



Stockholm  
University

## Bolin Centre for Climate Research

A collaboration between Stockholm University,  
KTH and SMHI

Week 22, 2022

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### Bolin Centre for Climate Research - a collaboration between Stockholm University, KTH and SMHI

The Bolin Centre is a multi-disciplinary consortium of over 400 scientists in Sweden that conducts research and graduate education related to the Earth's climate.

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## NEWS

### Update from the directorate

You may have noticed a lower flow of information from the Bolin Centre during recent weeks. Here we want to give you an update on what has been happening. Firstly, we want to say a big Thank You to Magnus Atterfors, who left the Centre in April. Magnus will be greatly missed!

At the moment Sara Gershagen, from Forskningservice, is helping us with the coordination, but only on limited part time.

We are in the process of recruiting a new full-time coordinator for the Bolin Centre, but until that new person is in place we will not be able to maintain the weekly newsletter and you may find that we are slow to respond. We ask that you are patient with us and look forward to starting the fall term with new coordination support in place!

Please direct any questions to [bolin@su.se](mailto:bolin@su.se).



Foto: Sara Gershagen

### Swedish Climate Symposium, 16-18th of May

Together with SMHI, BECC and MERGE, the Bolin Centre organized the inaugural Swedish Climate Symposium conference in Norrköping, 16-18th of May. Around 600 people attended the conference in total, with ca. 300 physical participants

each day. The conference opened with plenary sessions highlighting the main conclusions of the recent IPCC 6th assessment report followed by a series of topical parallel sessions covering all aspects of climate science. The third day focused on communication of climate science to media and the general public, as well as an event for PhD students co-organized by the Bolin Centre Climate Research School. We wish to thank everyone that helped organize the conference and those of you who attended and presented!

## The Climate Arena receives CIVIS award

We congratulate The Climate Arena for being awarded The CIVIS Label and Award in the category Governance! CIVIS is a European Civic University formed by the alliance of 10 leading research higher education institutions across Europe. The Bolin Centre Climate Arena aims to support cross-sector work aimed at “bending the curve” of climate change by developing long lasting relations between academic, public, business and policy sectors.

## CRS Summer School - 2022

We are happy to announce that the Bolin Climate Research School is organizing a Summer School on “Extreme Events – in Time and Space” to be held on Gotland, August 22-26. The Summer School is free of charge and the Climate Research School will cover the costs for travel, accommodation and dinner every day of the week. Your only cost will be the daily breakfast and lunch and the travel from your home to the harbor in Nynäshamn and back.

Application deadline: June 30, 2022

[Read here for more information and application form.](#)

## Save the date

The 2022 Bolin Days are scheduled to take place in Aula Magna on 15-16th of November.

## PUBLICATIONS

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### Recent Bolin Centre publications

On [bolin.su.se/publications](https://bolin.su.se/publications) you'll find a list of scientific journal publications by Bolin Centre scientists. Here are the most recent ones we have published on the website for 2022.

- Kondetharayil Soman, A., Chafik, L., & Nilsson, J., 2022. Linking coherent anticyclonic eddies in the Iceland Basin to decadal oceanic variability in the Subpolar North Atlantic. *Journal of Geophysical Research: Oceans*, 127, e2021JC018046. <https://doi.org/10.1029/2021JC018046>
- Åkesson, H., Morlighem, M., Nilsson, J., Stranne, C., and Jakobsson, M., 2022. Petermann ice shelf may not recover after a future breakup. *Nature Communications* 13, 2519. Doi: [10.1038/s41467-022-29529-5](https://doi.org/10.1038/s41467-022-29529-5)
- West, G., Nilsson, A., Geels, A., Jakobsson, M., Moros, M., Muschitiello, F., Pearce, C., Snowball, I., O'Regan, M., 2022. Late Holocene Paleomagnetic Secular Variation in the Chukchi Sea, Arctic Ocean. *Geochemistry, Geophysics, Geosystems* 23, e2021GC010187. Doi: [10.1029/2021GC010187](https://doi.org/10.1029/2021GC010187)



## New datasets in the Bolin Centre Database

Here are a few of the latest published datasets for 2022

- Eleonor E. Ryberg, Minna Väiliranta, Antonio Martínez-Cortizas, Johan Ehrlén, Jenny K. Sjöström, Malin Kylander (2022) Postglacial vegetation data obtained using macrofossil analysis on a peat sequence reaching ~10 000 years BP in Store Mosse bog, south-central Sweden. PANGAEA. <https://doi.org/10.1594/PANGAEA.941401>
- Clare Marie Flynn (2022) Selected output from ICON global atmosphere simulations, at ~160 km resolution, with varying turbulent drag. <https://doi.org/10.17043/flynn-2022-icon-drag-1>
- Carl-Magnus Mörth, Reiner Giesler, Sandra Fischer (2022) Monthly atmospheric deposition of sulfate, chloride and sulfur isotopes at Lake Gårdsjön, southwestern Sweden, 1990–1993. <https://doi.org/10.17043/morth-2022-gardsjon-1>
- John Livsey, Stefano Manzoni, Anna Scaini (2022) Soil property data from An Giang Province, Vietnam, spring 2019. <https://doi.org/10.17043/livsey-2022-soil-1>

## CALENDER

### Seminar with Associate Prof. Ryan Sullivan

13  
JUNE

Aerosols as Catalytic Microreactors:  
from Making Air Pollution and Clouds  
Rain, to Micropollutant Remediation

Time: 11.00-12.00

Place: De Geersalen, Geovetenskapens Hus  
and online on Zoom (Link provided closer to the  
event)

PhD Thesis Defence: Linn Karlsson

# 13

JUNE

Title: Aerosol-cloud interactions in a warming Arctic.

Time: 14:00

Venue: De Geersalen, Geovetenskapens hus and online on Zoom (Link provided closer to the event).

[Read more here.](#)

The Bolin Centre Weekly News provides you with a selection of our current activities and latest news and is sent to all members of the Bolin Centre. In this Weekly News, we have added just a couple of all the events going on within the Bolin Centre. If you have suggestions that you would like to include or research that you would like to share in coming Weekly News, please contact [bolin@su.se](mailto:bolin@su.se). Note that the next Weekly News will not be until after the summer.

Editor: Sara Gershagen: 076-698 41 02 [sara.gershagen@su.se](mailto:sara.gershagen@su.se) (Coordination)

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