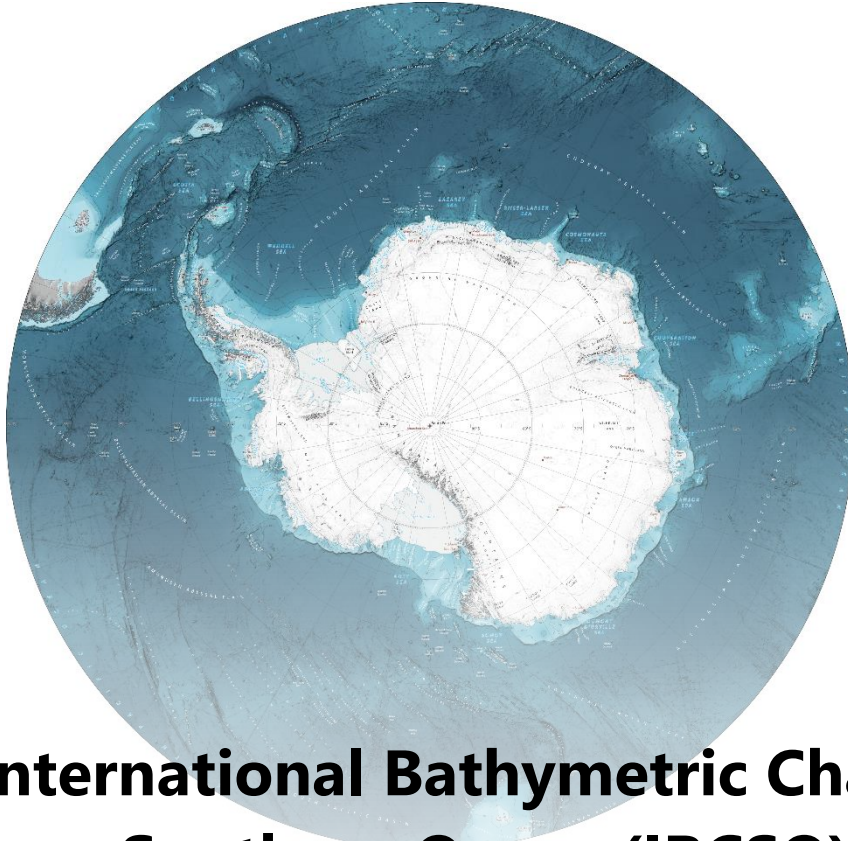


# Te Kura Kairūri School of Surveying Lunchtime Seminar Series



## The International Bathymetric Chart of the Southern Ocean (IBCSO)

**Fynn Warnke**, University of Auckland, New Zealand & Alfred Wegener Institute (AWI),  
Helmholtz Centre for Polar and Marine Research, Bremerhaven, Germany

The International Bathymetric Chart of the Southern Ocean (IBCSO) has represented the most comprehensive bathymetry compilation for the Southern Ocean south of 60°S. Recently, the IBCSO Project has combined its efforts with the Nippon Foundation – GEBCO Seabed 2030 Project, supporting the goal of mapping the world's oceans by 2030. New datasets initiated a second version of IBCSO (IBCSO v2). This version extends to 50°S, including the gateways of the Antarctic Circumpolar Current (ACC), the most significant ocean current on Earth, and the Antarctic Circumpolar frontal systems. Due to increased (multibeam) data coverage, IBCSO v2 significantly improves the overall representation of the Southern Ocean seafloor and resolves many submarine landforms in so far unseen detail.



**Thursday 20<sup>th</sup> March 2025 (12pm – 1pm)**

L1 Lecture Theatre | School of Surveying, 310 Castle Street  
OR Join remotely: <https://otago.zoom.us/> (ID: 979 1434 6880, P/W: 310310)