



[Template-for-Bert-Bolin-Climate-Lecture-Nomination for 2024.docx](#)  
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Stockholm  
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH  
and SMHI

October 2023

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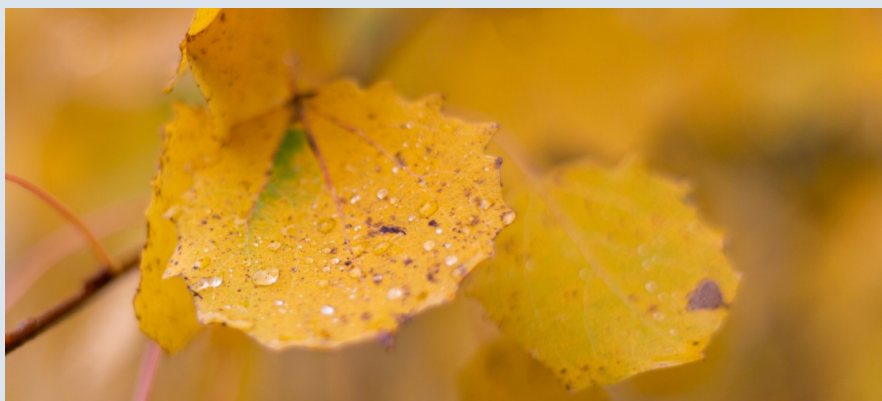


Photo: Maria Basova

## Bolin Centre Newsletter # 8

Dear Bolin Centre members,

As the post-vacation hustle and bustle starts to settle down, and the fall leaves are falling, we find ourselves eagerly embracing the return to steady work. It's a time filled with exciting events, ambitious plans, and promising opportunities. We are excited to enter this new season of development and interaction with you.

The Bert **Bolin Climate Lecture Call for nominations for 2024** is still open with the deadline: **October 15, 2024**. Take the opportunity to think about which researchers you appreciate and would like to honor by nominating them for the Bolin Lecturer 2024. Please find the nomination template attached to this newsletter. Submission email: [bolin@su.se](mailto:bolin@su.se)

Don't miss the opportunity to register for the [Symposium on climate and health](#) (21 November 2023).

**On November 29-30**, join us for the 15th **Bolin Days**, where scientific discussions and a welcoming community await you. Enjoy enriching presentations, networking, a poster competition, much-appreciated Geopub and Cèilidh dance and memorable dinner at the Vasa Museum. This is your chance to connect with the Bolin Centre's Science Advisory Group, alongside the members of the External Science Advisory Group, as well as key support functions, including Research Data Support and the Database.

Mark your calendar for the **October 27 registration deadline!**

[Register here](#)

We will continue to inform you of the latest news in our monthly Newsletter.

We strive to make the Newsletter a valuable source of information, inspiration and research exchange, but we need your help. Don't forget to share information you want us to publish in the upcoming Newsletter, send it to [bolin@su.se](mailto:bolin@su.se).

Thank you for your continued support, and we look forward to seeing you at our upcoming events.

## ForskarFredag 2023 - Bolin researchers interacting with high school students

In this year's edition of ForskarFredag, the Bolin Centre for Climate Research participated with 11 Bolin researchers, aiming to deepen understanding of the climate system and communicate their knowledge. ForskarFredag serves as a unique opportunity for researchers to inspire and engage younger generations, sharing their knowledge, passion for science, and arousing interest in education and research.

[Read more](#)



Photo: Maria Basova

## Biological particles play crucial role in Arctic cloud ice formation

An international team of scientists from Sweden, Norway, Japan, and Switzerland, has presented research findings that reveal a crucial role of biological particles, including pollen, spores, and bacteria, in the formation of ice within Arctic clouds. These findings, published in *Nature Communications*, have far-reaching implications for climate science and our understanding of the rapidly changing Arctic climate.

[Read more](#)



Tundra near the Ny-Ålesund village in the summer of 2019 with the Zeppelin Observatory in the background (left hand side, engulfed in clouds). The tundra is potentially a major source of bioaerosols in the Arctic. Photo: Gabriel Freitas

## New research project aims to fill in critical knowledge gaps in the global carbon cycle

Two researchers from Stockholm University will work within the new project on the vulnerability of soil carbon, focusing on mapping carbon storage in permafrost and on modelling microbial responses to changes in environmental conditions. The project will develop a new generation of models to predict the fate of carbon in ecosystems under increasing stress due to climate change.

[Read more](#)



Sampling the frozen soil underlying the mosquito-rich tundra by hammering a steel corer into the permafrost. Photo: Gustaf Hugelius.

## The smell of the sea – a key to understanding climate change?

How does the smell of the sea impact the world's climate? This question lies at the heart of the Cyano-VOC research project. Within this endeavour, aerosol chemists collaborate with microbiologists to investigate the volatile organic compounds emitted by cyanobacteria and other plankton residing along the coastlines of the Baltic Sea.

[Read more](#)



Matt Salter och Snega Aggarwal during a three-day sampling expedition aboard R/V Electra analysing volatile organic compounds (VOCs) released by cyanobacteria blooms. Photo: Lisa Bergqvist

## Congratulations, Johan!

MISU's professor and the Vice-Chair of the Bolin Centre, Johan Nilsson, has been elected as a new member of the Royal Swedish Academy of Sciences. Professor Johan Nilsson was one of the six new members elected on September 13, 2023.



Photo: Björn Dalin

## OPPORTUNITIES

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### **Associate Professor in Systematic and Evolutionary Botany** at [the Department of Ecology, Environment and Plant Sciences](#).

Closing date: 21 November 2023.

[Read more](#)

### **12 PhD positions in marine, climate and environmental sciences**

Closing date: November 3, 2023.

The graduate school *Perspectives on climate change in coastal seas* admits 12 new doctoral students at departments in the natural sciences, economic sciences and legal sciences at Stockholm University. All positions involve an individual research project related to the Baltic Sea, but the students are also part of an interdisciplinary educational programme where issues concerning coastal ecosystems in relation to a changing climate are approached, investigated and discussed from several angles.

[Read more and apply here](#)

### **Scientific programmer in meteorological remote sensing**

SMHI is seeking a scientific programmer with expertise in remote sensing in the visual and either or both the infrared and microwave spectral ranges. As part of the long-running Nowcasting Satellite Application Facility project (NWC SAF), the work mainly focuses on developing and implementing methods for analyzing clouds and precipitation from multi-spectral image data.

Last day of application: 2023-10-29

[Read more and apply here](#)

### **Swedish Reference Laboratory for Air Quality (measurements) are look for an engineer**

Deadline: 2023-10-18

[Read more and apply here](#)

## Swedish for Lunch: Language Practice with Colleagues

Time: **Fridays at 12.00-12.45 CET**

Place: Accelerator Cafe, Frescativägen 26A

Open for: Stockholm University employees

Drop-in: No need to sign up in advance

Questions and comments: [info@sprakstudion.su.se](mailto:info@sprakstudion.su.se)

Fridays at noon, SU staff is welcome to practise Swedish over lunch at the Accelerator Cafe. Swedish speakers from Språkstudion Language Learning Resource Centre will be coordinating the sessions and support you in your language learning. Welcome!

[Read more](#)

## CALENDAR

21  
NOVEMBER

### Symposium on climate and health

The Health Committee of the Royal Swedish Academy of Sciences, in collaboration with Bolin Centre for Climate Research, Chalmers University of Technology, Karolinska University Hospital, Stockholm Trio and Umeå University, organises a symposium on the topic of climate and health.

The open symposium will bring together experts from different fields relevant for understanding the interactions, challenges and co-benefits related to climate and health. The aim of the symposium is to summarise the state of the science, stimulate discussion, and relate to relevant ongoing and future policy processes.

The symposium will be held in English.

[Register here](#)

29-30  
NOVEMBER

### Bolin Days 2023

Place: Aula Magna, SU

[Register here](#)

Find the detailed tentative programme under the designated tab at the top of the registration page.

15-17  
MAY

### SAVE THE DATE! 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 – opens October 2023.](#)

[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](https://bolin.su.se/publications)

## Bolin Centre's experts on TV

- Bolin Centre experts on SVT: A lengthy report from Tarfala discussing melting glaciers, featuring a contribution by Nina Kirchner.  
Listen to the clip in Swedish [here](#) (starting from minute 28:00).
- TV4: Commentary on the Copernicus report regarding temperatures in September, featuring a contribution from Paul Glantz.  
Listen to the clip in Swedish [here](#) (starting from minute 04:20).
- SVT: Three extreme climate events in 2023, discussed with contributions from Michael Tjernström and Johan Nilsson.  
Listen the clip in Swedish [here](#)

We have been receiving increased interest from journalists seeking climate expertise. If you are available for short-notice interactions with media, please inform us.

Additionally, consider adding yourself to Stockholm University's Climate Experts list [here](#) to enhance your visibility. We can assist you with this; just write to [bolin@su.se](mailto:bolin@su.se).

## News from the Climate Research School (CRS)

### **Transformative discussion: Investigating a gender perspective in climate research**

The event, "Investigating a gender perspective in climate research" provided crucial platform for early-stage researchers in Bolin Centre for Climate Research to explore the intersection of gender and climate.

The participants admired the three speakers for offering unique yet interconnected insights. This approach made the content engaging and relevant. Many expressed that this event was their first in-depth exploration of these crucial issues, highlighting the importance of re-examining familiar topics from new perspectives.

[Read more](#)



Photo: Laila Islamovic

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

We want to remind that the third edition of "En varmare värld" (A Warmer World) by 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](mailto:bolin@su.se).

## 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](mailto: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](mailto:bolin@su.se).

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

Editor: Maria Basova (Coordination)  
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SOCIAL MEDIA

