



May 2024

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Photo: Anna-Karin Landin

Bolin Centre Newsletter #5, 2024

Dear Bolin Centre members,

I think we finally have the courage to welcome spring to our campus! Before we know it, summer will be here and offices will be empty. Before that though, and as we are finalizing the Bolin Centre Strategic Plan on External Communication, we would like to **asses our members current involvement in policy related activities. Please take the time to fill out [this short survey](#)** (takes about 5 min to complete), which will help us get a better understanding of what policy related activities that you find interesting and worth your time.

Follow us on LinkedIn!

The Bolin Centre is now present on [LinkedIn](#), make sure you follow us and add us as an affiliation under "Experience" on your profile page.

As part of our continuous commitment to keeping our community well-informed, we invite you to share any recent publications you may have. Kindly send them to Laila.Islamovic@aces.su.se. Your contributions will help to keep our list of scientific publications up-to-date. Please consider sending us your latest work.

We'll keep you informed about the latest news in our monthly newsletter. We aim to make the newsletter a valuable source of information, inspiration, and research exchange. **We need your help with 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.**

On behalf of the Bolin Centre's Directorate,
Laila & Maria

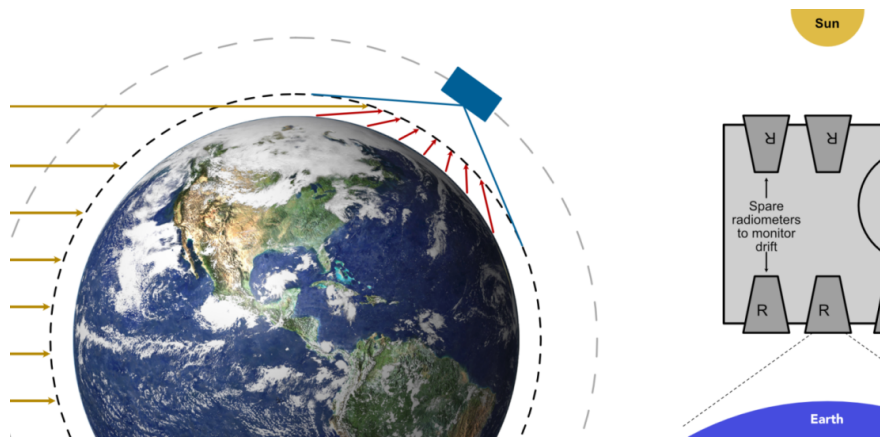


Illustration: Thorsten Mauritsen, Department of Meteorology

Stockholm researchers one step closer to large satellite project

The European Space Agency's Earth Explorer program has over the years launched five research missions into space to provide important research data, and there are six more programs at various stages of development. In early 2023, the program issued its twelfth call for proposals. Seventeen applications were received, and recently ESA decided to allow four of these to proceed to the next stage of the process, where the program proposals will be scrutinized more closely. One of these research programs will be selected as ESA's twelfth Earth Explorer in 2029.

[Read more](#)



Researchers surveying thawing permafrost on Kurunghakh Island, Lena Delta, Siberia (2016). Photo: Justine Ramage.

Permafrost Region Shifts from Carbon Sink to Source Under Climate Change

A comprehensive study on the carbon balance of the northern permafrost region has revealed significant shifts, indicating it has transitioned from a net sink to a net source of carbon under the influence of climate change. This study by Gustaf Hugelius and Justine Ramage from the Bolin Centre for Climate Research and the Department of Physical Geography at Stockholm University, among others, sheds light on the intricate dynamics of greenhouse gas emissions in this critical ecosystem.

[Read the press release in Swedish here.](#)



Camille Parmesan. Photo: Lloyd Russell

Camille Parmesan new honorary doctorate at Stockholm University

Stockholm University has chosen this year's honorary doctors, all of whom have contributed in distinctive ways to the University's activities in research and education. Among the six new honorary doctors is Camille Parmesan, member of the Bolin Centre External Science Advisory Group (ESAG). Congratulations Camille on this well deserved achievement!

[Read about the six new honorary doctorates at Stockholm University here.](#)



Photo: Jan-Ola Olofsson

Bert Bolin Climate Lecture and Science Seminar 2024

Welcome to register for the Bert Bolin Climate Lecture and Science Seminar 2024. This year's lecture titled "*When giants falter: Tipping points in Greenland and Antarctica*" is given by Professor Ricarda Winkelmann from the University of Potsdam and PIK.

The **Bert Bolin Climate Lecture** is aimed at high-school students and the general public, however you are all more than welcome to attend by **registering here**: <https://su.powerinit.com/Data/Event/EventTemplates/2602/?EventId=2932>

Date: Wednesday 8 May 2024

Time: 14.00 – 15.00

Location: Beijersalen, KVA – The Royal Swedish Academy of Sciences, Lilla Frescativägen 4 (and Zoom)

The **Bert Bolin Science Seminar**, aimed at the research community, will take place on the same day but in a different venue, you **do not** have to register for this seminar:

Date: Wednesday 8 May 2024

Time: 10.00 – 11.00

Location: DeGeersalen, Geosciencesbuilding at Stockholm university

[SWE] Klimatmålen nås inte med befintliga beslut och åtgärder

Pressmeddelande från Naturvårdsverket

Sverige når varken de nationella klimatmålen eller EU-målen. Det visar Naturvårdsverkets nya analyser av hur beslutade styrmedel kan påverka utsläppen. Möjligheten att klara Sveriges utsläppsåtaganden inom EU påverkas i hög grad av vad som händer inom transportsektorn de närmaste åren.



FORSKAR FREDAG

En del av European Researchers' Night

ForskarFredag logo

Do you want to be a part of ForskarFredag 2024?

Bolin Centre is planning to participate in [ForskarFredag 2024](#), which will take place on **September 27th**, and this year's theme is "[Research in our everyday day](#)".

ForskarFredag aims to promote interest in science among high school children and is organized by universities, science centers, museums, etc., across the whole of Sweden. The event is coordinated by Vetenskap & Allmänhet and Vetenskapshuset. A range of activities is planned, including experiments, demonstrations, shows, exhibitions, science cafés, and small group talks. These exciting activities allow engagement and meetings with researchers. The events aim to showcase that researchers are ordinary people with extraordinary jobs and that research relies on communication and cooperation.

At AlbaNova Campus, Bolin Centre's researchers will showcase practical experiments illustrating climate science. It's a unique opportunity for participants to learn more about fascinating climate research and for researchers to exercise their communication skills. Knowing Swedish is not necessary.

If you would like to be part of this event or get more information about it, please email your interest to maria.basova@aces.su.se

SRC+AI: New seminar series on AI and the planet

What does intelligent machines and sophisticated algorithmic systems mean for the sustainability sciences, our relation to ecosystems and the living planet, and our collective abilities to build resilience for a more turbulent future?

Welcome to Stockholm Resilience Centre on May 14:th for the opening of a new seminar series on AI and its impacts on science and the planet. The first "SRC+AI" speaker is Joacim Våg who will lead a discussion around how you can use generative AI in several parts of the research process. [Learn more and register here.](#)

Data from the Swedish Geological Survey is going open access

From the 9th of June, SGU is making all their geological data openly available and more easily accessible (in Swedish). [Take a look here!](#)

Course Introduction to Climate Modeling

The PhD level course Introduction to Climate Modeling.

[See the information about the course and how to sign up for it here](#)

Please sign up before 13 May.

For questions, please contact Gunilla Svensson: gunilla@misu.su.se

Researcher with a focus on urban micrometeorology modeling

SMHI is looking for a researcher in the field of urban climate to strengthen our research activities with a focus on high-resolution modeling of meteorological processes in cities, especially in connection with heat stress. We offer a stimulating work environment with international collaborations and flexible working methods.

*Application Deadline: **2024-05-31***

[For more information please click here.](#)



[SWE] Hasselbladstiftelsens skivastipendium

Hasselbladstiftelsen bjuder in naturvetare att söka skivastipendium!

Här får du som är naturvetare möjlighet till lugn och ro för att koncentrera dig på ditt skrivande. Stipendiet består av en vistelse under hela september månad i Villa Martinson och 10 000 kronor. Om du är en naturvetare som är verksam som lärare eller forskare vid ett universitet eller högskola i Sverige, är detta stipendium för dig.

[Ansök här.](#)

Bolin Centre Events

7
MAY

Bolin Centre RT1 Meeting & Fika

Tid: 11.15 - 15.00

Plats: Högbomsalen, Geosciences building house U

RT1 leaders invite you to join them for a meeting to discuss RT plans, activities, and cooperation. This is an opportunity to meet the new RT leaders Fuentes Franco Ramon and Geert Brethouwer and learn more about the climate research conducted at SMHI (Rossby Centre) as part of the Bolin Centre. *All RTs are welcome to the meeting to learn more about RT1's work and plans and explore collaboration opportunities.*

[Register & learn more here.](#)

8
MAY

Bert Bolin Climate Lecture & Science Seminar

This year's lecture "**When giants falter: Tipping points in Greenland and Antarctica**" is given by Professor Ricarda Winkelmann from the University of Potsdam and PIK.

Seminar: 10.00 - 11-00 (De Geer, SU)

Lecture: 14.00 - 15.00 (Beijersalen, KVA)

With expertise in climate system analysis and ice dynamics, Professor Winkelmann will delve into critical thresholds of ice-sheet stability and will shed light on the potential impacts of Greenland and Antarctica's ice dynamics on global sea-level rise and climate change. Her insights, gained through extensive research offer a unique perspective on the future of our planet.

[Register for the lecture here.](#)

15-17
MAY

Swedish Climate Symposium

Climate Research: Science, Society, Responses

Location: Louis De Geer Konsert & Kongress, Norrköping

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.

27-29

5th International PalaeoArc Conference

The Conference will be organized at Stockholm University, The Swedish Museum of Natural History and the Royal Swedish Academy of Sciences over 3 days

External events

14
MAY

SRC+AI: New seminar series on AI and the planet

Tid: 12.30 - 13.30

Plats: [Stockholm Resilience Centre, Albanovägen 28](#), room Holling.

[Register here.](#)

19
JUNE

KI Contributes: Rising Waters, Rising Health Challenges - What can we learn from the Italian flood experience?

Floods and other forms of extreme weather events are occurring ever more frequently, and societies must prepare for it, on a national, regional and local level. In this webinar we will focus on how research can contribute to increased preparedness and improved response.

Date & time:

19 June 2024 at 1-3 pm Swedish time

Place:

Online via Zoom Webinar

[Programme](#)

Register:

[Sign up here!](#) The Zoom link will be sent to the email address you provide.

PUBLICATIONS & MEDIA

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 emailing bolin@su.se. 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 2022** summarizes the scientific achievements of the Bolin Centre and its scientists throughout the preceding year and outlines plans.

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

NEWS FROM RESEARCHER'S DESK

[Dear Members of Researcher's Desk,](#)

Here are this week's information points:

1. Call for [blog posts](#), [FAQs](#) and [literature recommendations](#) for our website. Please contact: alasdair.skelton@geo.su.se if you would like to contribute or if you have suggestions.

2. Reminder: Researchers' Desk welcomes suggestions for **speakers for the autumn semester**. Please e-mail suggestions to alasdair.skelton@geo.su.se.

3. Recommendations from our members:
Call for signatures: [Movement for a Free Academia](#)

4. Calendar of **up-and-coming events**:

- 13:e maj – kl. 19, Skandia Teatern, Stockholm: **Omställningsont** - "bråkshow" och boksläpp med Maria Wolrath Söderberg och Nina Wormbs. Köp biljetter [här](#).
- 1:a juni – kl. 10 – 16:30, Uppland: **Klimat och matvandring i Uppland** med Alasdair Skelton och Karin Gerhardt. **Anmäl dig** genom att maila alasdair.skelton@geo.su.se.

5. This is 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:

- May 8 – Eric Secher on: Enough is still enough.
- May 15 – Astrid Nilsson Lewis, Oxfam, on climate inequality.
- May 22 – Katrin Uba, Senior Lecturer, Uppsala University: "Defenders of the status quo? The role of protests in Swedish energy politics."
- May 29 – Paul Glantz on the humidity paradox of climate change
- Jun 5 – Therese Bergstedt och Mikael Törnwall från Svenska Dagbladet om hur forskare bör tänka när de kontaktar journalister.
- Sep 4 – Maya Sundsten, International Cryosphere Climate Initiative: Science-led Policymaking, the Obstacles and What (Sometimes) Works.
- Sep 11 – Cecilia Lundholm, Professor, Stockholm University on school pupil's values and beliefs regarding policy responses to climate change and climate change education.
- Sep 18 – Caroline Greiser, Researcher, Stockholm University – "Drier soils lead to warmer forests."
- Oct 9 – Ria Dunkley, Senior Lecturer, University of Glasgow – "Pathways to Climate Equity: Perspectives on Advocacy and Action."

Bolin Centre's ECRs Network Fika Meeting # 3

22 May 15:00-17:00

Place: U26

Focus Theme: **ECR grants and funding opportunities.**

Presentation from the Office for Research, Engagement, and Innovation Services (REIS). You will receive information about valuable opportunities such as the Marie Curie fellowship, national funding options, and navigating Horizon Europe funding for ECRs. Plus, a crash course on PRISMA and what you need to know about this platform for your application.

For suggestions and questions, please contact Alex alexandra.hamm@natgeo.su.se.

[Please, register here](#)

We have started the **ECRs mailing list**, which will serve as a platform for communication among Early Career Researchers (ECRs) at the Bolin Centre.

To be included, you need to tick the box "Yes" for the question - Would you like to be a part of the Early Career Research Network and the Climate Research School? in the membership application or send a request to maria.basova@aces.su.se.

To send an email to the list, simply address it to: bolinecr-at-lists.su.se@lists.su.se

Book "En varmare värld" (A Warmer World) by Naturvårdsverket

We want to remind you that the third edition of "En varmare värld" (A Warmer World) by the Swedish Environmental Protection Agency (Naturvårdsverket) is still available at the Bolin Centre as a printed copy in Swedish. This is a great opportunity to get the book about fundamental processes and for those who want to understand the complex issue of climate change and its consequences.

You can get the book by contacting bolin@su.se.

Profile Products

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 once a month, 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: Laila Islamovic (Communications)
Bolin Centre for Climate Research
Contact: laila.islamovic@aces.su.se

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SOCIAL MEDIA

