



## 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.

### NEWS

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Foto: M. Carlsson

#### Warmer autumns could spell bad news for butterflies

A new study by researchers at Stockholm University, University of Oulu, and Greifswald University has investigated the potential impacts of climate change on butterflies. In laboratory experiments the researchers exposed the chrysalises of green-veined white butterflies - which are common throughout the UK and Europe - to simulated autumn conditions of varying temperature and length.

Read more on the [Dep't of Zoology's website](#)

#### Seminar: Data Management Support at the Bolin Centre

Date: Wednesday, 27 April 2022, 11h00–13h00 (including lunch for registered attendees)

Venue: Rossbysalen C609, MISU, Svante Arrhenius väg 16C, 6th floor and on zoom

Zoom link: will be provided later

Members of the Bolin Centre are invited to a seminar about Data Management Support. Strategies for research data management are becoming more and more important as funding agencies and universities require Data Management Plans (DMP) and that research data conforms to the FAIR principles – Findable, Accessible, Interoperable, Reusable.

Erik Hedman from the Stockholm University Library will present what support is offered centrally from the University by the Research Data Management Team. Anna Lewinschal (MISU), Anders Moberg (NG) and Rezwan Mohammad (IGV) will present Bolin Centre specific data management support and resources, including a demonstration of our new data management web page.

Registration: Not mandatory. Lunch will be included for registered attendees. Please register by [e-mailing Anna Lewinschal](#) latest 19th of April. Please specify any dietary requirements.

## Bolin Centre researchers in media

2022-04-05 Thorsten Mauritsen i SVT: "Ny rapport från FN:s klimatpanel IPCC"

2022-03-23 Michael Tjernström & Ian Brown i SR: "Därför är det rekordvarmt på Antarktis"

## Changes in the Bolin Centre Staff

The Bolin Centre coordinator Annika Granebeck will mainly be working at the Tarfala Research Station this year. Sara Gershagen will therefore work part-time with Bolin Centre coordination this year and we are also in the process of recruiting a new, full-time coordinator for the Bolin Centre.

## 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.

- Jakobsson, M., Mayer, L.A., 2022. Polar Region Bathymetry: Critical Knowledge for the Prediction of Global Sea Level Rise. *Frontiers in Marine Science* 8. [Doi:10.3389/fmars.2021.788724](https://doi.org/10.3389/fmars.2021.788724)
- Jennings, A., Reilly, B., Andrews, J., Hogan, K., Walczak, M., Jakobsson, M., Stoner, J., Mix, A., Nicholls, K.W., O'Regan, M., Prins, M.A., Troelstra, S.R., 2022. Modern and early holocene ice shelf sediment facies from Petermann Fjord and northern Nares Strait, northwest Greenland. *Quaternary Science Reviews*: 283, 107460. [DOI:10.1016/j.quascirev.2022.107460](https://doi.org/10.1016/j.quascirev.2022.107460)
- Larsson, S.A., Kylander, M.E., Sannel, A.B.K., Hammarlund, D. (2022). Synchronous or Not? The Timing of the Younger Dryas and Greenland Stadial-1 Reviewed Using Tephrochronology. *Quaternary*, 5(2), 19. <https://doi.org/10.3390/quat5020019>

## CALENDER

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### Three seminars by visiting researchers from Canada

12

Snow in the Arctic, permafrost  
limnoscapes, and geological analysis

APRIL

using satellite images

Time: 13h15 - 16h00

Venue: Geocentrum in Uppsala and via Zoom

[Read more](#)

## PhD Thesis Defence: Emelie Graham

13

APRIL

Title: Insights into key processes governing atmospheric aerosol loadings and their interactions with clouds

Time: 13 April at 09h00

Venue: De Geersalen, Geovetenskapens hus and via Zoom

Organizer: Dep't of Environmental Science

[Read more](#)

## Seminar: Critical Raw Materials for the Energy Transition

20

APRIL

Speaker: Kathryn Goodenough, British Geological Survey

Time: 15h00 - 16h00

Venue: William-Olsson lecture hall and by Zoom

Organizer: Dep't of Geological Science

[Read more](#)

## Swedish Climate Symposium

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MAY

The conference on 16-18 of May will be a meeting spot for national and international researchers and persons working within the climate area in public and private organizations

Organizers: SMHI, the Strategic Research Areas MERGE and BECC, and the Bolin Centre for Climate Research

[Read more](#)

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. 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).

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SOCIAL MEDIA

