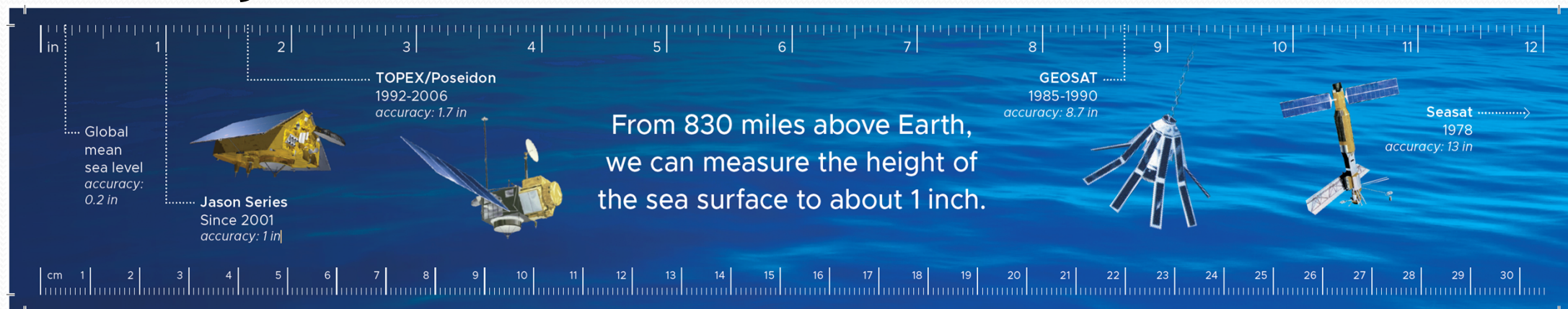# Outreach & data services

Session Summary

- 5 oral, 15 posters & 7 showcases
    - First year received more oral requests than slots available
- ERDDAP (data tool), garbage patch citizen sciences, cli-fi web series
- updates of tools, services and projects
    - PO.DAAC, Aviso, RUS, G-POD, Argonautica...
- About 50 attendees

OUTREACH, EDUCATION AND ALTIMETRIC DATA SERVICES

From 830 miles above Earth, we can measure the height of the sea surface to about 1 inch.

Global mean sea level accuracy: 0.2 in

Jason Series Since 2001 accuracy: 1 in

TOPEX/Poseidon 1992-2006 accuracy: 1.7 in

GEOSAT 1985-1990 accuracy: 8.7 in

Seasat 1978 accuracy: 13 in

- Demos
  - Recommendation from last year
  - RUS, PO.DAAC Portal, Cli-Fi, Argonautia, ERDDAP
  - Still need to work on logisitics

Discussion

How can we connect to museums and science centers to provide satellite data for input to climate change exhibits?

- In US, the NASA Museum Alliance – over 400 informal education organizations (museums, aquaria, etc.). US portion of OSTST Outreach could engage this group.

- Science museum organization exists in Europe, and/or in each country.

- Continue inviting local museums or science centers to present at the OSTST

Reprocessing Jason series data to Jason-CS…

- Yes

How should we advance coastal, hydrology, cryosphere, and ocean altimetry?

- Tutorials on coastal altimetry, hydrology and cryosphere tools/data products to further use

- Coordinate/combine OSTST & SWOT ST after the next call (in 3 years)?

Discussion

Should the OSTST try a joint meeting with other teams (Argo, SWOT, etc.)? If so, what other groups?

- Yes, pair up meetings,
  - Include meetings that focus on modelling and/or in situ

Are there suggestions about how lower the carbon footprint of the meeting?

- Less frequent meetings (e.g. every 1.5 to 2 years)

- Virtual meetings (i.e., WebEx, Zoom)
  - Local concentrations of members can host physical space (Pasadena, Toulouse, etc.)
  - Record meetings for viewing later
  - Upload your poster so people who are not here can still see them

- And/or intermediate WebEx-only working groups?

OSTST on the web

- A complete overview of what was shown during this meeting, presentations & posters
- An archive of past meetings

http://meetings.aviso.altimetry.fr

- **UPLOAD** your poster(s) in pdf (<10 MB) on http://meetings.aviso.altimetry.fr using the account created to submit the abstract(s).
(you can also upload your presentation(s) too)