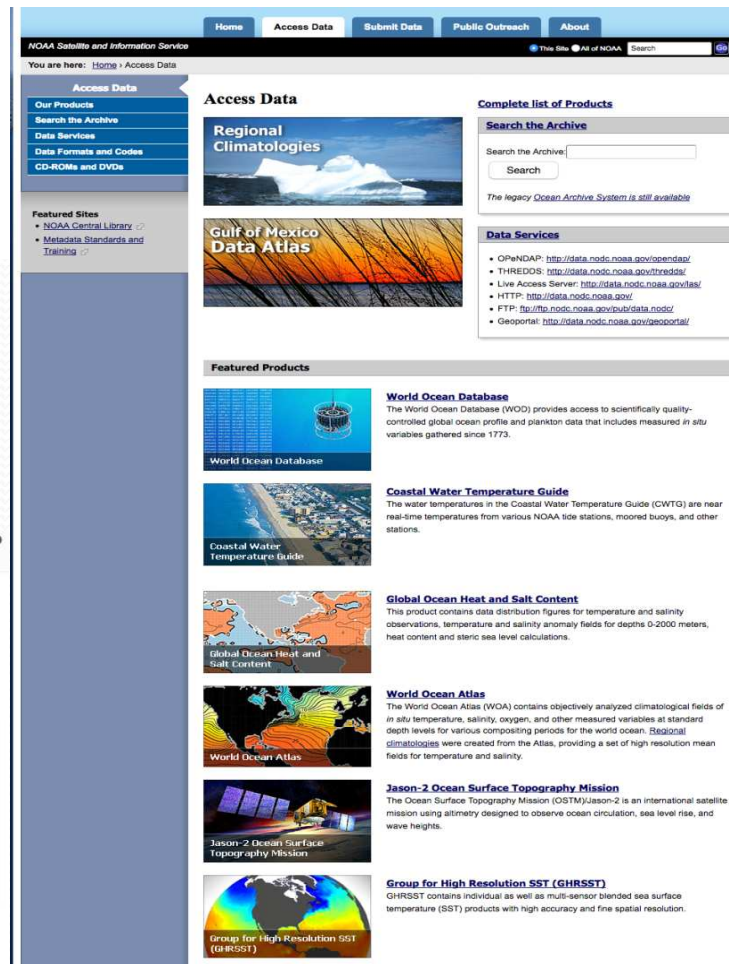
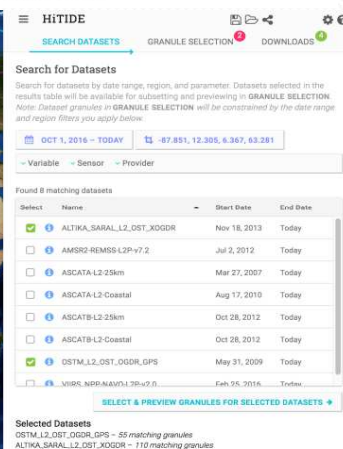
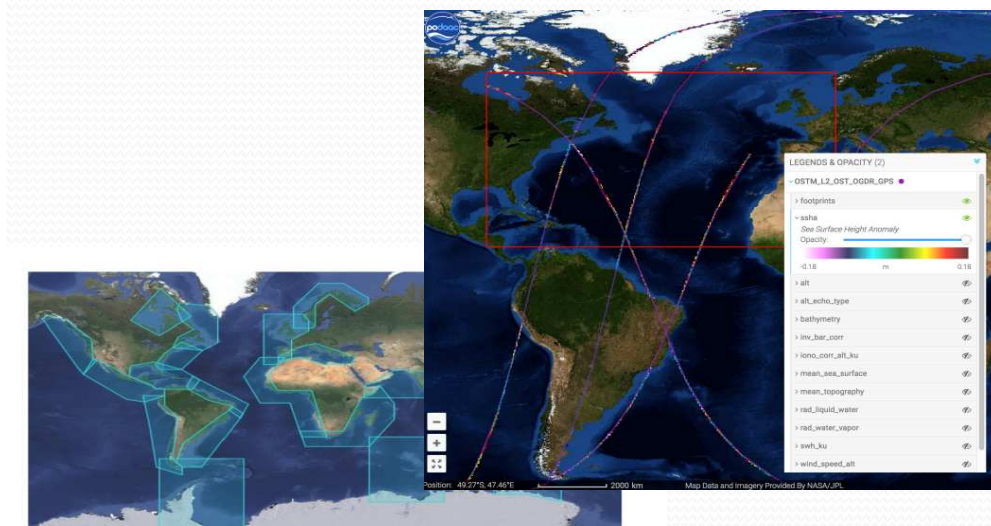
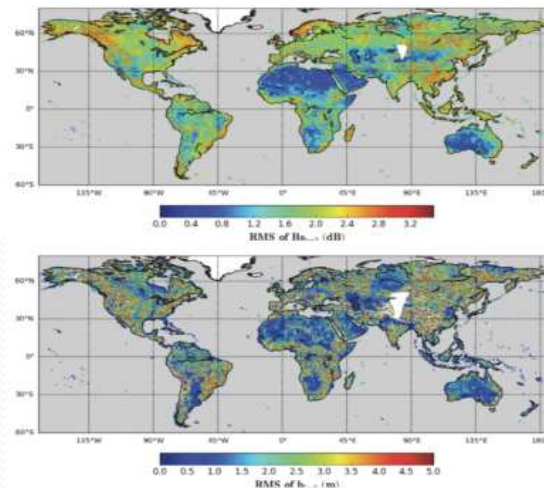
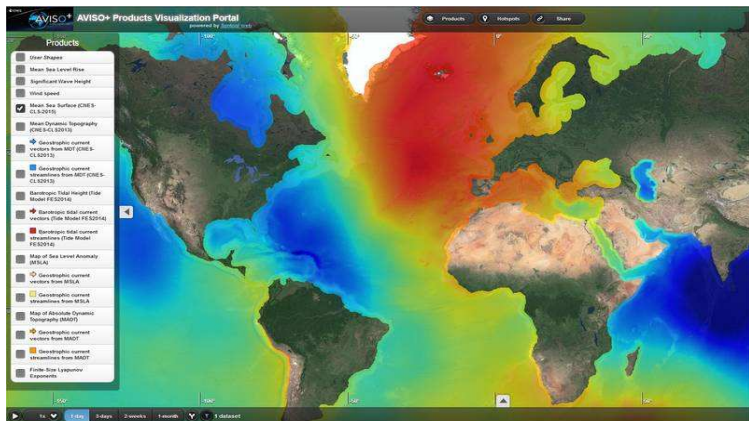


- Data Services: 3 presentations, 4 showcases, 4 Posters
- Outreach: 1 presentation, 7 showcases, 2 Posters
- The short format of the “outreach showcases” very popular this year
- About 30 attendees

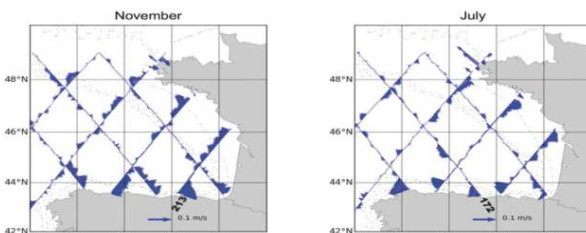
Data services



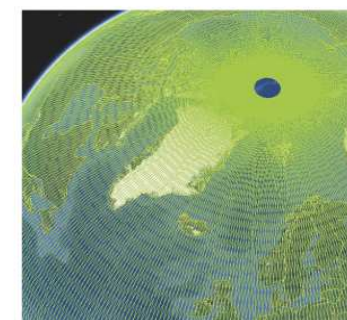
- Some new products distributed
- Updated/upgraded services (online, interactive including web services) to distribute them
- Upgraded tools
- Jason-3 data integrated into the four main data centers



Definition of the regional polygons in release 2016, covering now all the coastal areas.



Monthly climatology of the surface geostrophic current anomalies

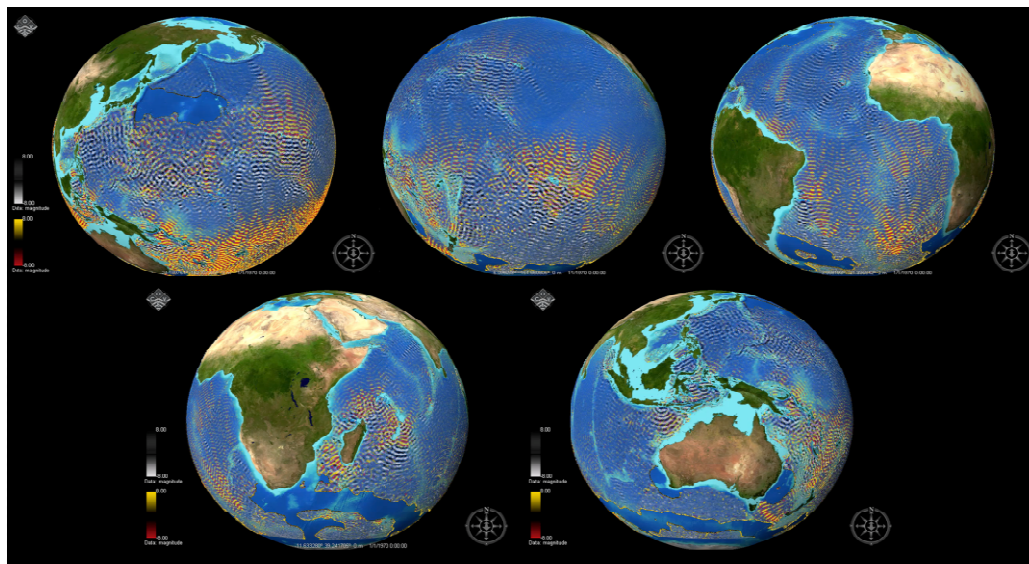


CryoSat-2 ground tracks for one sub-cycle (29 days)

Outreach



- Jason-3 / Sentinel-3A launched this year
- MOOC (online courses) on the rise as outreach approach.
need to define a public & an objective, to choose a platform,
a repetition scheme (scheduled at given time, or open at any
time), supplementary material, etc.



Internal Tide Animations

(M2 semidiurnal frequency, first baroclinic mode)

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https://www.dropbox.com/s/yzyvzsa19m7z/AAG/BI7Kc28ANw_caYC2LGsa7d?dl=0

Zhan, Z., J. B. Giron, J. B. Giron, L. Robinson, and M. H. Alford, 2019, Global Observations of Ocean-Climate Interactions: The Internal Tide, J. Phys.



Enroll your class in the **Argo Floats** field trip



Visit the [website](https://www.learnz.org.nz) to find out more

Or call the teacher free phone 0800 22 55 53

Part of the LEARNZ programme www.learnz.org.nz provided by CORE Education www.core-ed.org.nz
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- **Videos**
5-6 videos shot/day → 1 video/day
- **Diaries**
Each day describing the action
- **Audiokonferences**
Twice a day students can ask questions of experts in the field
- **Images**
Hundreds of images can be viewed and downloaded
- **Ambassadors**
Send a class member (soft toy) to experience the live trip



Outreach



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- MOOC (online courses) on the rise as outreach approach.
need to define a public & an objective, to choose a platform, a repetition scheme (scheduled at given time, or open at any time), supplementary material, etc.
- F. Dell'Amico presented the La Rochelle Aquarium outreach on Sea turtles, in link with Argonautica



CNES is launching a competition

In French or English

Students should design a small web site on climate and environment

Open to primary, middle and high school.



JASON 3



Discover the role of Jason-3, the European-American oceanography satellite launched at the beginning of 2016 to study the climate and the environment, by taking part in the **Jason-3 mini-site competition***.

Use the resources made available by the various stakeholders in this space project, to design a mini-site which reflects your understanding of satellite-based Earth observation of climate and biodiversity changes.

The competition is limited to primary and secondary school classes. The articles may be written in French or English.

CNES will be awarding a prize for the best production for each of the three school levels. The winning sites will be highlighted on CNES web sites and social networks and those of its partners.

<http://concoursjason3cneseu.org>

***Open 7 November 2016 to 1 February 2017**

Recommendations / perspectives

- A number of resources (figures, maps, movies, animations, schemes...) available
 - On the web e.g.
www.aviso.altimetry.fr/gallery , sealevel.jpl.nasa.gov/gallery/
 - On our computers / databases
- don't hesitate to ask for general material or a specific theme / figure
(at worst, we can think about having it made for future uses)
- If you have “hands-on” activities, try to write a rough description to share it (and/or send a movie?)

Recommendations / perspectives

- Possibility of proposing a “demonstration” format during next OSTST in addition to posters & orals?
 - an area with tables / some tables scattered within the session poster
 - Ideally with a screen each on the wall or at least high enough, so that it is easy to show things to more than one person, and on something bigger than a laptop screen
 - Show time during poster sessions

This would give the opportunity of really showing interactive services (data services as well as some outreach material, or even applications)

Recommendations / perspectives

- Consider MOOC & webinars and online tools for outreach and data dissemination
- Invite people working at science centers / museums / aquariums close to OSTST next meetings to participate in the outreach session (e.g. F. Dell'Amico from Aquarium La Rochelle this year)
- Polarpod expedition as outreach support?



OSTST posters on the web

- A complete overview of what was shown during this meeting
- An archive of past meetings
- **UPLOAD** them in pdf on <http://meetings.aviso.altimetry.fr> using the account created to submit abstracts.
(you can also upload your presentations too –provided you submitted an abstract for it)
- Your posters available online at this address