



Stockholm  
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 4, 2022

[Click here to read the letter in your browser](#)

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.



### Swedish Climate Symposium – 16–18 May 2022

Welcome to the Swedish Climate Symposium in Norrköping, Sweden. The 2.5 day conference will be a meeting spot for national and international researchers and persons working within the climate area in public and private organizations.

**Time:** 16–18 May 2022

**Venue:** in-person event in Norrköping, but online possible

**Abstract submission:** no later than 15 February

**Registration:** no later than 15 March

The conference fee is waived for Bolin Centre members. In addition, the Bolin Centre will finance costs for travel and lodging for a limited number of Bolin Centre attendees. If you are interested to receive the financial support, you must notify us via [bolin@su.se](mailto:bolin@su.se) no later than 31 January. We will refer back to you shortly after that date.

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

Partners: SMHI/Rosby centre, Lunds Universitet, Göteborgs Universitet, Stockholms universitet, KTH, Chalmers och Linneausuniversitet

Read more on the [Bolin Centre website](#) »

For programme, registration and abstract submission, visit [the Swedish Climate Symposium website](#) »

---

### Swedish Climate Symposium - Side event for PhD students

The coordinators of the Bolin Centre Climate Research School and ClimBEco cordially invite PhD students of their respective research schools to an exclusive side event on the symposiums second day, May 17, a GREAT opportunity to meet other climate scientists to discuss science and get to know other early-career researchers.

Registration deadline: March 18, 2022

## Postdoctoral Fellow in the project "Partnership for Anthropocene Solutions"

**Available position:** The candidate will work with a team of researchers from the Bolin Centre for Climate Research, the Stockholm Environment Institute, the Institute for Thematic Studies at Linköping University and the Swedish NGO Klimatriksdagen. Apply before February 25 2022.

Read more on [the Bolin Centre website](#) »

---

## Publications - Bolin Centre 2021

**We are finalizing the scientific journal publication list for 2021 on [bolin.su.se/publications](https://bolin.su.se/publications) » Make sure that your publication is on the list, in order for it to make it to the Annual Report 2021. If it's not there, please submit it to [bolin@su.se](mailto:bolin@su.se) no later than January 28th.**

---



### Publications

#### Recent Bolin Centre publications

Here are the most recent ones we have published on the website for 2021.

- Hochman, A., Messori, G., Quinting, F. J., Pinto, J. G., Grams, C. M. Do Atlantic-European weather regimes physically exist? *Geophys. Res. Lett.*, [doi:10.1029/2021GL095574](https://doi.org/10.1029/2021GL095574)
- Ye, K. Messori, G. (2021) Inter-model spread in the wintertime Arctic amplification in the CMIP6 models and the importance of internal climate variability. *Glob. Plan. Ch.*, [doi:10.1016/j.gloplacha.2021.103543](https://doi.org/10.1016/j.gloplacha.2021.103543)
- Pausata, F. S. R., Messori, G., Yun, J., Jalihal, C. A., Bollasina, M. A., Marchitto, T. M. (2021) The remote response of the South Asian Monsoon to reduced dust emissions and Sahara greening during the middle Holocene. *Clim. Past*, [doi:10.5194/cp-17-1243-2021](https://doi.org/10.5194/cp-17-1243-2021)
- Scher, S., Jewson, S., Messori, G. Robust worst-case scenarios from ensemble forecasts. *Wea. For.*, [doi:10.1175/WAF-D-20-0219.1](https://doi.org/10.1175/WAF-D-20-0219.1)
- Scher, S. and Messori, G. (2021) Ensemble methods for neural network-based weather forecasts. *JAMES*, [doi:10.1029/2020MS002331](https://doi.org/10.1029/2020MS002331)
- Hochman, A., #Scher, S., Quinting, J., Pinto, J. G., Messori, G. (2021) A new view of heatwave dynamics and predictability over the Eastern Mediterranean. *Earth Sys. Dyn.*, [doi:10.5194/esd-12-133-2021](https://doi.org/10.5194/esd-12-133-2021)
- Baró Pérez, A., Devasthale, A., Bender, F. A.-M., and Ekman, A. M. L. (2021) Impact of smoke and non-smoke aerosols on radiation and low-level clouds over the Southeast Atlantic from co-located satellite observations, *Atmos. Chem. Phys.*, 21, 6053-6077 <https://doi.org/10.5194/acp-21-6053-2021>
- Lembrechts, J.J., .... (Hylander, K., Greiser, C.,) et al., 2021. Global maps of soil temperature. *Global Change Biology*. <https://doi.org/10.1111/gcb.16060>
- Christiansen, D.M., Lønsmann Iversen, L., Ehrlén, J., and Hylander, K., 2021. Changes in forest structure drive temperature preferences of boreal understorey plant communities. *Journal of Ecology*, open access. <https://doi.org/10.1111/1365-2745.13825>
- Frank, T.D., Fielding, C.R., Winguth, A.M.E., Savatic, K., Tevyaw, A., Winguth, C., McLoughlin, S., Vajda, V., Mays, C., Nicolls, R., Bocking, M. & Crowley, J.L., 2021. Pace, magnitude, and nature of terrestrial climate change through the end-Permian extinction in southeastern Gondwana. *Geology* 49, 1089–1095. <https://doi.org/10.1130/G48795.1>

Please send your newly published publication to [bolin@su.se](mailto:bolin@su.se) »

---



### From Sweden to Italy – measuring air pollution

A container filled with equipment used to measure air pollution will make its way from Stockholm University to the Po valley in Italy as part of a European climate research project.

Read the full story on [Stockholm University's website](#) »

---



### Tarfala Research Station Workshop

Welcome to a workshop where we provide inspiration and discuss possibilities to conduct field work in the Swedish Arctic at Tarfala Research Station, TRS. TRS is hosted by the Dept. of Physical Geography at Stockholm University and is Sweden's only research station located right next to glaciers in an Arctic alpine environment. The station is situated in the Tarfala Valley under the Kebnekaise Mountains in northern Sweden and can host up to 30 national and international researchers and students at a time.

**Time:** 7 February 2022, 10h00-14h00

**Venue:** De Geer Hall, Geoscience Building, Stockholm University and Zoom

**Organized by:** [Tarfala Research Station](#) »

[Read more and registration on the Bolin Centre website](#) »

---

### Experts are invited to review IPCC's AR6 Synthesis Report

The registration for expert review of IPCC's AR6 Synthesis Report is open. The review period is between 10 January - 20 March. Last day to register is 13 March.

Read more on [SMHI's website \(Swedish\)](#) »

Register as expert reviewer on [IPCC's website](#) »

What is an Expert reviewer of IPCC reports? Read more on [IPCC's website](#) »

---

### Recorded Bolin Centre Seminar

Did you miss the seminar titled "Ecological rehabilitation of river ecosystems in a future climate" with speaker Roland Jansson, Department of Ecology and Environmental Sciences, Umeå University? Watch a recorded version on the [Bolin Centre Youtube channel](#) »

Find other [recorded Bolin Centre Series Seminars on the Bolin Centre website](#) »

## CALENDER

27

Jan

### PhD defence by Gabriel West

**Time:** 27 January, 14h00-16h00

**Title:** A multimethod approach to dating Quaternary sediments from the Arctic Ocean

**Venue:** Zoom-link <https://stockholmuniversity.zoom.us/j/68426670889>

[Read more on Department of Geological Sciences](#)

27

Jan

### Review seminar: Extreme sensitivity in Snowball Earth formation to mountains on PaleoProterozoic supercontinents

**Time:** 27 January, at 14h15-15h15

**Speaker:** Martin Renoult, PhD, Department of Meteorology

**Venue:** Zoom <https://stockholmuniversity.zoom.us/j/3723594558>

**Organizer:** Department of Meteorology

7

Feb

### Tarfala Research Station Workshop

**Time:** 7 February 2022, 10h00-14h00

**Venue:** De Geer Hall, Geoscience Building, Stockholm University and Zoom

**Organizer:** [Tarfala Research Station](#) »

[Read more and registration on the Bolin Centre website](#) »

16-18

May

### Swedish Climate Symposium – 16–18 May 2022

The conference will be a meeting spot for national and international researchers and persons working within the climate area in public and private organizations.

**Time:** 16-18 May

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

**Read more:** [The Bolin Centre website](#) »

15-16

Nov

### Save the date: The Bolin Days

**Time:** 15-16 November

## OFFICE STAFF - BOLIN CENTRE AT CAMPUS

Due to COVID-19, the Bolin Centre Office will be irregularly staffed at the University. Sometimes, we work from home. Don't hesitate to get in touch with us via mobile or e-mail.

- Magnus: 076-695 70 78, [magnus.atterfors@su.se](mailto:magnus.atterfors@su.se) (Communications)
- Annika: 072-148 91 49 [annika.granebeck@su.se](mailto:annika.granebeck@su.se) (Coordination)
- Sara Gershagen: 076-698 41 02 [sara.gershagen@su.se](mailto:sara.gershagen@su.se) (Coordination)

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).

Editor: Magnus Atterfors

Photo: Martin Jakobsson, Paul Zieger, Annika Granebeck

### Stay updated

Find news and upcoming events at [bolin.su.se](http://bolin.su.se) and follow us on [Twitter](#), [Facebook](#) and [YouTube](#).

