

OCEAN:ICE News – November 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.

Catching up on October

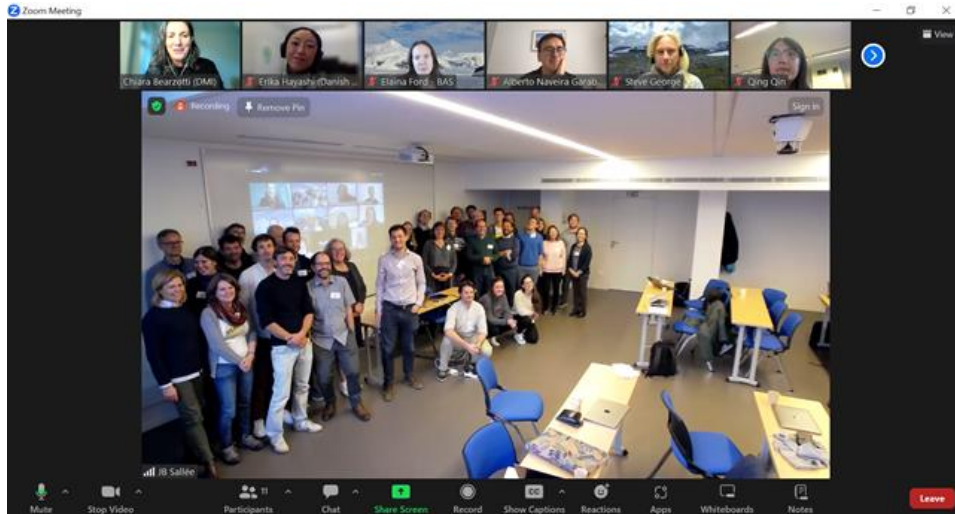
OCEAN:ICE and SO-CHIC Joint Conference and Annual Meeting

For two consecutive days, OCEAN:ICE collaborated with our sister Horizon 2020 project, SO-CHIC, to host a Joint Project Conference. This event brought together participants from both projects and featured guest speakers, with a physical presence in Paris and online.

Following two days of collaboration at the Joint Conference, it was now time to kick off the OCEAN:ICE Annual Meeting. Ruth Mottram and Andrew Meijers commenced the meeting, and shortly thereafter, we delved into updates regarding the progress, results, and plans for the next 12 months for the project's Work Packages. This session served as a valuable opportunity for project members to connect, gain insights into and celebrate the achievements of the past year, and eagerly anticipate the upcoming developments in OCEAN:ICE's second year.

Find all presentations from the OCEAN:ICE Work Packages on the OCEAN:ICE Zenodo Community [here](#).

Read more news from the OCEAN:ICE Annual Meeting and Joint Conference with SO-CHIC on the OCEAN:ICE [website here](#).



OCEAN:ICE at the Antarctic Policy Event, Tipping Points in Antarctica: Towards Evidence-Based Policy

October 16, 2023, Brussels - OCEAN:ICE members, Ricarda Winkelmann ([PIK](#)), Ruth Mottram ([DMI](#)), and Nicolas Jourdain ([UGA](#)) presented at the TIPACCs Antarctic Policy Event last month. Check out some photos and key takeaways [here](#)
Read more details about the policy event [here](#).



UN Ocean Decade's Ocean Practices: OBPS Workshop VII – Focus Session

On October 18th, Andrew Meijers, joined forces with the Danish Meteorological Institute, the Group for High Resolution Sea Surface Temperature and upcoming Horizon Europe projects, ObsSea4Clim and TipESM for a focus session on Exploring Climate Dynamics: **Exploring Ocean-Climate Dynamics: Observations, Collaboration, and Policy Implications.**

The main objective of the focus session sought to highlight the important role that the ocean plays in the global and regional climate, and stresses the need for measuring and observing the status of oceanic properties. Satellite and in-situ observations provide key data that can be used in climate models, climate services, evaluating and forecasting tipping points and for decision-making at national and international levels.

Andrew Meijers (British Antarctic Survey/OCEAN:ICE) presented OCEAN:ICE, exploring how ocean observations of the interactions between the Southern Ocean and the Antarctic Ice Sheet are used to improve coupled ice sheet-ocean and ice sheet-climate models to reduce deep uncertainties. Catch up on the Focus Session here: <https://youtu.be/e6Ep5QTvaJ0?si=t6oXohNHUvbTRDSS>



Milestones and Deliverables

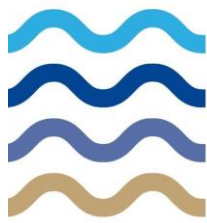
This month has also been marked with the delivery of project deliverables and milestones. Find these latest reports on our Zenodo community linked below!

- [OCEAN:ICE Annual Project Meeting 1 \(MS18\)](#)
- [Data Inventory \(D7.6\)](#)
- [Delivery of basal ice sheet melt flux \(MS7\)](#)
- [OCEAN:ICE Equality, Diversity and Inclusion Policy \(EDI\) \(D9.9.\)](#)

Upcoming Climate Coffees

Mark Payne from the Danish Meteorological Institute takes the stage this month for a Climate Coffee session on An Experiment in Climate Service Portability: Implementing a Danish Climate Atlas in Ghana.

When? 16 November 2023 from 10:00 – 10:45am (CET). Register [here](#).



Climate Coffee



Mark Payne, DMI

**An experiment in Climate Service portability:
implementing a Danish Climate Atlas in Ghana**

16 November 2023 | 10:00 - 10:40 CEST
Online



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December is also a special month for our Climate Coffee series! We have two talks lined up!

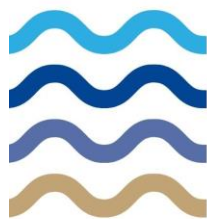
Climate Coffee with Shenjie Zhou (BAS) on Slowdown of Antarctic Bottom Water export driven by climatic wind and sea-ice changes

7 December 2023, 10:00 – 10:40 (CET)

Climate Coffee with Kathryn Gunn (University of Southampton) on Recent reduced abyssal overturning and ventilation in the Australian Antarctic Basin

14 December 2023, 10:00 - 10:40 (CET)

Register [here](#).



Climate Coffee



Shenjie Zhou, BAS

**Slowdown of Antarctic Bottom Water
export driven by climatic wind and sea-ice
changes**

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Climate Coffee



Kathryn Gunn, University of Southampton

Recent reduced abyssal overturning and ventilation in the Australian Antarctic Basin

14 December 2023 | 10:00 - 10:40 CEST
Online



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Happening this Month

OCEAN:ICE will be at these upcoming events. Will you also be there? Let us know!

- 8 – 10 November 2023, [Polar Summit](#), Paris
- 30 November – 12 December 2023, [COP28](#), Dubai

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

Are you following us on Social Media?

Stay up to date with OCEAN:ICE on our following channels:

www.ocean-ice.eu

<https://www.linkedin.com/company/euoceanice/>

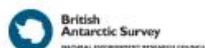
https://twitter.com/OCEANICE_EU

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

<https://www.facebook.com/OCEANICEEU/>

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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