

SOOS
SOUTHERN OCEAN
OBSERVING SYSTEM

Data Sharing and Discovery Tools for the Southern Ocean

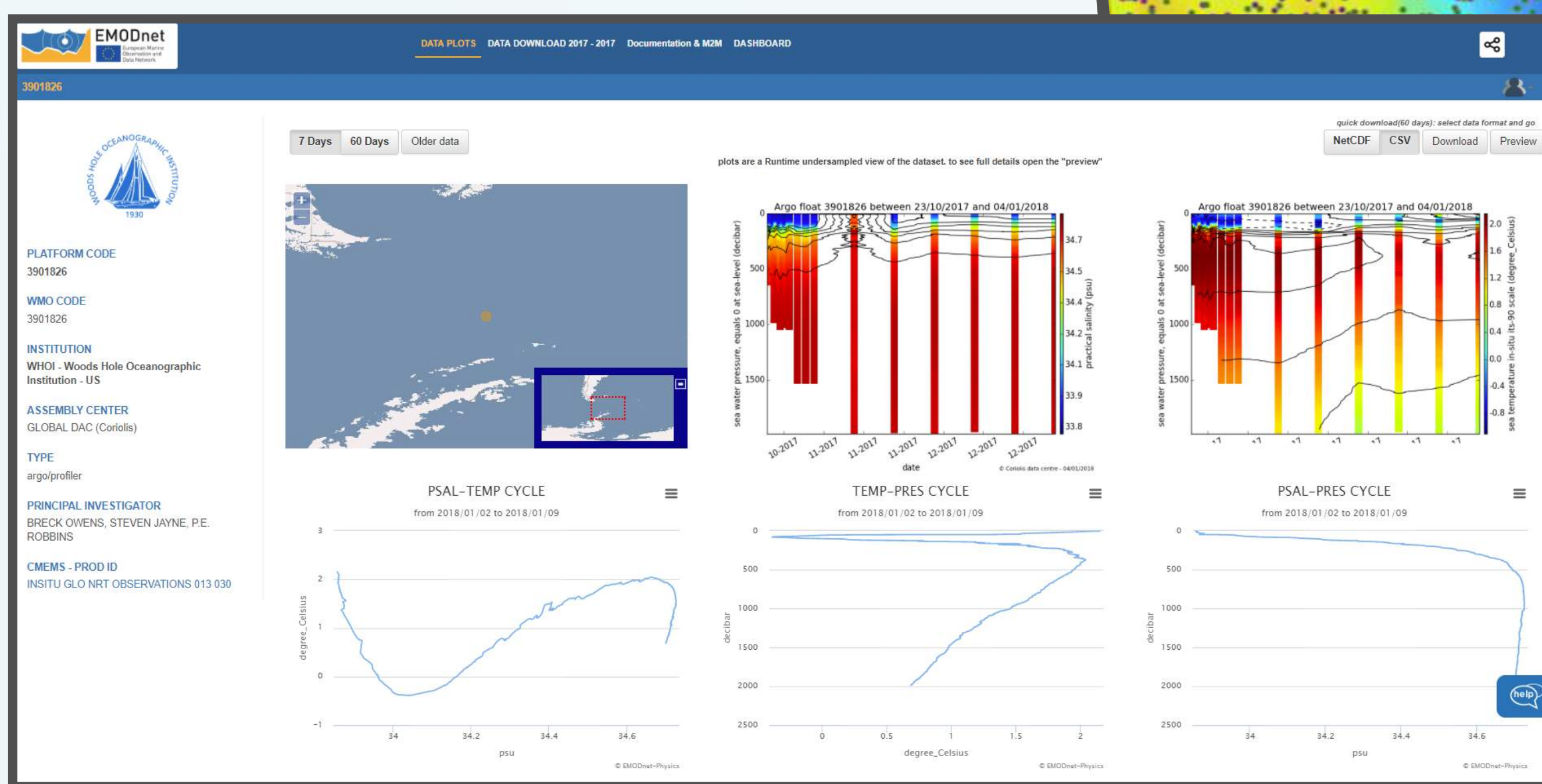
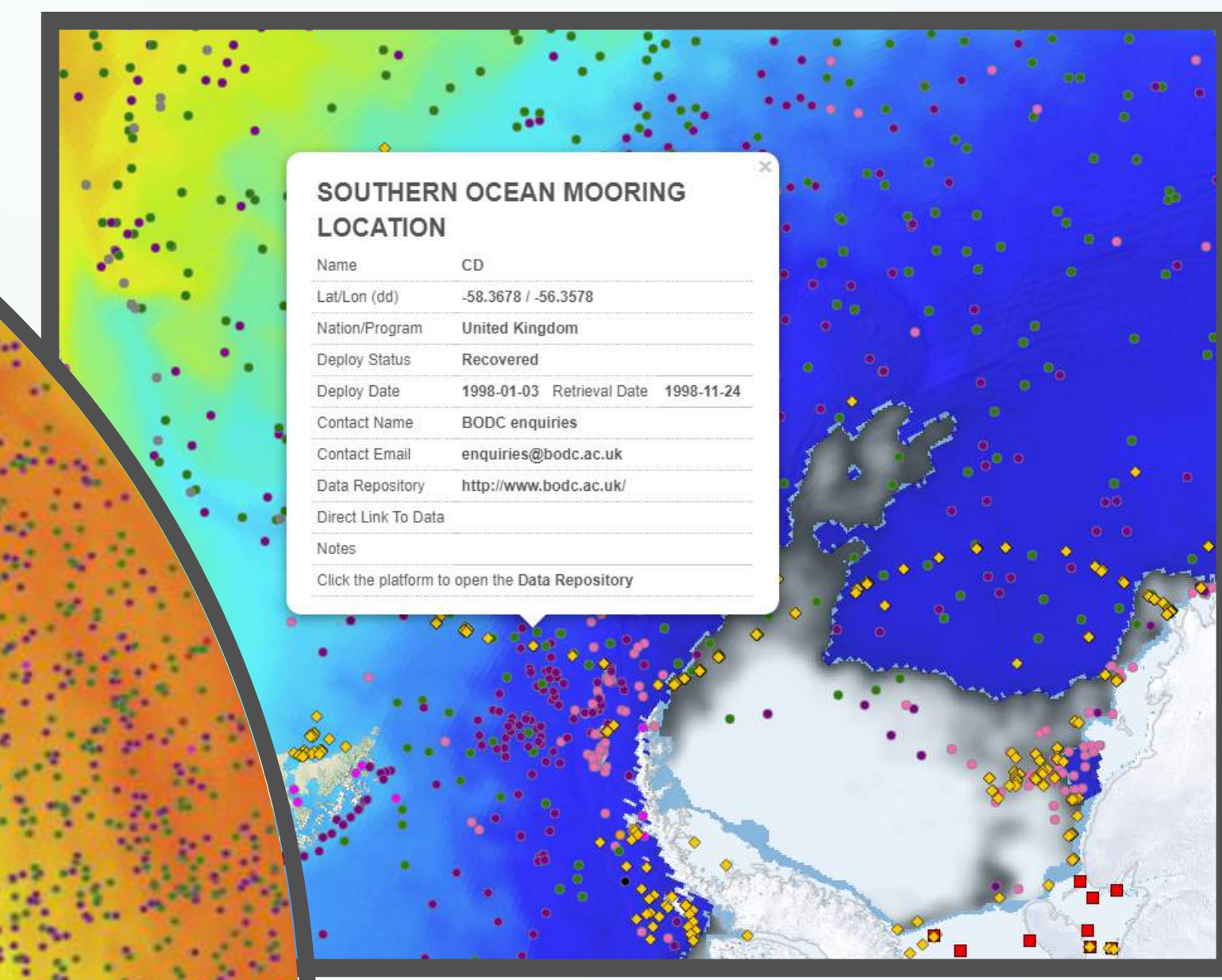
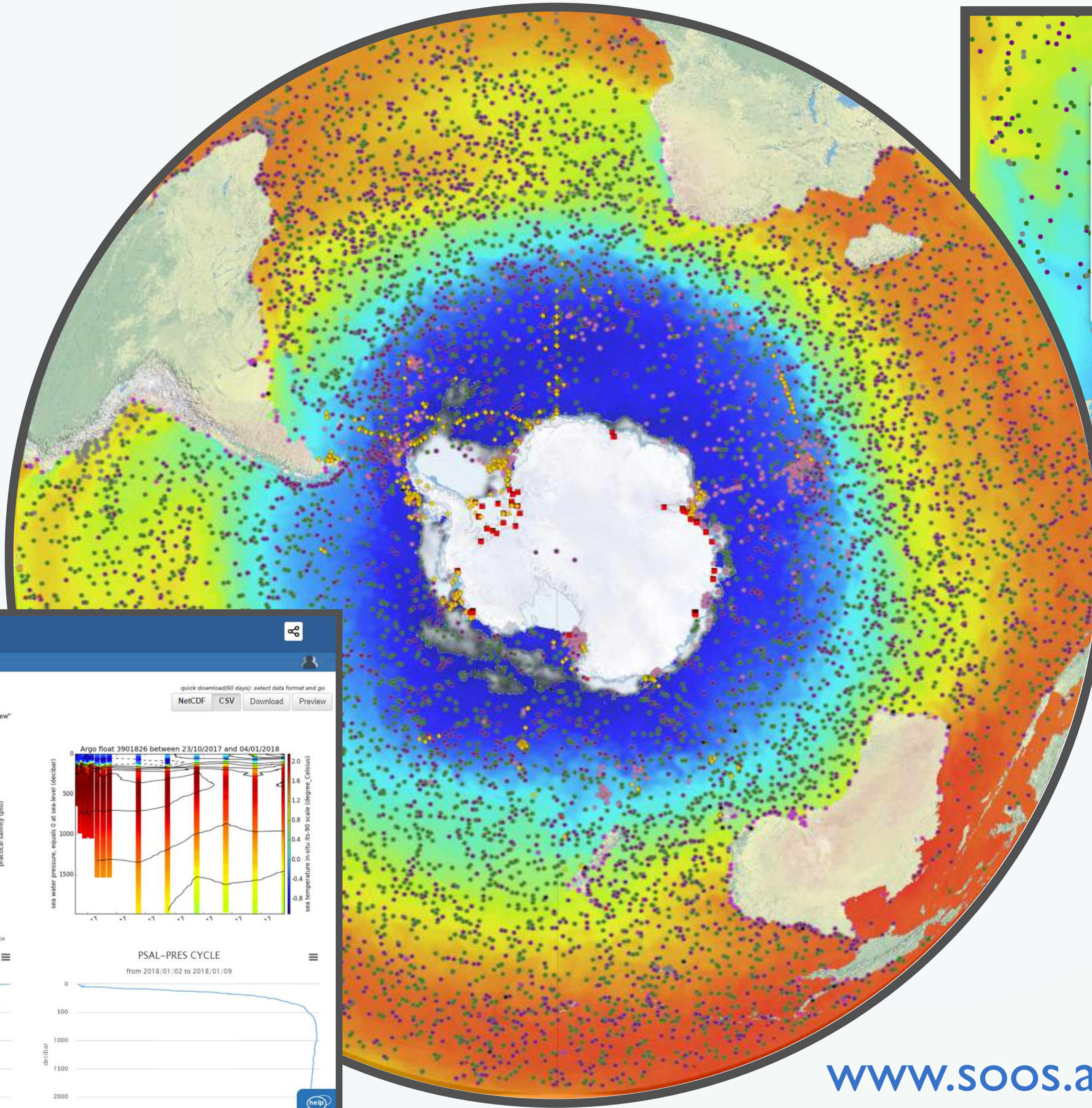
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SOOS is an international initiative with the mission to facilitate the collection and delivery of essential observations on dynamics and change of Southern Ocean systems to all international stakeholders (researchers, governments, industries), through design, advocacy and implementation of cost-effective observing and data delivery systems. As part of this, SOOS has a mandate to provide tools to make it easier to share and discover existing data from the Southern Ocean.

SOOSmap

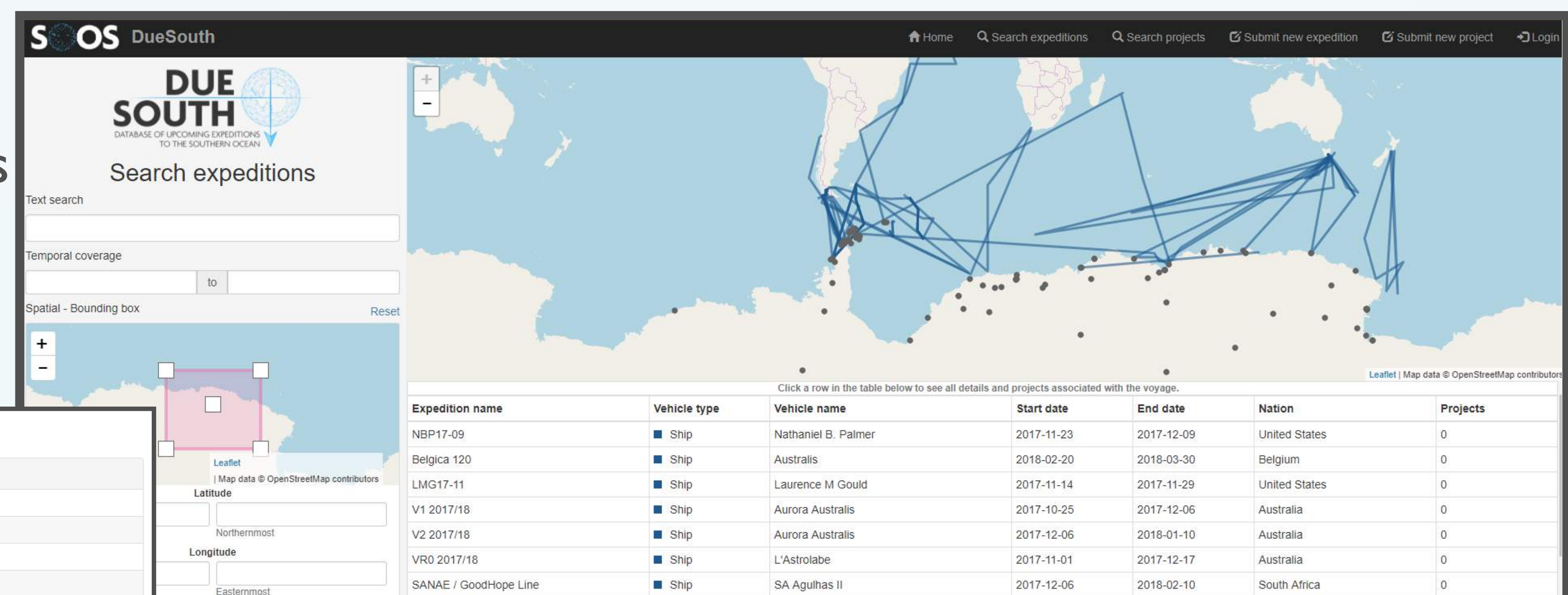
- Explore circumpolar datasets
- Plot recent observations
- Download datasets
- Explore spatial and temporal gaps in the observing system
- New layers coming



www.soos.aq/data/soosmap

DueSouth

- Share upcoming voyage plans
- Share upcoming research projects
- Find upcoming voyages
- Find potential collaborators



View expedition

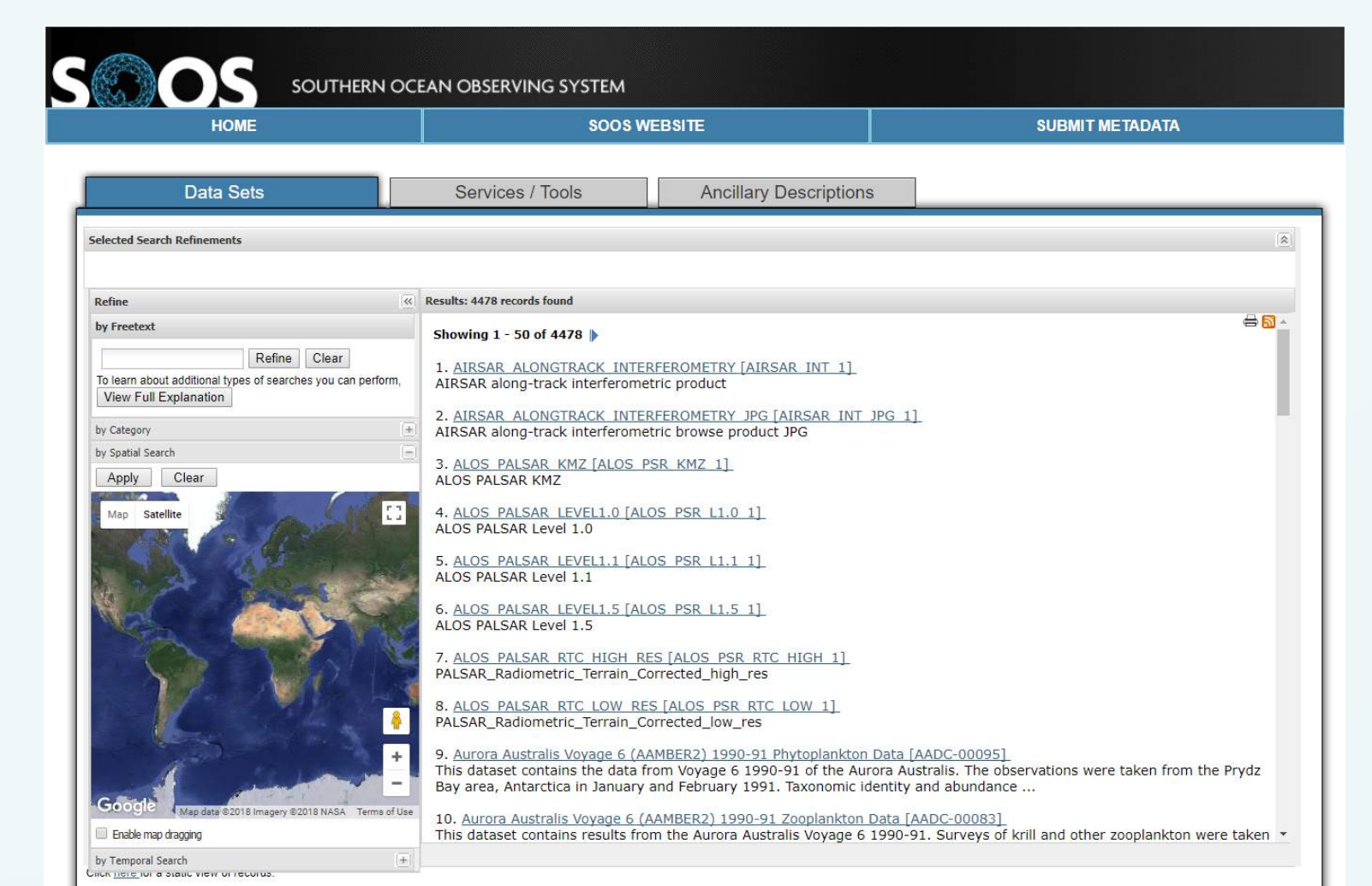
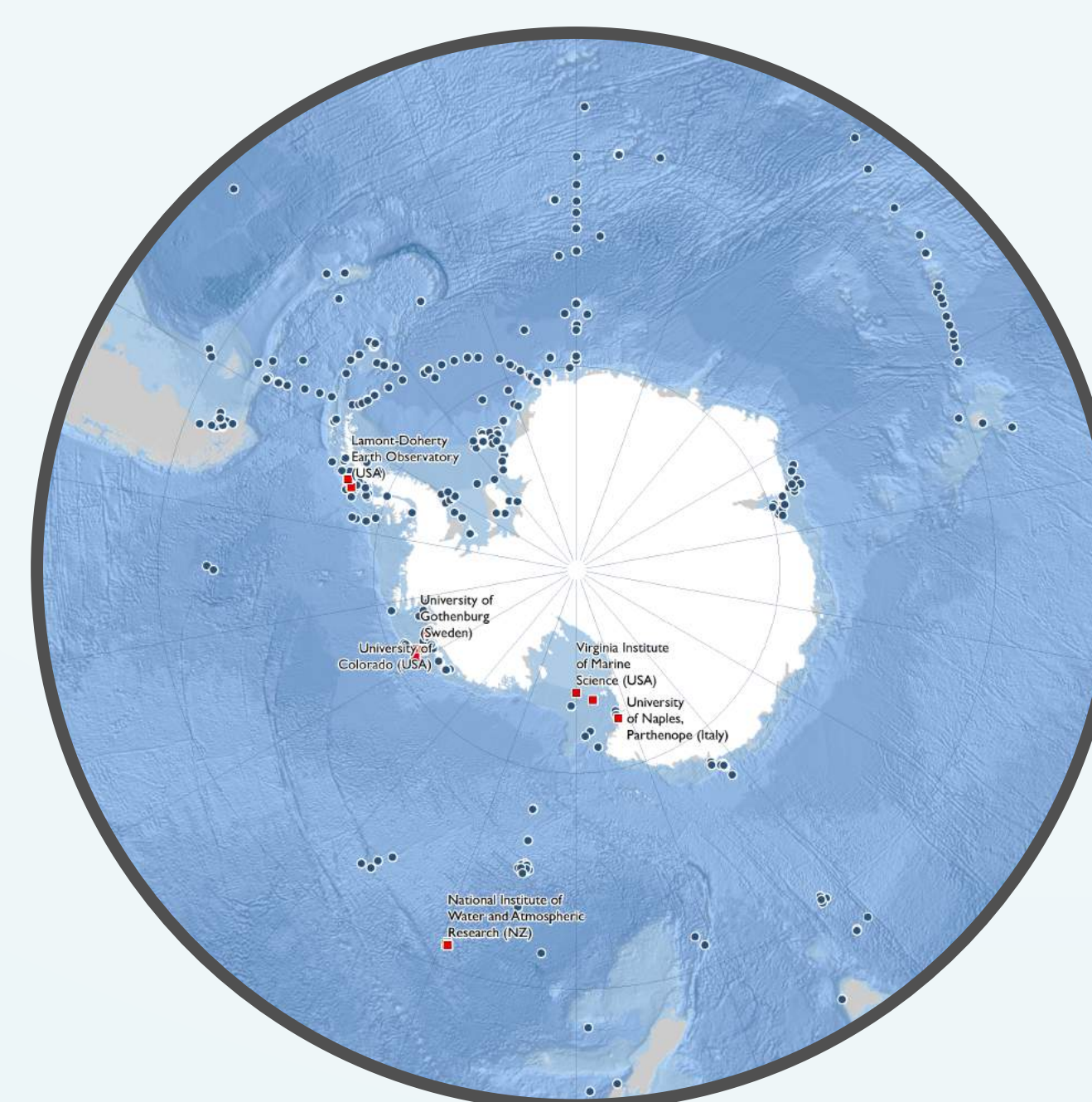
Expedition	
Expedition type	Not specified
Expedition name	Indian Southern Ocean Expedition
Nation	India
Start date	2017-12-10
End date	2018-02-09
Dates are approximate	Yes
Description	The 10th ISEO is a multi-disciplinary expedition that shall be carrying out atmospheric measurements, and collect data and samples for physical oceanography, biological oceanography, biogeochemistry, microbiology, and palaeoclimatology. Apart from these, it is also proposed to retrieve a sediment trap mooring deployed during 9th SOE, deploy new moorings at the same site and one at Prydz bay. The moorings shall give year round data for hydrography, biogeochemistry and particle flux.
Further information	For details, please visit http://www.ncaor.gov.in/files/SOE-14-18/SOE-10-Cruise%20proposal_website.pdf
Birth availability	Unknown
Ocean sector	Indian Sector
Expedition leader(s) / Chief scientist(s)	
Name	Ravichandran M
Email	mraiv@ncaor.gov.in

DUE SOUTH
DATABASE OF UPCOMING EXPEDITIONS
TO THE SOUTHERN OCEAN
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Other projects

- A GCMD portal to discover smaller Southern Ocean datasets
- Data rescue for Southern Ocean moorings
- Developing federated data search tools for polar regions

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gcmd.nasa.gov/portals/soos/