



Photo: Maria Basova

Bolin Centre Newsletter #10

Dear Bolin Centre members,

As the much-awaited Christmas break approaches, we are all eagerly looking forward to a well-deserved rest.

Before we break for the holidays, we would like to express our sincere gratitude to those who attended Bolin Days for your invaluable presence and contributions. The event was filled with enriching insights, meaningful connections, networking, and learning. We would love to hear more about your impressions. If you haven't already, please take 5 minutes to **answer six evaluation questions**. Your feedback is essential in shaping future events.

All the participants received the evaluation link by email.

We want to update you on the Nomination process for the Bolin Lecturer 2024. We received a total of five nominations from the Bolin Centre membership, and all nominees were exceptionally qualified, making the selection process challenging. After careful consideration, we are pleased to announce that **Prof. Ricarda Winkelmann** from the Potsdam Institute for Climate Impact Research and the University of Potsdam, Germany, has been selected as our top candidate, and she accepted the invitation to be the Bolin lecturer for 2024.

Save the date for the Bolin Lecture 2024 - May 8.

We would also like to express our gratitude for the support provided throughout the 2023 year and for your active engagement. The Bolin Centre, as you know, is not a physical place; it is a network, and without your willingness to be involved and engaged in the Centre's work, there wouldn't be any Centre.

We would like to take a moment to express our sincere appreciation for **Torben Königk**, one of the RT1 leaders. His decision to step down in 2024 is met with gratitude for the contributions he has made during his term. Torben's commitment, availability, and proactive position have left a lasting impact on the Bolin Centre. His expertise and passion for climate modeling have significantly influenced the Centre's work. We wish him good luck with other challenges. Consequently, we are announcing the RT1 leader position for nominations—an exciting opportunity to shape the direction of RT1. We encourage your participation in the nomination process. Refer to the attached document, "Proposed process for appointment as research theme leader within the Bolin Centre," for details.

Nomination deadline: 31 January 2024.

We will keep you informed about the latest news in our monthly Newsletter. Our aim is to make the Newsletter a valuable source of information, inspiration, and research exchange. We need your help for this, so please don't forget to share any information you'd like to see published in the upcoming Newsletter by sending it to bolin@su.se

Wishing you a joyful and restful holiday season!



Director Ilona Riipinen; poster competition winners Jamie Barnett, Sonja Gindorf, and Caroline Greiser; External Science Advisory Group member Jay Famiglietti. Photo: Laila Islamovic.

The 15th Bolin Days – three days of knowledge sharing and opportunities for collaboration

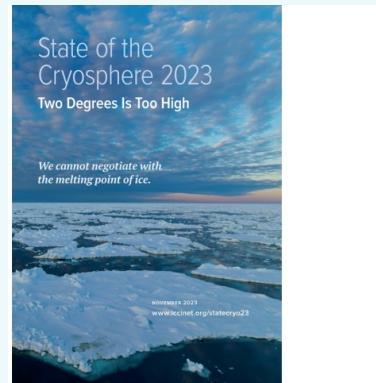
The Bolin Centre for Climate Research just wrapped up its 15th Bolin Days, an annual internal conference for our members. With over 200 members registered, the conference started off on November 28th with a day dedicated to early career researchers, called the ECR Day.

[Read more](#)

New State of the Cryosphere 2023 report from ICCI

The International Cryosphere Climate Initiative (ICCI), of which vice-director Gustaf Hugelius is a part of, has recently released a new State of the Cryosphere report. The report underlines the urgency and importance of recognizing the fact that we cannot negotiate with the melting point of ice. It stresses that 1.5°C is the only option, and that the 2 °C target put forward by the Paris agreement is way too high.

[Read more](#)



Please read the State of the Cryosphere 2023 report by clicking on the picture.

Researchers to COP28 participants: Include the role of the oceans in climate work

The ocean has a major impact on the development of the climate, and the ongoing climate summit is the time to highlight this until now undervalued resource. So writes three professors at Stockholm University in a newly published Opinion piece addressed to the participants of COP28.

[Read more](#)



Call for abstracts for the Swedish Climate Symposium 2024 is now open!

The symposium, taking place on May 15-17, 2024 in Norrköping, invites researchers to submit abstracts for an engaging exploration of climate science and its societal impacts.

*The Bolin Centre will co-fund attendance by paying the conference fee for all Bolin Centre members hired at SU or KTH (contact bolin@su.se). Early Career Researchers (PhD-students and Post-docs) can apply for a travel grant to cover train and accommodation expenses through the Bolin Centre Climate Research School (contact carmen.prieto@natgeo.su.se). The symposium preliminary **program** is available [here](#).*

Submission deadline: Abstracts must be submitted via the Symposium website by January 18, 2024.

[Read more](#)

Use of AI and ML can drive new knowledge about how the Earth system works

Three recently published articles show how AI and Machine Learning use can drive new knowledge about how the Earth system works and how climate extremes (in these cases, drought) can be predicted around Sweden and the world.

[Read more](#)

News from Rossby Centre (SMHI)

Dear members, we would like to draw your attention to two initiatives that the HE project OptimESM (Optimal High-Resolution Earth System Models for Exploring Future Climate Changes) led by the Rossby Centre (SMHI) will conduct at EGU in April 2024.

[OptimESM](#) will be co-hosting a Great Debate and a Session at **EGU's General Assembly 2024**. We strongly encourage all, in particular **ECRs**, to join EGU 2024 and participate in this initiative! Submit your abstracts before **10 Jan 2024**, register for the conference and show-up at the Great Debate. Let us know if we can help you in any way and **spread the word in your network!**

- **GDB Unleashing your potential as an Early-Career researcher: bridging the research-policy divide** <https://meetingorganizer.copernicus.org/EGU24/session/50643>

In this debate we will explore how to enable the sustainable engagement of ECRs with the policy landscape. What role can ECRs play in bridging the gap between scientific knowledge and policy implementation? How can ECRs navigate the intricate mechanisms of stakeholder engagement? What significant challenges and barriers do they face and how can these be overcome?

- **Session Earth system responses under a changing climate** <https://meetingorganizer.copernicus.org/EGU24/session/49394>

This session will examine physical, biogeochemical and biophysical processes likely to affect the evolution of the Earth system over the coming decades and centuries. Contributions with a focus on; (a) the latest advances in the representation of these couplings and interactions within state-of-the-art numerical models; (b) novel experimental designs to help improve quantification of these feedbacks, including those targeting CMIP7 activities and (c) novel approaches, including artificial intelligence, combining observational datasets with models to improve constraints; are all particularly welcome.

The General Assembly 2024 of the [European Geosciences Union \(EGU\)](#) is held at the [Austria Center Vienna \(ACV\)](#) in Vienna, Austria and online, from 14–19 April 2024.

Session AS4.2 **As spring arrives: Processes leading up to annual Arctic sea-ice melt**

The abstract submission deadline is Wednesday, 10 January 2024, 13:00 CET.

[Read more here](#)

Funding call for short research exchanges to initiate **collaborations linked to SUCCeSS**

[Read more here](#)

The 1st **Geographic Perspectives on Climate Change Mitigation** in Urban and Rural Environments Meeting will be held next year at the University of Salento, Italy, and the University of Applied Sciences FHNW, Switzerland, in partnership with the Mediterranean Center for Climate Change (CMCC).

[Read more here](#)

2024 Japan Scholarships:

Apply for research, studies, or internships in Japan.

- SJSF: Grants for various subjects. Stay: 1 week to 1 year. Apply: Dec 1, 2023 - Mar 1, 2024. Details: <https://sjsf.se/local-pages/sweden/>
- SJF: Scholarships for studies and research. Stay: 3 months to 1 year. Apply: Dec 1, 2023 - Mar 1, 2024. Details: <https://swedenjapan.se/sjf-scholarships/>

Researcher in sea ice modeling and remote sensing (Norway, Bergen)

Do you have experience analyzing remote sensing data for geophysical research, especially SAR data? Do you want to take part in an ESA research project?

Apply by December 20, 2023 for a 3-year position as a researcher in our Sea Ice Modelling group!

[See details here](#)

Positions within **VIMAS**, [more information is here](#).

News from Researchers' Desk

- A **debate article** "*Politikerna struntar i klimatforskningen*" led by Glenn Bark and **signed by 420 researchers** was published in Aftonbladet on Thursday. It was debated in Studio Ett and TV4 with the Minister for Climate and Environment. You can read the article [here](#) and listen to the debate in Studio Ett [here](#) (00:06:55) the debate on TV4 [here](#) (00:06:10). Researchers' Desk thanks Glenn Bark, all co-authors and all members who signed.
- A second debate article "*Klimatmålet netto-noll 2045 är otillräckligt*" led by Klimatriksdagen and signed on behalf of Researchers' Desk was published today in Dagens Arena. You can read this article [here](#).
- The schedule for **up-and-coming seminars at Researchers' Desk**. Most seminars are from 12 noon to 1 p.m. via Zoom. A link is sent out on the Monday before each seminar.

Dec 13 – Raymond Pierrehumbert, Professor, Oxford University, on the [Doomsday Clock](#).

Dec 20 – Christmas Party at Stockholm Resilience Centre at 17:00.

Jan 17 – Simon Hallett, Head of Climate Strategy at Cambridge Associates, a global investment firm in England, will talk with us about Net Zero.

Jan 24 – Peter Stenvinkel, Lektor, Karolinska institutet om Naturens intelligens – hur den hjälper oss påverka ålder och förbättra planetens hälsa.

Jan 31 – Loukas Christodoulou: "[En journalist ringer dig. Vad vill hen? En snabb inblick i mediernas värld för klimat- och omställningsforskare.](#)"

Feb 7 – Maria Ojala, Docent of Psychology, Örebro University: Hope and other climate-change emotions: How good are they in motivating an active and sustainable citizenship?

Feb 14 – Emily Boyd, Professor, Lund University on "Critical questions in climate social science".

Feb 21 – Karin Gerhardt, Forskare, Sveriges lantbruksuniversitet, om spannmålsproduktion i framtidens extremväder.

Mar 6 – Kristoffer Hylander, Professor, Stockholm University "Coffee management, biodiversity and climate change in coffee's indigenous range in Ethiopia".

Mar 13 – Researchers' Desk AGM and Climate Fresk. Preliminary.

Mar 20 – Anna Jonsson and Andrew Simms: "Badvertising - how climate chaos is being promoted & how to stop it."

May 8 – Eric Secher on: Enough is still enough.

To get more engaged with Researchers' Desk, please contact: Alasdair Skelton (alasdair.skelton@geo.su.se)

CALENDAR

24-25
JANUARY

SBDI Days 2024: Towards Data-driven Ecology

is hosted by the Swedish Biodiversity Data Infrastructure and will take place at the Swedish Museum of Natural History in Stockholm. The event will offer keynotes and presentations, posters, demonstrations, and time to mingle and exchange ideas about data driven ecology.

Register [here: nrm.se/sbdidays](https://nrm.se/sbdidays), **deadline 2024-01-10**

Sign up for a presentation

The organizers offer **twelve** slots for presentations and encourage scientists working with any of the symposium topics (see preliminary program) to present their research. You can apply for a 15-min talk by submitting a title and abstract (max 300 words)

to support@biodiversitydata.se, **latest by 2023-12-20**

8
MAY

Science Seminar and Bolin Climate Lecture 2024

by Prof. Ricarda Winkelmann from the Potsdam Institute for Climate Impact Research and the University of Potsdam, Germany

13-16
MAY

ACTRIS Science conference

3 – 16 May in Rennes, France
Deadline for abstract is 24 December 2023
More details can be found here
<https://www.actris.eu/ASC2024>

15-17
MAY

Swedish Climate Symposium 2024

Climate Research: Science, Society, Responses

Climate research for society: understanding the science, investigating environmental and societal implications and exploring governance responses.

SMHI, the Strategic Research Areas MERGE and BECC, and the Bolin Centre for Climate Research invites to the 2nd Swedish Climate Symposium on 15–17 May, 2024, in Norrköping, Sweden.

[Call for abstracts is open until 18 January 2023](#)

13-14
NOVEMBER

SAVE THE DATE! Bolin Days 2024

[To Bolin Centre calendar](#) →

Bolin Centre publications

As part of our ongoing efforts to keep our community updated and informed, we encourage you to share your recent publications with us. By doing so, we can ensure that our list of scientific journal publications remains comprehensive and up to date.

Here you will find the list of recent publications at bolin.su.se/publications

The **Bolin Centre Annual Report** summarizes the scientific achievements of the Bolin Centre and its scientists throughout the preceding year and outlines future plans.

[You will find our recent report here](#)

Workshop for researchers: Write a debate article

Are you a researcher with an opinion in your area of expertise that you'd like to share with the public? If so, you are warmly welcome to join a digital workshop on writing persuasive texts. The organizers will cover how to structure an argumentative article during the workshop, and you, as participants, will work on your own texts.

[Read more in Swedish here](#)

Pitch an article idea for The Conversation

Are you a scientist at Stockholm University and have an article idea for the digital magazine The Conversation? Here you can pitch your idea.

[Read more here](#)

Do you feel stressed? Seminar series in the spring of 2024

Many employees at Stockholm University signal that they have a workload that they are not satisfied with. To work preventively with unhealthy workload is an important issue and it has therefore been chosen as one of the goals for the work environment and equal terms work 2023–2024.

[Read more and register here](#)

Promotional material

If you need Bolin Centre logos or promotional material for your upcoming presentations, reports, or other activities, please feel free to get in touch. We have stickers with our logo, T-shirts (all sizes, except M), bags and buffs.

To make a request, kindly reach out to Maria Basova at maria.basova@aces.su.se, and we will be more than happy to assist you.

All members of the Bolin Centre receive the Bolin Centre Newsletter, which presents our current activities and latest news.

If you have suggestions or research that you would like to share in upcoming newsletters, please contact bolin@su.se.

Please note that the newsletter is typically sent once a month.

Editor: Maria Basova (Coordination)

Bolin Centre for Climate Research

Contact: bolin@su.se

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SOCIAL MEDIA

