PO.DAAC Data Archival/Distribution Support of NASA Salinity

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2 New Satellite Data Collection Releases (7 datasets)

• 2019-08-29  RSS SMAP-SSS V4.0
   L2C + L3 SSS 8day-running & Monthly (3)

• 2020-03-18  JPL SMAP-SSS CAP V4.3
   L2B NRT & delayed mode products + L3 SSS 8day-running & Monthly products (4)

These are the 2 SMAP-SSS collections discoverable/available on the PO.DAAC portal and integrated into tools/services (Drive, OPeNDAP, THREDDS, LAS, Metrics)
https://podaac.jpl.nasa.gov/datasetlist?search=smap

Upcoming Releases:  TBD

All Prior RSS and JPL SMAP-SSS Versions/Datasets are archived…

• … but no longer discoverable via the PODAAC portal or NASA Earth Data Search, and have been removed from public facing tools/services

• Policy: older datasets are fully retired 6 months after new version is released to allow for a period of inter-comparison (after that time datasets move to the /retired portion of the archive and Drive).
New *in-situ* Data Collection Releases (14 datasets)

- **2019-10-24** **SPURS-2 Field Campaign datasets** (8)
  PAL (Acoustic Passive Listener), Seaglider, drifter (multiple types), towed Surface Salinity Profile (SSP), Research Vessel meteorology & surface water observations, Pico Mooring, Neutrally Buoyant Float, and underway data from the sailing vessel Lady Amber

- **2019-8-13** **SPURS-2 Field Campaign Datasets** (6)
  salinity snake, waveglider, rawinsonde, underway CTD (uCTD), underway surface profiling system (USPS) with associated thermosalinograph (TSG) data, and controlled flux technique (CFT) video imagery data

**Upcoming** - Final batch SPURS2 data (eg. WHOI mooring, …)
- Saildrone Arctic campaign data (April 2020)
SCP Validation support
• Working closely with teams at RSS and JPL
• Saildrone California/Baja and future Arctic data used in ongoing validation efforts

User Services
• Ongoing user support via:
  • PODAAC Helpdesk podaac@podaac.jpl.nasa.gov
  • Forum https://podaac.jpl.nasa.gov/forum/
• User/Data Metrics & Reporting
• Dataset Citation Metrics on portal (new)

Mission Pages:
• SMAP-SSS
• SPURS2
• Saildrone
Web-based tools for Enhanced NASA Field Campaign Support

Development efforts towards a Generalized Satellite-in situ data visualization tool

https://www.youtube.com/watch?v=5ThD9T3pXpU
If your salinity project produces data products of use/importance to the broader community, you have a NASA funding agency requirement to archive your data at a DAAC, and you stated in your proposal that you would do so, then …

- **Contact the PODAAC proactively to inform us of your dataset, timeline and data submission plans**

- **While PODAAC encourages relevant submissions, it also has a review, approval and prioritization process for archival of candidate PI datasets**

- **Requirements for Archival:**
  - “Dataset Submission Agreement” is completed between Data provider and PODAAC
  - Technical Interfaces to access the data are defined & documented (ICD)
  - Data are accompanied by Technical Documentation (eg. ATBD, User Guide/Format Spec, Validation Report)
Questions ?