

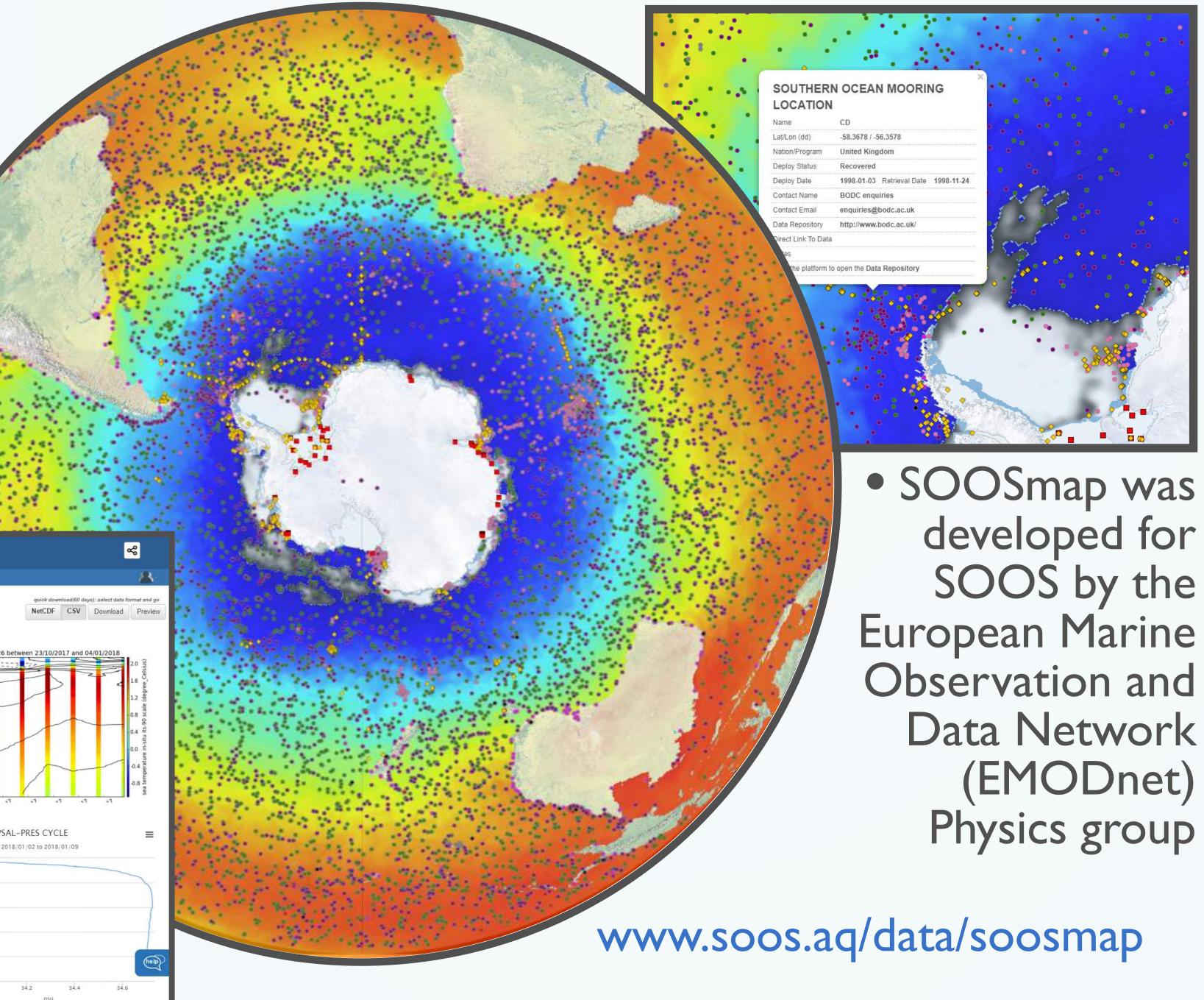
Finding the data you need to support your Southern Ocean science

Jo Beja', Pip Bricher', Steve Diggs', Mathieu Belbeoch', Ken Casey', James Cusick', Bruno Danis', Taco de Bruin', Florence Fetterer', Alex Kozyr',

Michael Morahan, Benjamin Pfeil, Roger Proctor, Scott Ritz, Stefanie Schumacher, Anton Van de Putte, Li Zong Wu, and Jie Zhang 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; ¹⁴biodiversity.aq, Belgium; ¹⁵Polar 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.

- Explore spatial, temporal and multidisciplinary ocean observation data
- Overlaid 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

EMODnet

PLATFORM COD 3901826

WMO CODE

NSTITUTION

nstitution - US ASSEMBLY CENTER GLOBAL DAC (Coriolis)

argo/profiler

PRINCIPAL INVESTIGATOR

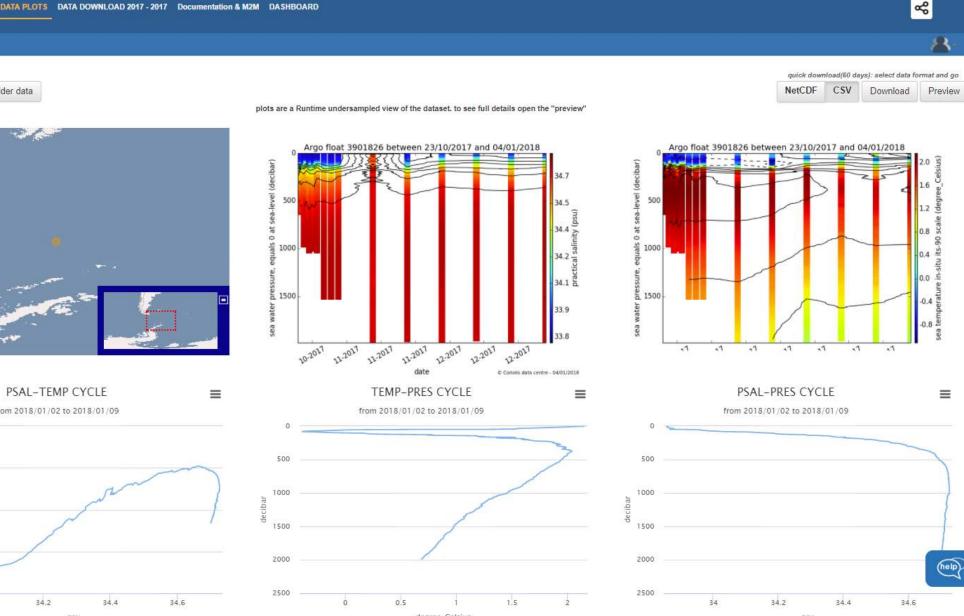
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BRECK OWENS, STEVEN JAYNE, P.E.

NSITU GLO NRT OBSERVATIONS 013 03

WHOI - Woods Hole Oceanographic

3901826



Discover upcoming voyages

PSAL-TEMP CYCLE

rom 2018/01/02 to 2018/01/09

SOS DueSouth 👷 Home 🔍 Search expeditions 🔍 Search projects 🗹 Submit new expedition 🗹 Submit new project 🕣 Log DUE

Australis

Laurence M Gould

Aurora Australis

Aurora Australis

L'Astrolabe

SA Agulhas II

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

South DATABASE OF UPCOMING EXPEDITIONS TO THE SOUTHERN OCEAN Search expeditions Text search			
Temporal coverage			
Spatial - Bounding box Reset			
			(
	Expedition name	Vehicle type	V
	NBP17-09	Ship	N

Belgica 120

LMG17-11

V1 2017/18

V2 2017/18

VR0 2017/18

SANAE / GoodHope Line



2018-03-30

2017-11-29

2017-12-06

2018-01-10

2017-12-17

2018-02-10

Belgium

United States

Australia

Australia

Australia

South Africa

2018-02-20

2017-11-14

2017-10-25

2017-12-06

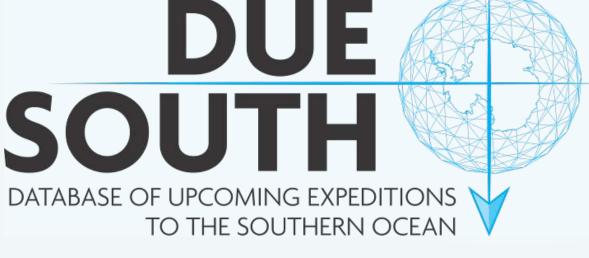
2017-11-01

2017-12-06

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 ISOE is a multi-disciplinary expedition that shall be carrying out atmospheric measurements, and collect data and samples for physical oceanography, biological oceanography, biological oceanography, biologeochemistry, 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, biogeochemisry and particle flux.	
Further information	For details, please visit http://www.ncaor.gov.in/files/SOE-14-18/SOE-10-Cruise%20proposal_website.pdf	
Berth availability	Unknown	
Ocean sector	Indian Sector	

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lap data © OpenStreetMap contributors



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www.soos.aq/

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

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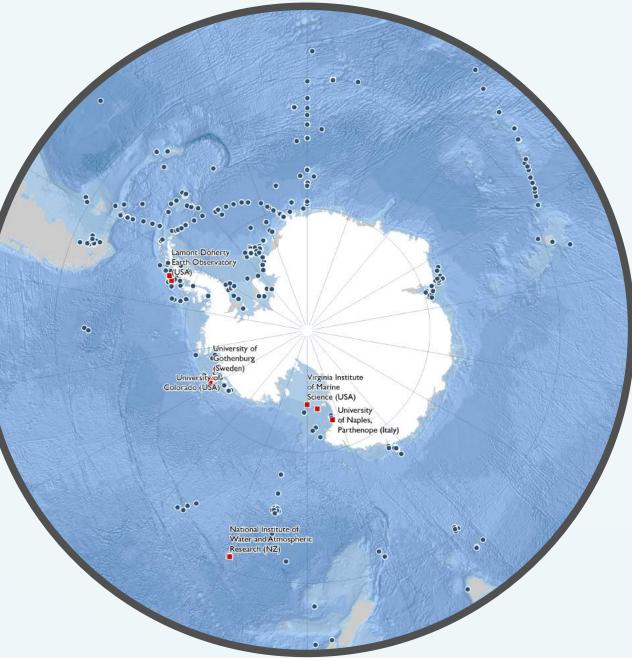
Expedition leader(s) / Chief scientist(s)

Name Ravichandran M

Email mravi@ncaor.gov.in



A GCMD portal to discover smaller



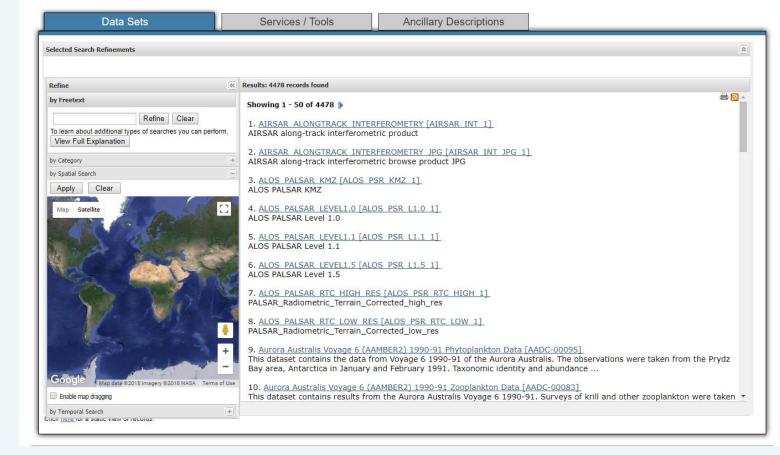




Southern Ocean datasets

- Data rescue for Southern Ocean moorings
- Developing federated data search tools for polar regions

WWW.SOOS.aq/



gcmd.nasa.gov/portals/soos/

& ANTARCTIC STUDIES







bservation and



Australian Government Department of the Environment

Australian Antarctic Division









GOTHENBURG