

OCEAN:ICE News - August 2023



OCEAN:ICE is a Horizon Europe project, funded by the European Commission and UKRI. OCEAN:ICE stands for Ocean-Cryosphere Exchanges in Antarctica: Impacts on Climate and the Earth System.

OCEAN:ICE News is a monthly newsletter updating about the project's progress, results, and other exciting events! Be sure to follow us on LinkedIn to stay informed.

Happy Summer!

Greetings, OCEAN:ICE friends!

We are still in the middle of the summer break but we're here to keep you in the loop with all things OCEAN:ICE with our August edition of the OCEAN:ICE newsletter! Catch up on our breakout discussion session at the IUGG conference, discover upcoming events, sip on some Climate Coffee, and seize the opportunity to join the Southern Ocean Summer School as an early-career scientist in beautiful Corsica. Enjoy this month's happenings and we'll see you in September with more exciting updates!

OCEAN:ICE Breakout Session at IUGG Berlin 2023

OCEAN:ICE team has organised a breakout session '**OCEAN:ICE interactions - Ice sheet impacts on ocean circulation and climate feedbacks**' as part of the International Union of Geodesy and Geophysics (IUGG) conference in July 2023.



The discussion during the session revolved around the following issues:

1. Why does the Southern Ocean matter in the global climate system?
2. What are the implications of Southern Ocean changes on ice sheet melt rates and potential instability?
3. What is the role of the Southern Ocean in the carbon cycle?
4. What are the challenges for our community?

You may find the full report on the breakout discussion session including the answers to the questions above, discussion points, and conclusions [here](#). We will pick up some of the contents of this report for the OCEAN:ICE annual meeting and joint conference with SO-CHIC in October 2023.

Happening this Month

Will you be at [#SOOSSymposium2023](#)? Catch us on Thursday, 17 August (12:30-16:00 AEST) in Hobart, for our [session](#) titled “Circumpolar Antarctic Ice Sheet-Ocean Observations: Towards an Integrated View and Improved Climate Models”.



OCEAN:ICE will be busy at the [#SOOSSymposium2023](#), as the aforementioned session is not the only activity that we are going to be part of. [Andrew Meijers](#) will be giving an invited plenary presentation on observing the Southern Ocean and [Markus Janout](#), [Pierre Detrieux](#) and [Povl Abrahamsen](#) will be delivering several talks and workshops.

Find more information about OCEAN:ICE at SOOS Symposium 2023 on the OCEAN:ICE [website](#).

Meet the OCEAN:ICE Teams at these Upcoming Events

Mark your calendars and come meet us at these upcoming events!

📅 **11 – 14 September 2023** – OCEAN:ICE at the SCAR INSTANT Conference, Trieste, [find out more](#)

📅 **3 – 5 October 2023** – OCEAN:ICE at the 10th EuroGOOS International Conference, Galway, [find out more](#)

📅 **9 – 13 October 2023** – Ocean Practices: OBPS Workshop VII, online, [find out more](#)

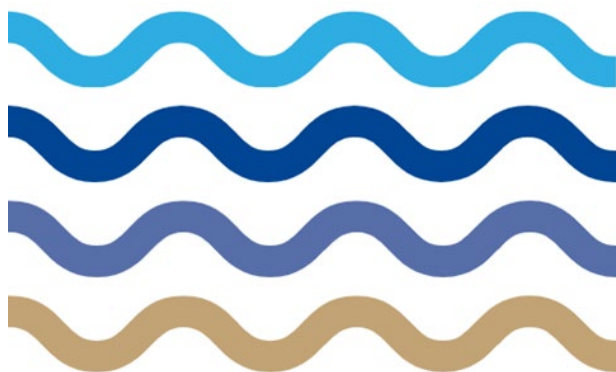
📅 **23 – 26 October 2023** – Joint conference OCEAN:ICE and SO-CHIC, combined with the annual meeting of SO-CHIC and the annual meeting of OCEAN:ICE, Paris and online, [find out more](#)

For a complete overview, just visit our [website](#) and check out our events' [calendar](#)!

Do you know of any exciting events that OCEAN:ICE should be a part of? Shoot us a mail at oceanice.eu@gmail.com.

Climate Coffee

As you may have already heard, OCEAN:ICE is relaunching the [Climate Coffee](#) series in collaboration with the [Danish Meteorological Institute](#) and the [European Climate Research Alliance](#) this fall!



The Climate Coffee is an online series that invites colleagues from across the climate science community to take their coffee break together and share ideas, discuss methods and communicate new results in a relaxed setting. We have an exciting line-up for the rest of 2023 - check it out:

Climate Coffee

📅 **21 September 2023**, online at 10:00am CEST – Climate Coffee with [Romain Millan \(CNRS\)](#) on Monitoring ice shelf vulnerability at both poles from multiple sensor remote sensing data. Register for the event [here](#).

📅 **16 November 2023**, online at 10:00am CEST – Climate Coffee with [Mark Payne \(DMI\)](#) on An experiment in Climate Service portability: implementing a Danish Climate Atlas in Ghana. Register for the event [here](#).

📅 **7 December 2023**, online at 10:00am CEST - Climate Coffee with [Shenjie Zhou \(BAS\)](#) on [Slowdown of Antarctic Bottom Water export driven by climatic wind and sea-ice changes](#). Register for the event [here](#).

📅 **14 December 2023**, online at 10:00am CEST - Climate Coffee with Kathryn Gunn (University of Southampton) on [Recent reduced abyssal overturning and ventilation in the Australian Antarctic Basin](#). Register for the event [here](#).

Are you interested in holding a Climate Coffee in 2024?

Reach out to Chiara chb@dmi.dk or Erika erh@dmi.dk!

Opportunity for Early-Career Scientists

Don't forget to apply for the Southern Ocean Summer School!



APPLICATIONS ARE OPEN!

**The Southern Ocean
Summer School 2024**

7 - 18 May 2024

Institut d'Études Scientifiques de Cargèse
Corsica, France

Apply by 31 October 2023

Spend your summer in beautiful Corsica in May 2024 at the Southern Ocean Summer School. The program is open to early-career scientists / early-stage researchers interested in Southern Ocean sciences.

Read more about the program and apply [here](#) by 31 October 2023!

Knowledge Hub

As you might be aware, OCEAN:ICE has recently launched its [Knowledge Hub](#)!



Broaden your knowledge about OCEAN:ICE and stay informed with the latest valuable information and resources, including:

💡 [Factsheets and Infographics](#)

💡 [Webinars](#)

💡 [OCEAN:ICE Breakers](#)

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<https://fediscience.org/@OceanIceEU>

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Who is OCEAN:ICE?

OCEAN:ICE stands for Ocean-Cryosphere Exchanges in Antarctica: Impacts on Climate and the Earth System. OCEAN:ICE is a Horizon Europe project, funded by the European Commission and UKRI. OCEAN:ICE focus on understanding how the Antarctic ice sheet and the surrounding Southern Ocean influence our global climate and reduce the level of uncertainty around how much the Antarctic ice sheet will melt in the coming centuries. OCEAN:ICE considers the critical role of feedbacks between ocean circulation, ice sheet change and tipping points and the global climate. [Find out more](#)



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