

UNITED NATIONS CLIMATE CHANGE CONFERENCE OF PARTIES (COP28) Dec 23

[COP 28 UN Climate Change Conference](#) took place at the Expo City, Dubai, UAE, from 30 November until 12 December 2023.

At COP 28, the Cryosphere Pavilion of the International Cryosphere Climate Initiative was a unique effort between governments, academic institutions and civil society focused on the “snow and ice” regions of the world, and the cryosphere dynamics that motivate towards 1.5°C levels of ambition. The Cryosphere Pavilion hosted daily focal events. The event on 06 December 2023 was dedicated to sea ice, with the only Antarctic sea-ice event hosted by Will Hobbs (AAPP), Petra Heil (AAD & AAPP), Marilyn Raphael (UCLA), Stefanie Arndt (AWI), Ruzica Dadic (SLF), Won Sang Lee (KOPRI) [all ASPeCt] and Sian Henley (Uni Edinburgh) [BEPSII]).

The session provided an update on the most recent events observed for the Southern Ocean sea-ice zone and an outlook of future impacts: "In February 2023 Antarctic sea ice recorded its lowest ever area since sustained satellite records began, the second such record in as many summers. Since then, the research community has been alarmed by a winter cover so low that it changes our understanding of Antarctic sea ice variability."

This was an expert briefing on the global climate and ecosystem implications of Antarctic sea ice, framing 2023 in comparison to 1.5°C and 2°C projections." The recording of the Antarctic sea-ice session was one of the most watched COP 28 events on YouTube.

.

[Click here](#) to watch the presentation.