### Nippon Foundation – GEBCO – Seabed 2030

First Arctic, Antarctic & North Pacific Mapping Meeting October 8–10 | Stockholm 2018

# Recently acquired and forthcoming data

# Michele Rebesco OGS, Italy















## **OGS**

is an internationally-oriented public research institute funded and monitored by the Italian Ministry of Education and Research

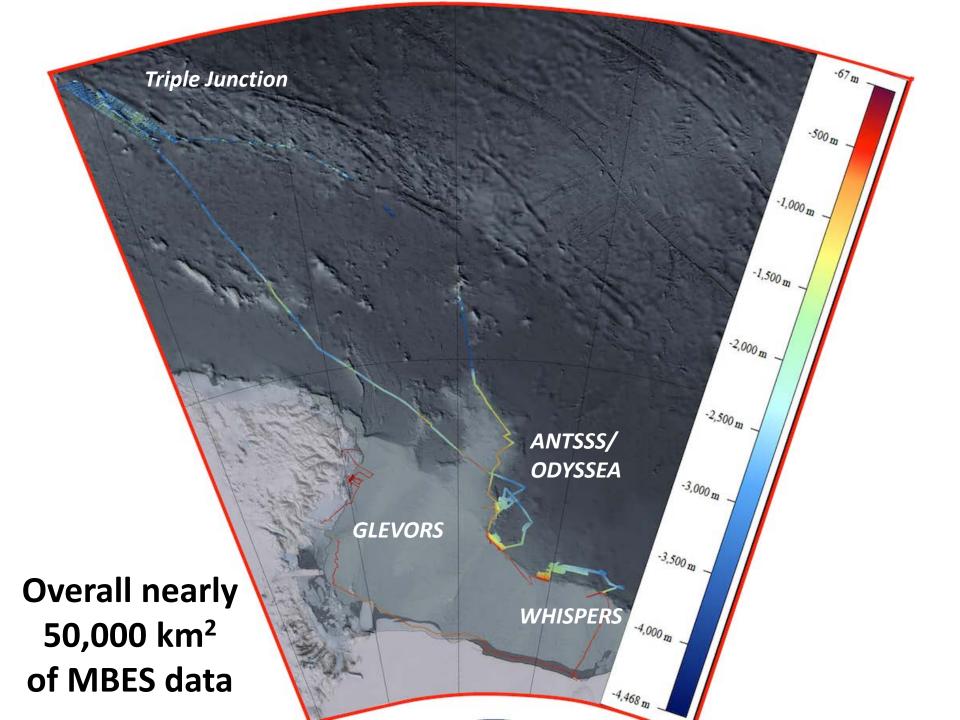
Its roots date back to the School of Astronomy and Navigation founded in Trieste by empress Maria Theresa of Austria in 1753

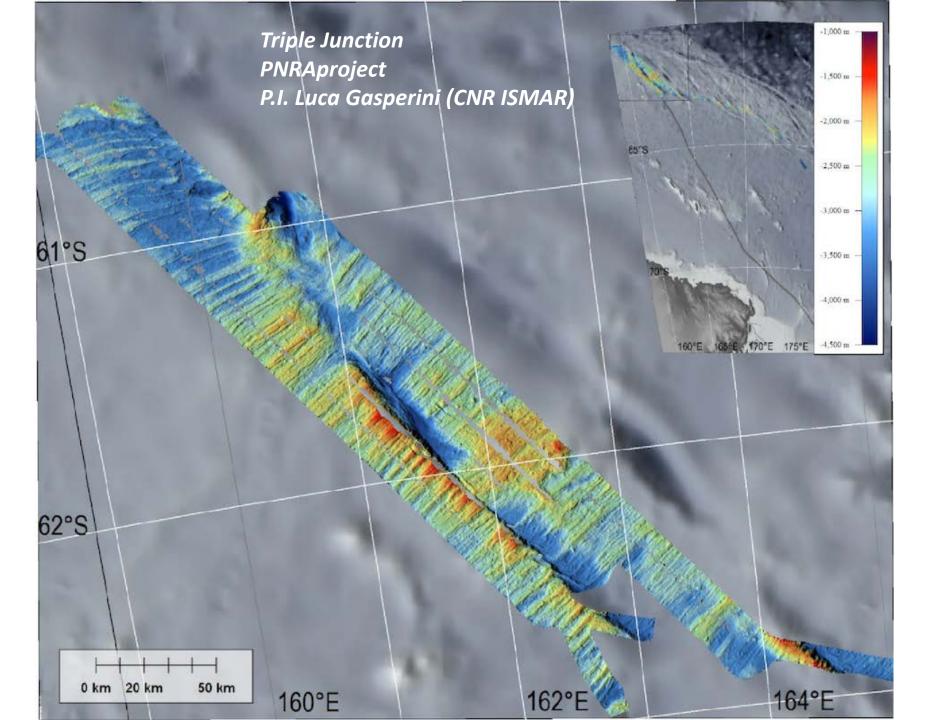


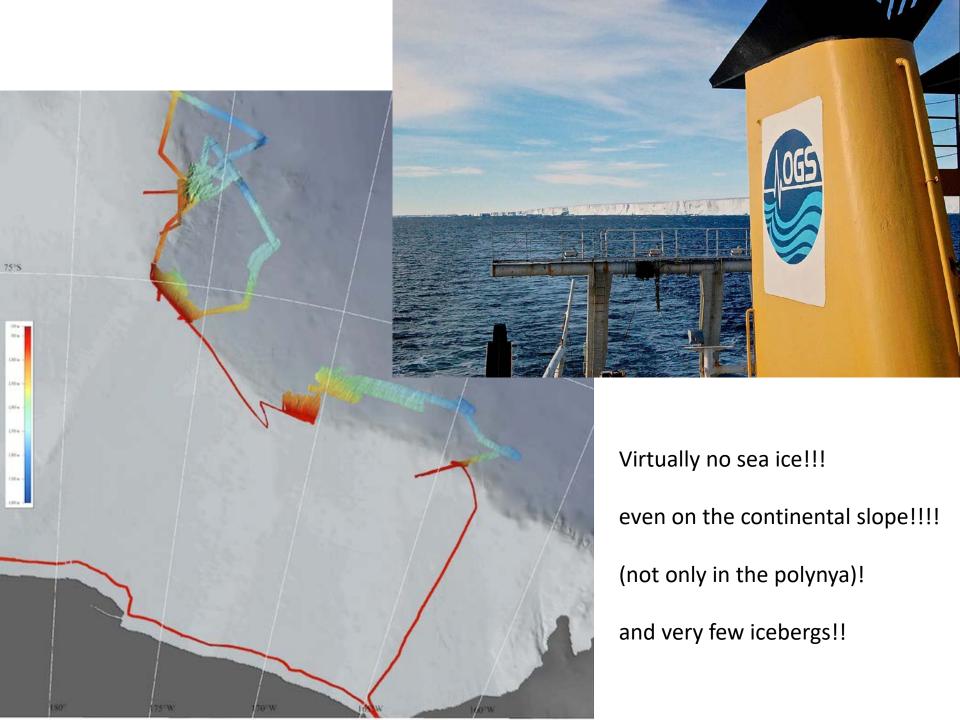


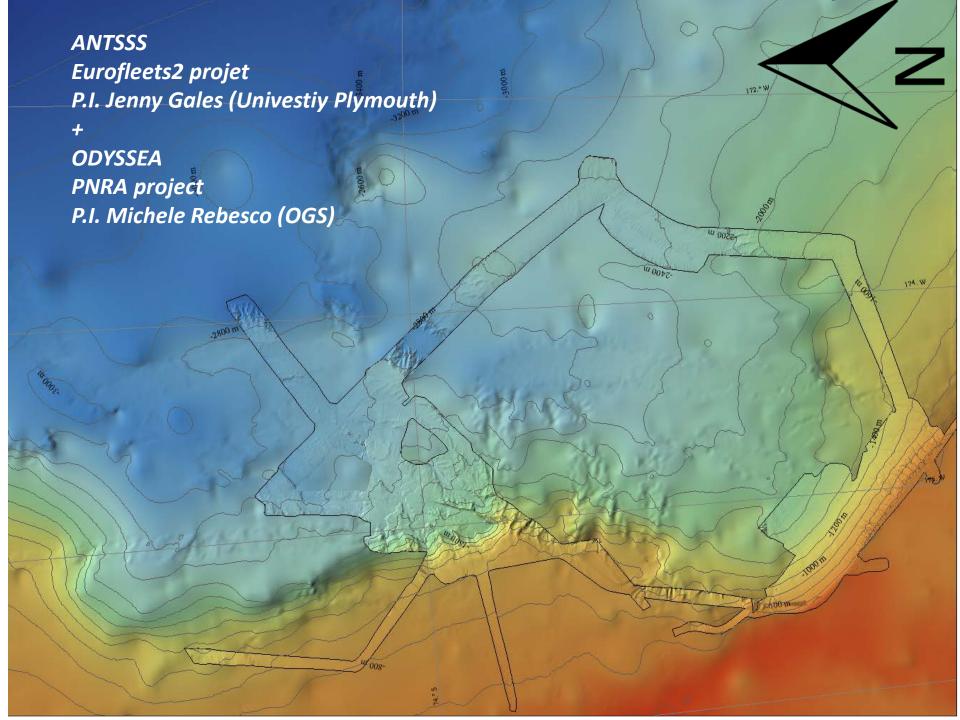
# **Antarctic** mapping

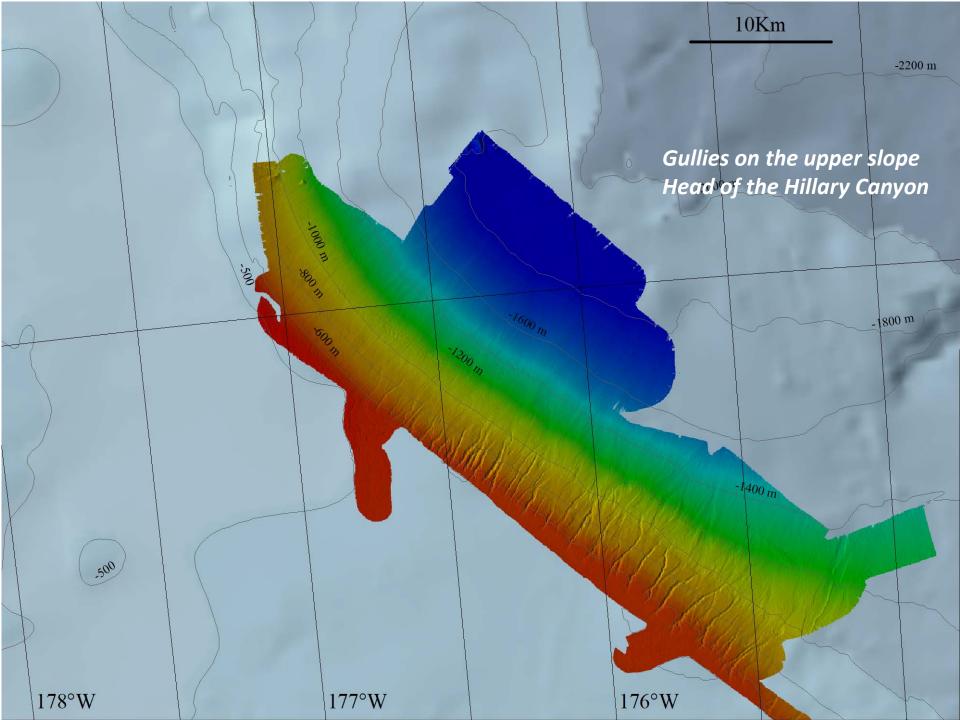
OGS
Explora
2017
Antarctic
cruise



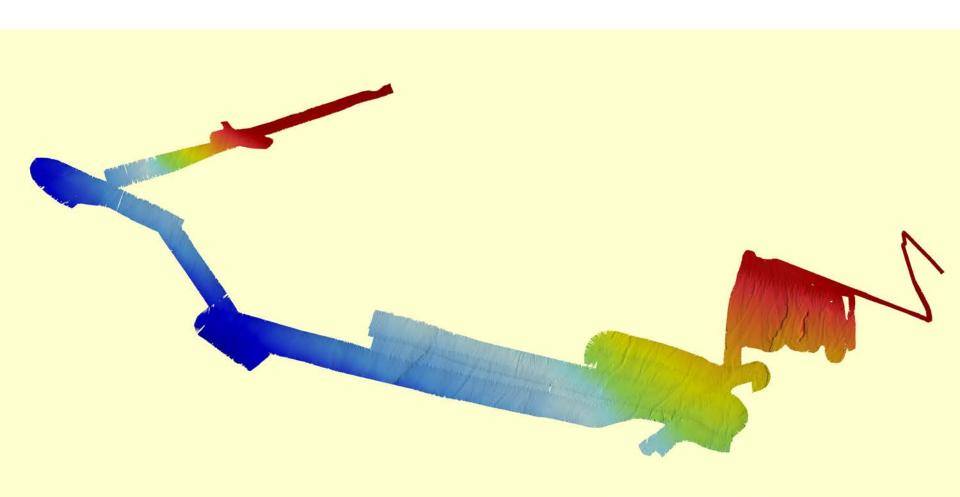


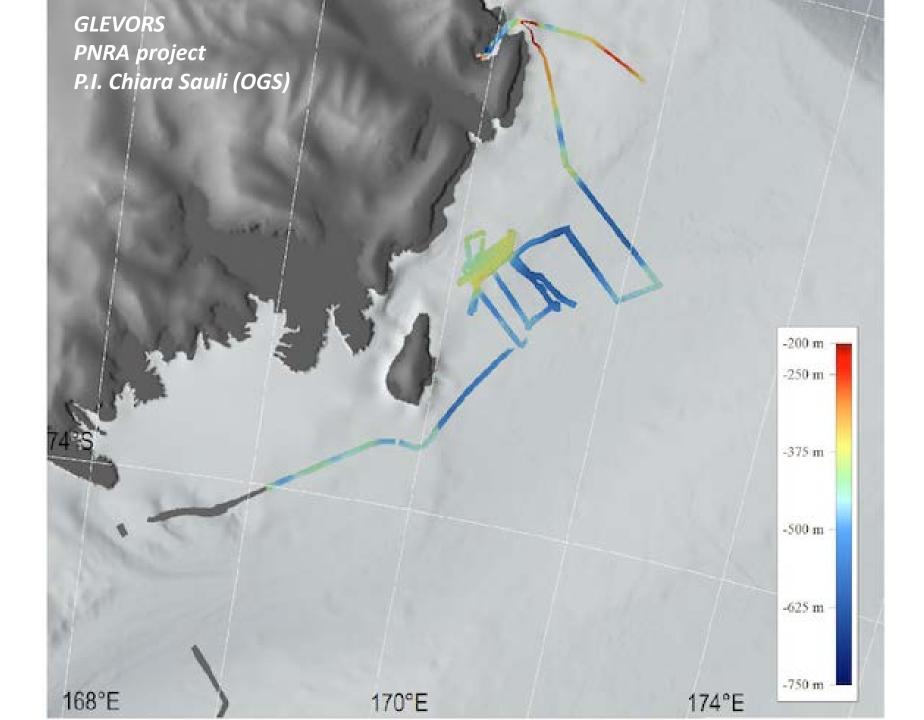






WHISPERS
PNRA project
P.I. Laura De Santis (OGS)





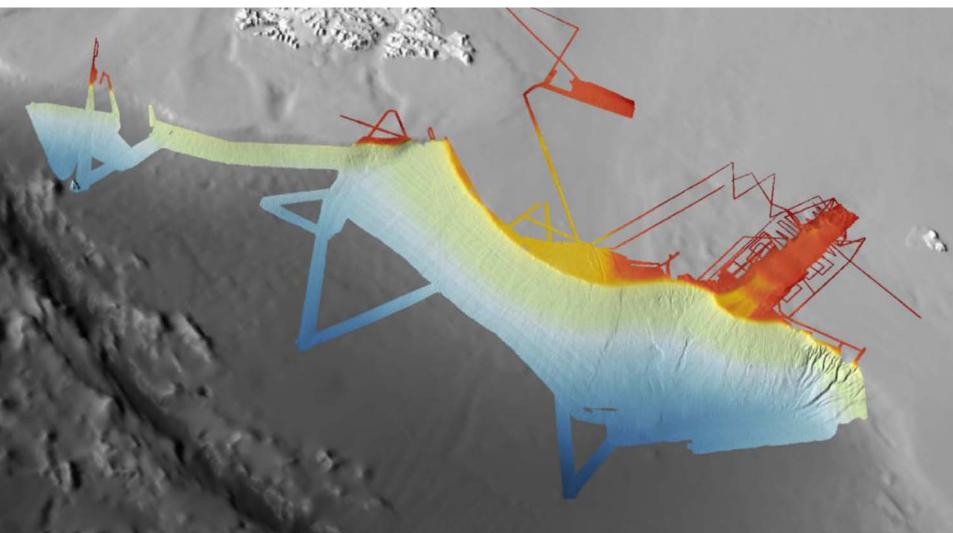
#### IBCAO: Data altready contributed (Several cruises):

SVAIS (Hesperides, PI Angelo Camerlenghi, Uni Barcelona) CORIBAR (Merian, PI, Till Hanebuth, Uni Bremen) EDIPO (OGS Explora, PI Andrea Caburlotto, OGS) DEGLABAR (OGS Explora, PI José Luis Casamor, Uni Barcelona)

EGLACOM (OGS Explora, PI Michele Rebesco, OGS)
PREPARED (G.O.Sars, PI Renata Lucchi, OGS)
BURSTER (Polarstern, PI Renata Lucchi, OGS)

+ fostering the contribution of other international datasets (GlaciBar, Tromsø; Panorama, GEOMAR; HighNorth17, It. Hydrographic I.; ...)

#### Overall over 20,000 km<sup>2</sup>



### forthcoming data ...or, better, future developments:

- 1) Forthcoming HighNorth cruises leaded by Italian Hydrographic Institute)
- 2) Beside the well-established Italian Antarctic program, now from this year Italy is starting a National Arctic Program;
- 3) OGS got governamental funding fpr acquiring a high ice-class vessel/icebreaker for polar marine research and supply of the Antarctic base;
- 4) Plan for building a new hydrographic vessel for the Italian Navy (NIOM) in support of the Italian research community, also in remote (Arctic) areas;
- 5) ARICE (Arctic Research Icebreaker Consortium) EU H2020 project to provide shared access to 6 icebreakers. I personally submitted with other coproponents here one proposal for surveying the Alaskan margin (Beaufort Sea);
- 6) My colleague Renata Lucchi got a part-time professorship postion at university of Tromsø = further OGS involvement in the Arctic...

# Thanks for your attention



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http://www.ogs.trieste.it/en

