

IACS-IAPSO Joint Commission on Ice-Ocean Interactions

Following the IUGG meeting in Montreal in July 2019, IACS and IAPSO decided to set up the Joint Commission on Ice-Ocean Interactions (JCIOI) in recognition of the need for glaciologist and ocean scientist to interact and collaborate on this topic. JCIOI was formally established in January 2021 and is co-chaired by Isabel Nias (University of Liverpool, UK) and Felicity McCormack (Monash University, Australia).

The aim of JCIOI is to address knowledge gaps in ice-ocean interactions by globally coordinating and engaging in research and development related to understanding, observing and modelling ice-ocean interactions. This will include research under ice shelves, at the ice-ocean front in tidewater glaciers, and at the sea surface in the marginal ice zone.

Initial activities that have taken place in 2021 include:

- Establishing the JCIOI Terms of Reference.
- Populating the steering committee of core members.
- An initial online meeting with steering committee to discuss and establish overall scope, core goals and proposed activities (July 2021).
- Planning for future meetings to take place regularly online (i.e., monthly).

Proposed activities include publishing white papers, review articles and special issues on the topic of ice-ocean interactions, and facilitating workshops and collaborations for scientists working on specific problems and sub-topics.