



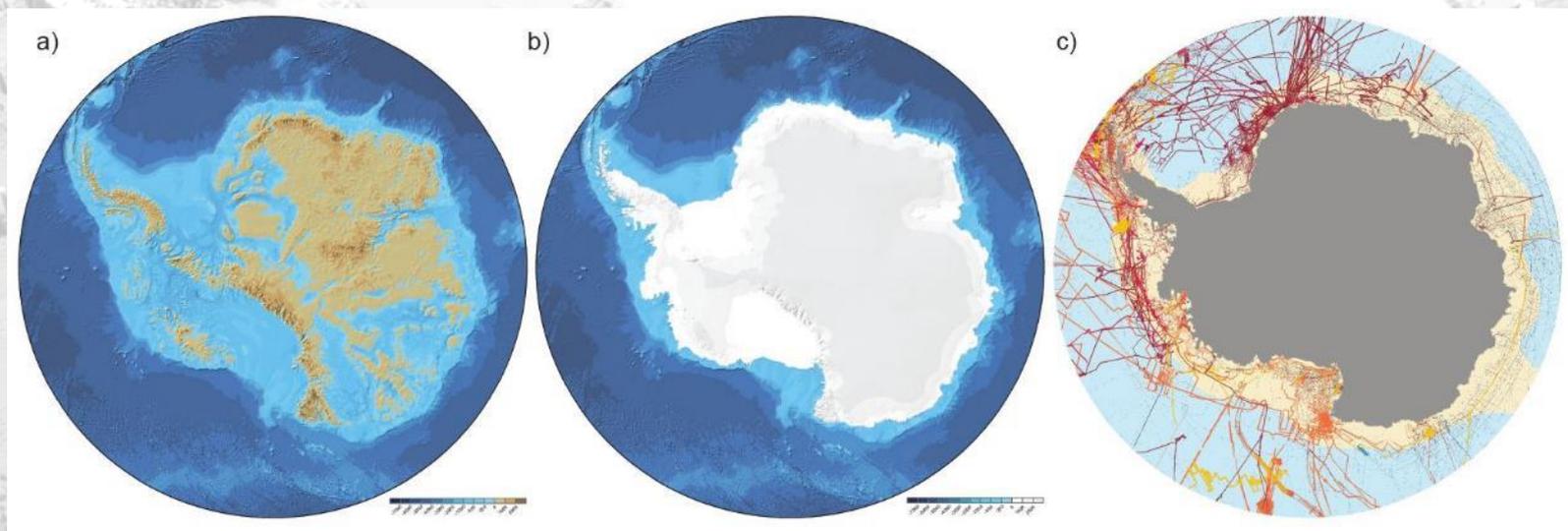
HCA15

Niterói, Brazil, 26 – 28 June 2018

International Bathymetric Chart of the
Southern Ocean
IBCSO

Past

- IBCSO V1 (since 2013)
 - Grid (ice surface, bed surface, source identifier)
 - Chart
 - Release Paper (Arndt et al., 2013)
 - 3D Lenticular Map



Past

Arctic Antarctic Mapping Meeting at IHO in Monaco, June 2016:

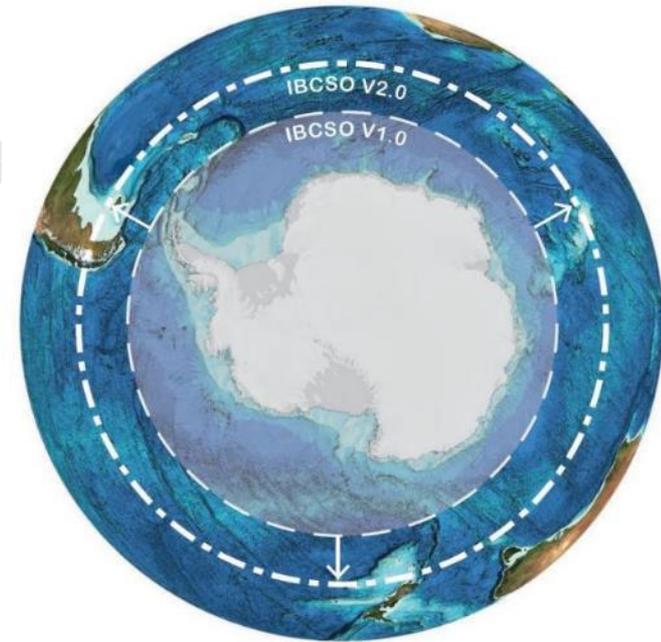
- Identification of available data sets (up to 50°S)



Present



- Plan to create an updated Version 2.0
- Extent should be enlarged to 50°S
 - 2.5 times the area as Version 1.0!
- Resolution should be kept at 500 m
- IBCSO now tied to Nippon Foundation – GEBCO Seabed 2030 Project



Backgroundimage: GEBCO_14 (Weatherall et al.,2015)





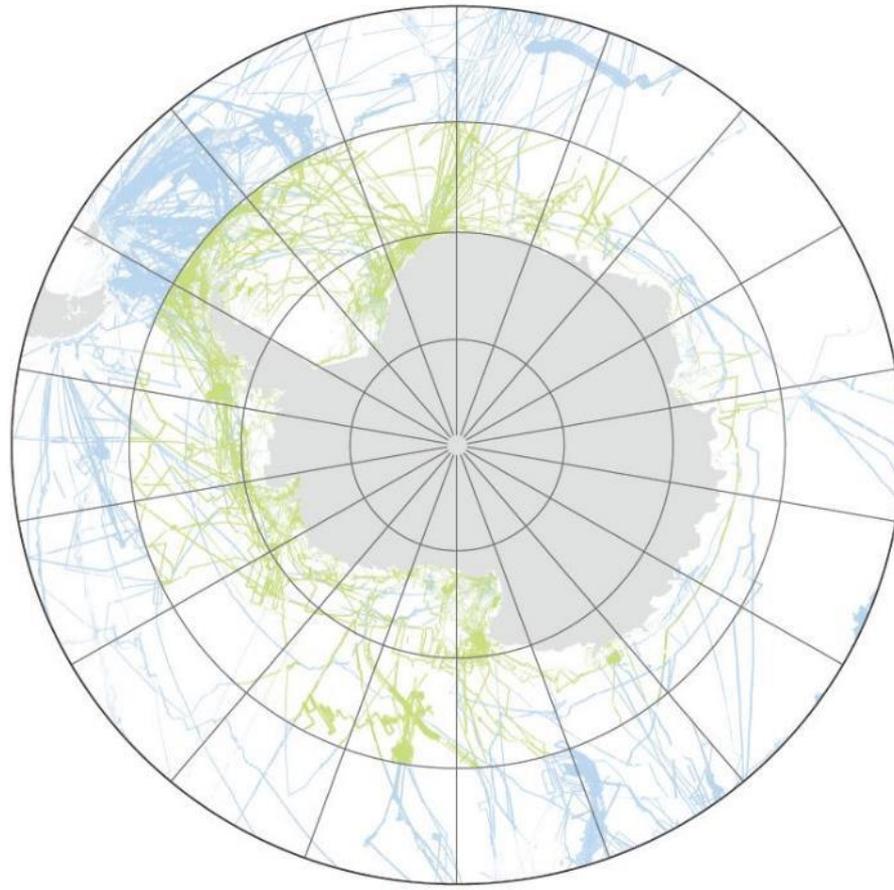
Next steps

Arctic-Antarctic and North Pacific Mapping Meeting at Stockholm University, 8.-10.10.2018

Main topics:

- Regional Mapping Boards Arctic Ocean, North Pacific Ocean and Southern Ocean.
- Identification of new bathymetric data sources
- Coordination of upcoming mapping expeditions

Existing multibeam data coverage



If you would like to contribute data to IBCSO, please contact Boris.Dorschel@awi.de