

Expressions of Interest for Contributors to the Development of an Ocean Acidification Collaborative Hub for the Southern Ocean

Southern Ocean waters are among the most vulnerable to ocean acidification, yet much of its observations are collected regionally by national programs, leading to patchy observation coverage which lacks circumpolar integration. The Global Ocean Acidification Observing Network (GOA-ON) and the Southern Ocean Observing System (SOOS) are seeking participants to develop a Southern Ocean collaborative hub on ocean acidification.

The hub will provide transdisciplinary expertise to coordinate research activities on ocean acidification, its drivers and biological responses from local to regional scales, and to communicate research outcomes. The effort will also provide a mechanism to identify and prioritise emerging observational needs including identifying the combined role of ocean acidification with other stressors (e.g. warming, sea-ice extent, fishing pressure) in influencing the Southern Ocean biology.

The initial effort will be supported as a SOOS task team to identify the core aims and opportunities to coordinate international programs with the aim of transitioning to a joint SOOS and GOA-ON collaborative hub. Expressions of interest are requested for team participation across observations, biological impacts, modelling, data management and development of products.

Please submit expressions of interest for involvement through [this form](#) by 18th March.

For specific questions on this group and the positions, please contact Alyce Hancock (hancock@soos.aq).

GOA-ON is a collaborative international network to detect and understand drivers of ocean acidification with specific goals to:

1. *Improve our understanding of global ocean acidification conditions*
2. *Improve our understanding of ecosystem response to ocean acidification*
3. *Acquire and exchange data and knowledge necessary to optimize modelling for ocean acidification and its impacts*

SOOS also a collaboration international network which facilitates and enhances the collection and delivery of sustained observations of the Southern Ocean by:

1. *Aligning, advocating, and supporting scientific and observational priorities*
2. *Enhancing collaboration and observational capabilities*
3. *Ensuring the management and delivery of observational data*
4. *Sharing knowledge*

