

Finding the data you need to support your Southern Ocean science

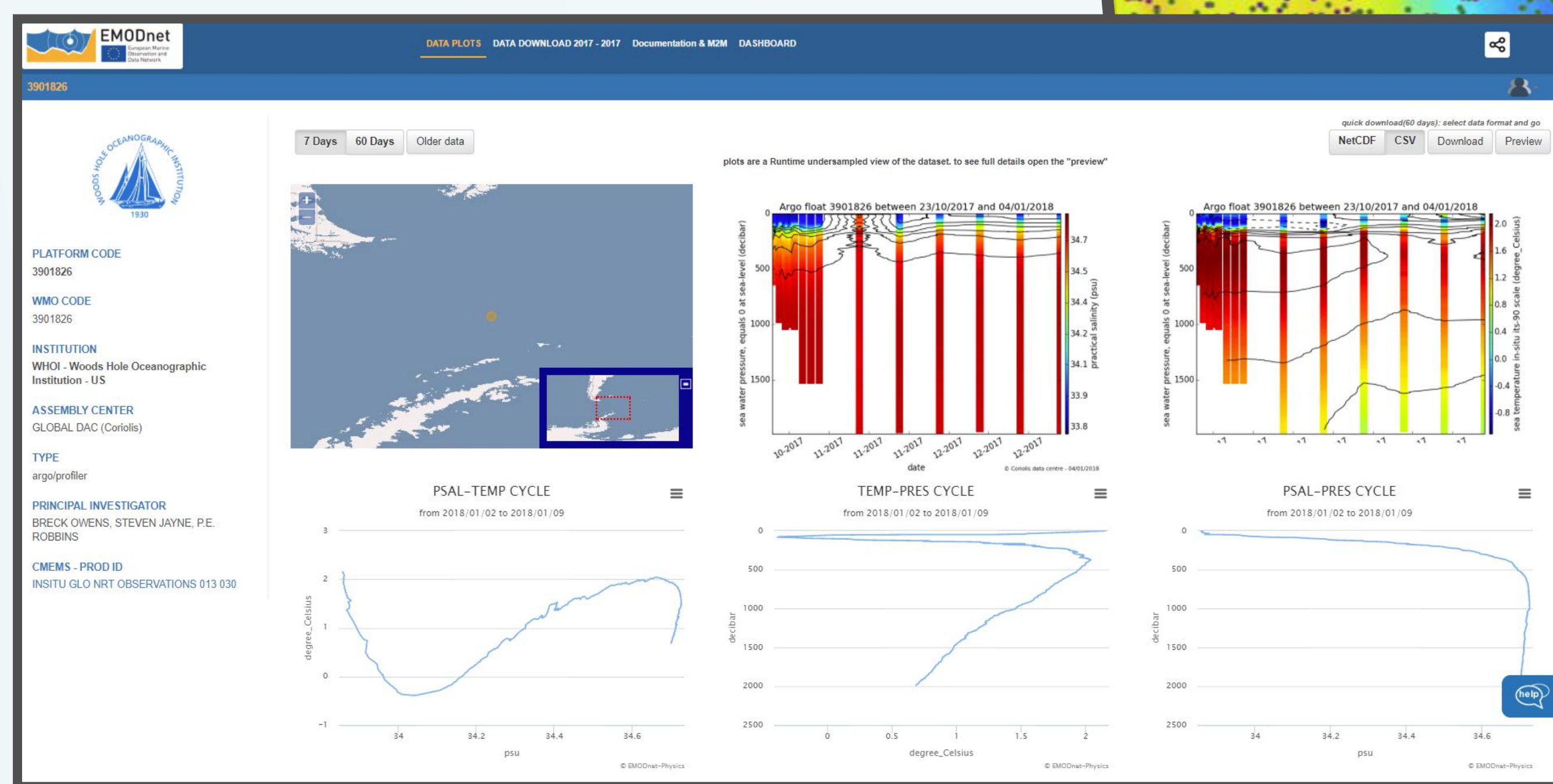
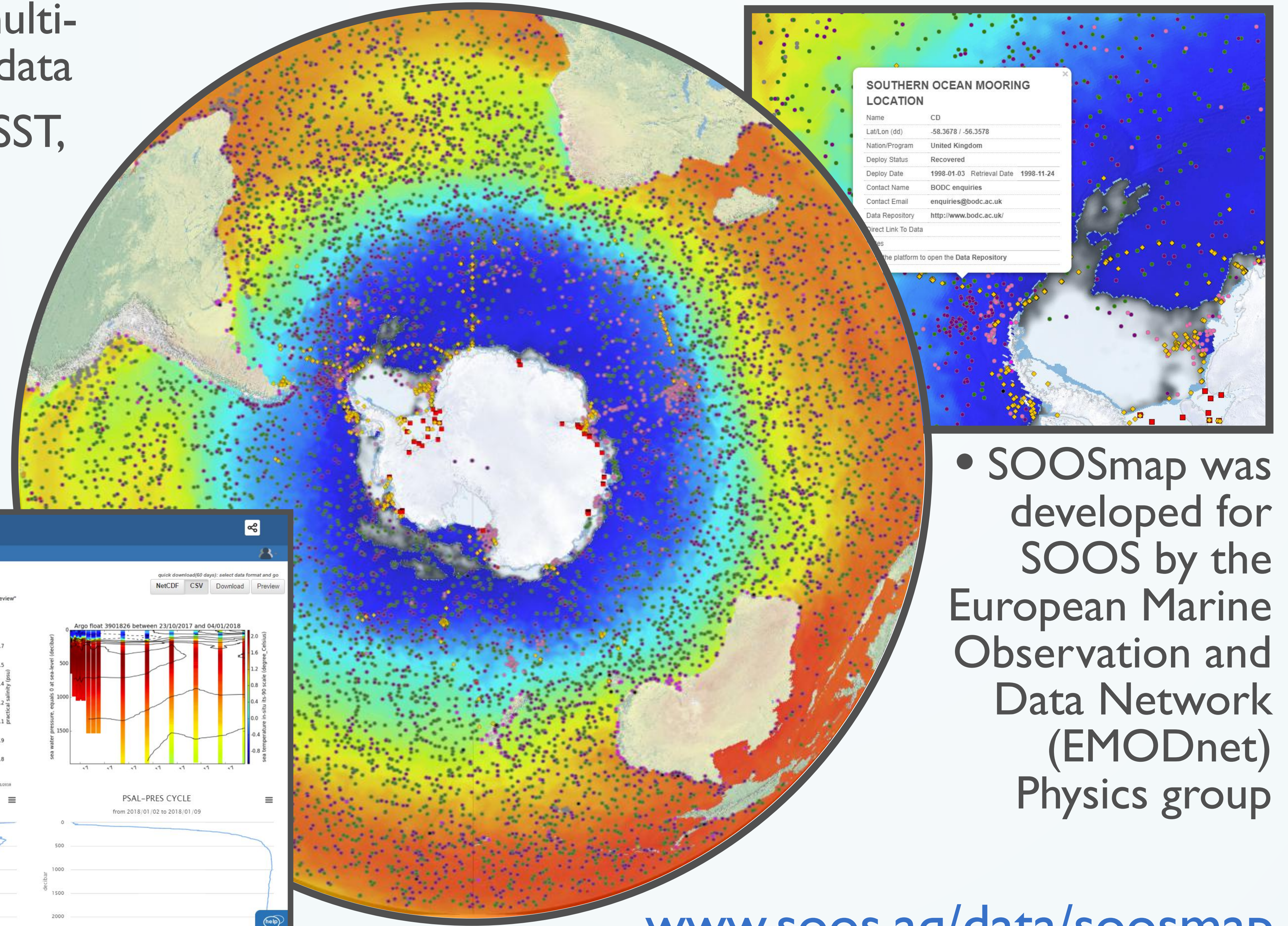
Jo Beja¹, Pip Bricher², Steve Diggs³, Mathieu Belbeoch⁴, Ken Casey⁵, James Cusick⁶, Bruno Danis⁷, Taco de Bruin⁸, Florence Fetterer⁹, Alex Kozyr⁵, Michael Morahan¹⁰, Benjamin Pfeil¹¹, Roger Proctor¹², Scott Ritz¹⁰, Stefanie Schumacher¹³, Petra Ten Hoopen¹⁴, Anton Van de Putte¹⁵, Li Zong Wu¹⁶, and Jie Zhang¹⁶

¹British Oceanographic Data Centre, UK; ²Southern Ocean Observing System, Australia; ³Clivar and Carbon Hydrographic Data Office; ⁴JCOMMOPS, France; ⁵NOAA National Centers for Environmental Information, USA; ⁶Australian Antarctic Division, Australia; ⁷Universite Libre de Bruxelles, Belgium; ⁸Royal Netherlands Institute for Sea Research, Netherlands; ⁹National Snow and Ice Data Center, USA; ¹⁰NASA Global Change Master Directory, USA; ¹¹University of Bergen, Norway; ¹²IMOS/AODN, Australia; ¹³Alfred Wegener Institute, Germany; ¹⁴British Antarctic Survey; ¹⁵Royal Belgian Institute for Natural Sciences, Belgium; ¹⁶Polar Research Institute of China, China

The Southern Ocean Observing System (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 spatial, temporal and multi-disciplinary ocean observation data
- Overlay on data products (e.g. SST, sea ice) and key geographic boundaries (e.g. CCAMLR)
- Discover circumpolar datasets
- Plot recent observations
- Download datasets
- New layers coming

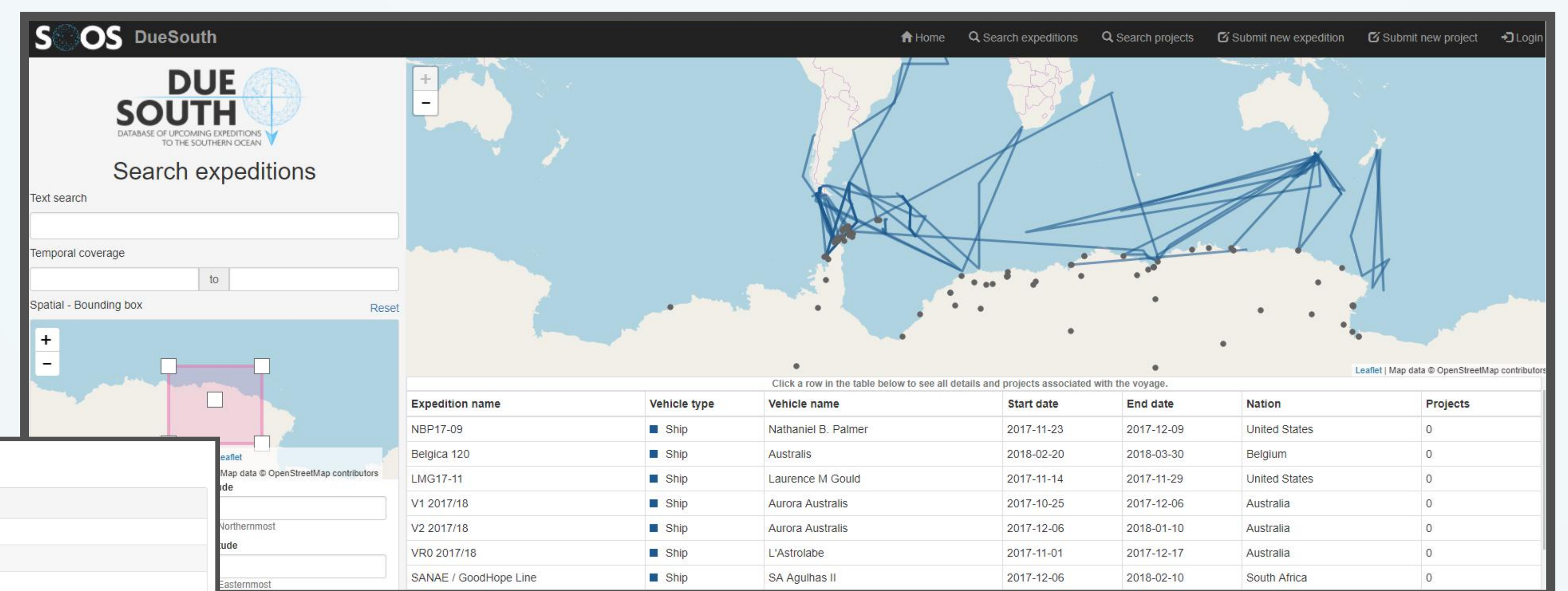


- SOOSmap was developed for SOOS by the European Marine Observation and Data Network (EMODnet) Physics group

www.soos.aq/data/soosmap

DueSouth

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



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 ISOC 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 paleoclimatology. Apart from these, it is also proposed to retrieve a sediment trap mooring deployed during 9th ISOC, 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.ncsar.gov.in/files/SOE-14-18/SOE-10-Cruise%20proposal_website.pdf
Berth availability	Unknown
Ocean sector	Indian Sector
Expedition leader(s) / Chief scientist(s)	
Name	Ravichandran M
Email	mravi@ncsar.gov.in

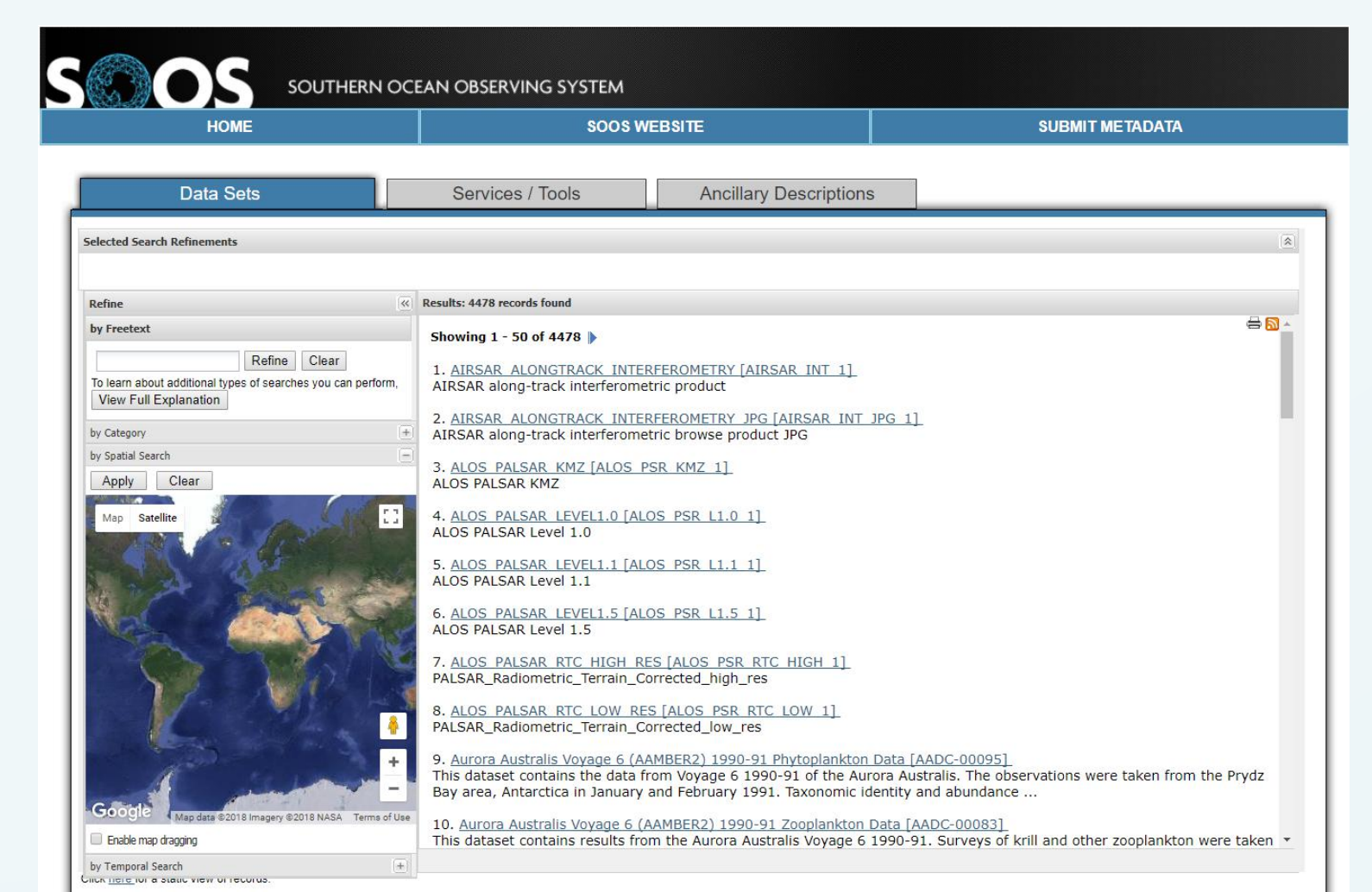
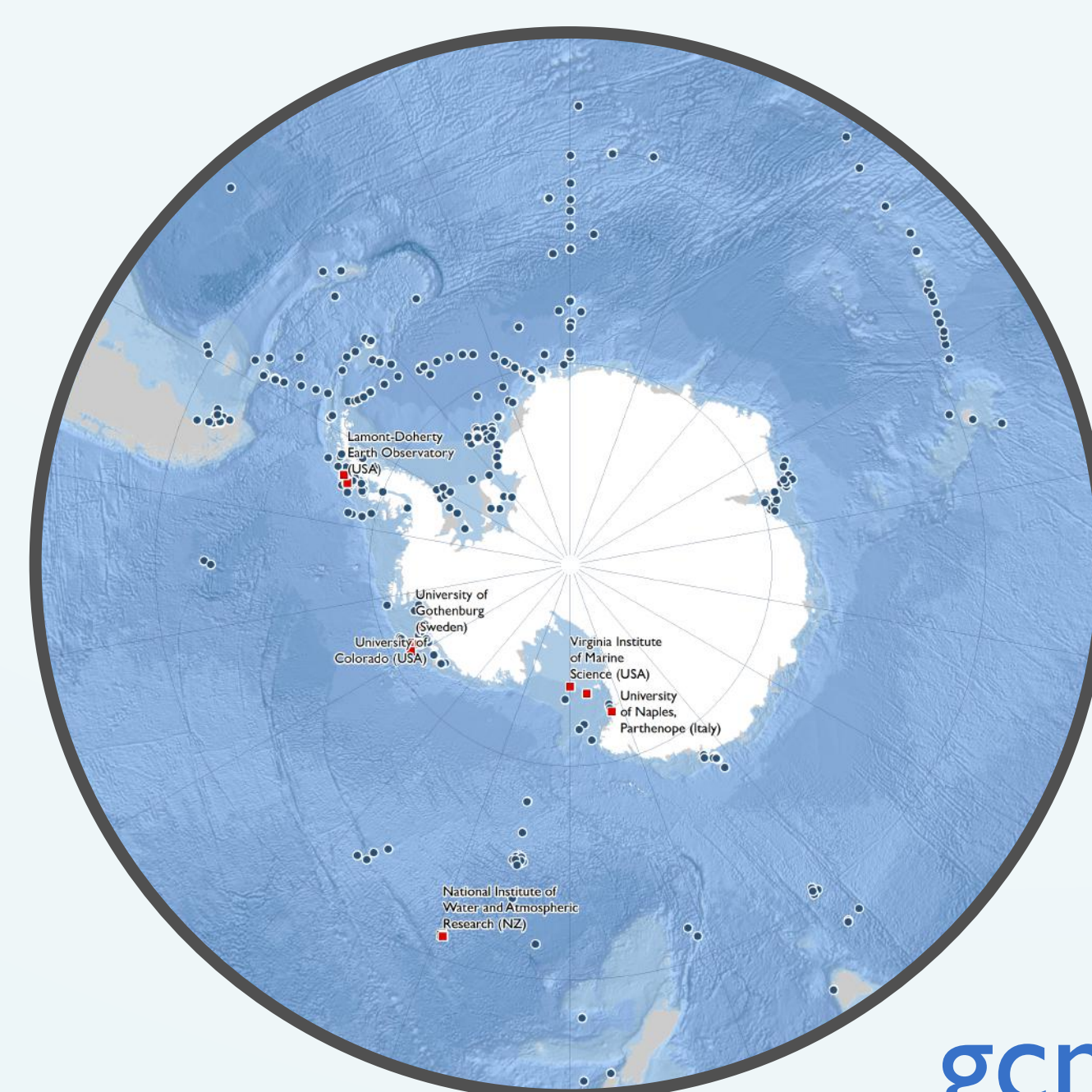
DUE SOUTH
DATABASE OF UPCOMING EXPEDITIONS TO THE SOUTHERN OCEAN
www.soos.aq/

- DueSouth was created for SOOS by the Australian Antarctic Data Centre

Other projects

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

www.soos.aq/



gcmd.nasa.gov/portals/soos/