

A satellite-style map of the Pacific Ocean, showing the western coast of North America and the Hawaiian Islands on the left, and the eastern coast of Asia and Australia on the right. The ocean is a deep blue color. A small pink lighthouse icon is positioned in the center of the map.

SPURS-2 Information System Update

Frederick Bingham, Zhijin Li, Vardis Tsonotos and Peggy Li

Datasets we have final versions of

- Revelle shipboard ADCP (6 datasets)
- Revelle shipboard CTD (2 datasets)
- Revelle XBTs (2 datasets)



Datasets we know about but don't have final versions of (PI)

- uCTD – 2 cruises (Sprintall)
- Shipboard underway measurements, SSP – 2 cruises (Drushka / Asher)
- Argo floats deployed on the Revelle (Riser)
- Wavegliders (Hodges)
- Seagliders (Rainville)
- Drifters deployed by Revelle and LA (Centurioni / Hormann)
- PICO Moorings met & CTD (Kessler)
- WHOI Mooring data (Farrar)
- ...

Datasets we know about but don't have final versions of (PI)

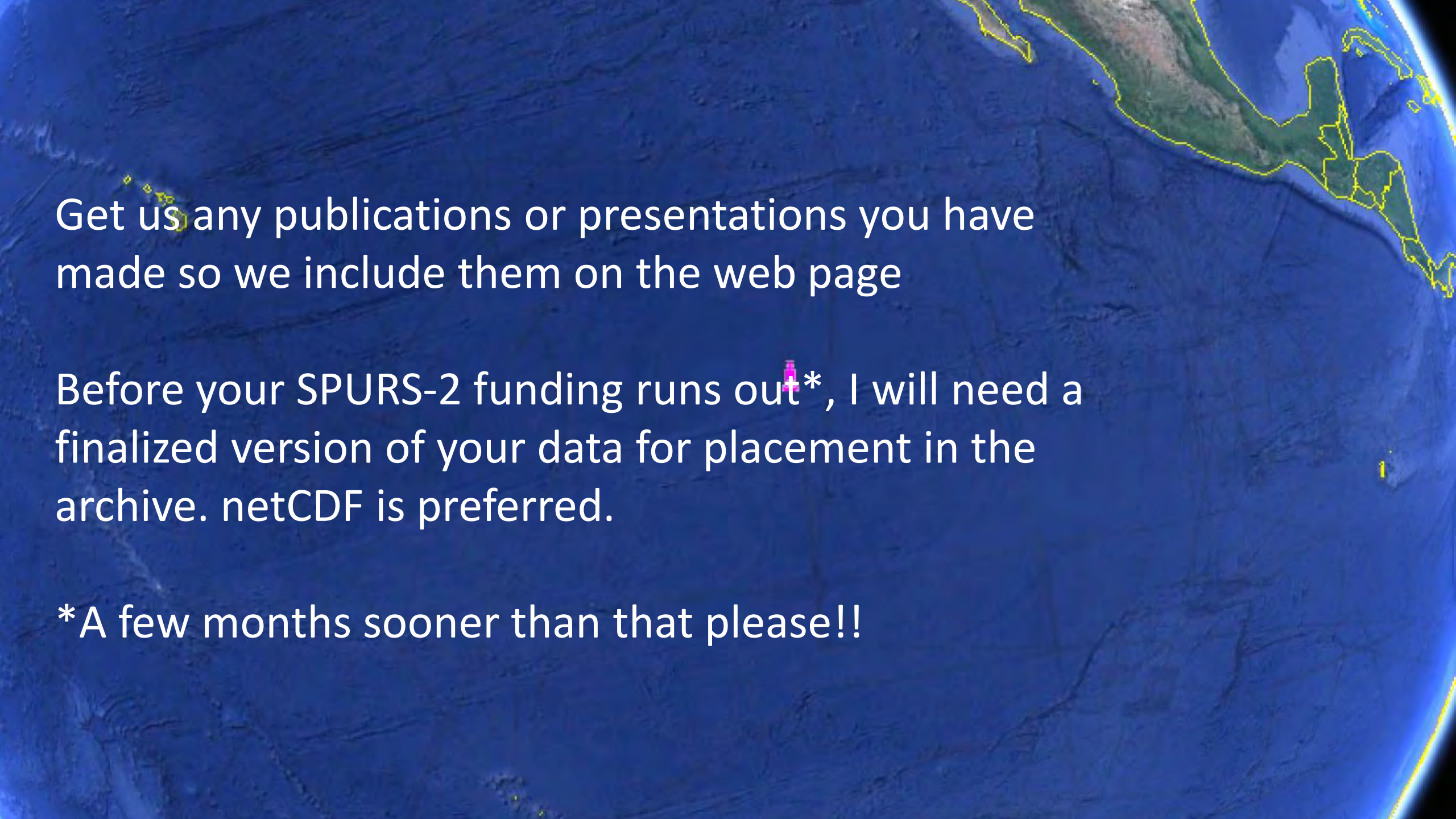
- WAMOS radar imagery (Thompson)
- Mixed-layer float (Shcherbina)
- SURPACT floats (Hasson/Supply/Reverdin)
- Lady Amber underway data (Rainville)
- Ecomappers (Hodges)
- Underway biology/nutrients (Clayton)
- Saildrone fluxes (Zhang)
- Rawindsondes (Clayson/Edson)
- ...



Datasets we know about but don't have final versions of (PI)

- Underway met data (Edson)
- Salinity snake (Schanze)
- ROSR – 2 cruises (Jessup)
- CFT (controlled flux technique) (Asher)
- Underway pCO₂/DIC/pH/DO (Ho)
- USPS (Asher)
- A-sphere casts (Clayson)
- Rain radar (Rutledge)

Any others?



Get us any publications or presentations you have made so we include them on the web page

Before your SPURS-2 funding runs out[!]*, I will need a finalized version of your data for placement in the archive. netCDF is preferred.

*A few months sooner than that please!!

Synthesis phase plans

From the SPURS-2 synthesis RFP

“Proposals are sought with scope to complete processing and validation of the SPURS-2 data, documentation of the initial results in technical journals, and **archive of a well- documented, complete SPURS-2 data set at NASA PODAAC available for research community**”

We will take the data you supply, harmonize the metadata, and put them together with publications and presentations and any other documentation, into a permanent archive

For SPURS-1

SPURS-1 Final data report

SPURS-1 Final in situ Data Submission Report

Frederick M. Bingham* and Vincent Varamo
University of North Carolina Wilmington

March 16, 2015

Updated: May 28, 2015

Abstract

This is a report documenting the final submission of the Salinity Processes in the Upper Ocean Regional Studies North Atlantic Field Campaign (SPURS-1) dataset to PO.DAAC and NODC. The report presents in narrative form the different types of instruments and sampling found in the SPURS-1 dataset.

ftp://podaac-ftp.jpl.nasa.gov/allData/insitu/L2/spurs1/docs/DataDocumentation/SPURS1_DataSubmissionReport.pdf

A possible different
path for SPURS-2...

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DATA PAPERS


Estimating active layer thickness and volumetric water content from ground penetrating radar measurements in Barrow, Alaska

E. E. Jafarov, A. D. Parsekian, K. Schaefer, L. Liu, A. C. Chen, S. K. Panda, T. Zhang

First Published: 9 January 2018

DOI: 10.1002/gdj3.49

[Abstract](#) | [Full Text \(HTML\)](#) | [PDF \(2.5MB\)](#) | [References](#)

 Open Access

DATA PAPERS

Synoptic monthly gridded global and regional four-dimensional World Ocean Database and Global Temperature and Salinity Profile Programme (T, S, u, v) fields with the optimal spectral decomposition and P-vector methods

Peter C. Chu, Chenwu Fan

First Published: 11 December 2017

DOI: 10.1002/gdj3.48


[Abstract](#) | [Full Text \(HTML\)](#) | [PDF \(21.8MB\)](#) | [References](#)

 Open Access

Final in situ data from the SPURS-2 field campaign in the eastern tropical Pacific.

F. M. Bingham, et al.

Scope of GDJ:

 *Geoscience Data Journal* provides an Open Access platform where scientific data can be formally published, in a way that includes scientific peer-review. Thus the dataset creator attains full credit for their efforts, while also improving the scientific record, providing version control for the community and allowing major datasets to be fully described, cited and discovered.

All SPURS-2 datasets will have DOIs

<http://dx.doi.org/10.5067/SPUR1-MOOR2>



podaac
Physical Oceanography Distributed Active Archive Center

Follow Us Data Search

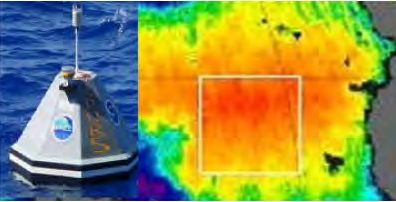
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Parameter Latency Collections Platform Sensor Spatial Coverage

Select Filter

Processing Levels

- Level-1 (11)
- Level-2 (Swath) (140)
- Level-3 (Grid) (394)
- Level-4 (Blended) (46)

 **PICO Mooring data for the SPURS-1 N. Atlantic field campaign**

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https://podaac.jpl.nasa.gov/dataset/SPURS1_MOORING_PICO

Please contact us if there are any discrepancies or inaccuracies found below.

Publication in GDJ

- I would need with your final dataset, some text describing how the data were processed, plus a basic plot or two showing locations or other relevant info, references, etc. 🗼
- This should *not* be any extra work for SPURS-2 PIs
- Advantages
 - An additional publication for everyone
 - The SPURS-2 dataset is fully described in one location in a more formal setting
 - All SPURS-2 DOIs listed in one place in a peer-reviewed reference

Other items

- How long to keep the SPURS-2 website and visualization system running?
- [Mission page](#)
- How to most effectively exchange data?
- Data submission timeline

A screenshot of a file browser interface showing a directory named 'SPURS-2_Data > MAT_Files'. The interface includes a search bar in the top right corner and a table of files with columns for Name, Modified, and Members. Each file entry includes a lock icon, a file name, a modification date, the number of members, and a three-dot menu icon.

Name ↑	Modified ↓	Members ↓	⋮
🔒 Clayson_met_data_cruise1.mat	On June 6, 2017	🔗 2 members	⋮
☰ Clayson_met_data_cruise2_readme.txt	On January 29	🔗 2 members	⋮
🔒 Clayson_met_data_cruise2.mat	On January 29	🔗 2 members	⋮
🔒 combined_drifter_data.mat	On February 2	2 members	⋮
🔒 float_data.mat	On October 12, 2017	2 members	⋮
🔒 GTS_drifter_data.mat	On February 2	2 members	⋮
🔒 LA_data.mat	On November 4, 2016	2 members	⋮
🔒 mlf_data.mat	On February 10, 2017	2 members	⋮