



Stockholm
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 48, 2020

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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.



Bolin Days 2020

Dear members of the Bolin Centre,

Thank you once again for participating in and contributing to making the Bolin Days 2020 a success! We enjoyed two days of excellent science talks, posters, and discussions in Zoom webinar rooms, break-out and mingle rooms, and on the Agorify platform. Although we had to conduct the Bolin Days entirely virtual, we had no less than 230 registered participants!

The virtual format had the advantage that all members of our External Science Advisory Group could participate, and our special thanks go to all of you for accommodating session hours that were the best possible compromise allowing participation from different parts of the Globe. Congratulations once again to the winners of the student poster competition!

We would have loved to conclude the Bolin Days with a dinner and social interactions in real life, and hope that we will be able to do so again next year!

Best wishes
Nina and Alasdair

Seminar: Uncertain water resources in a changing world

Join Research Area 3 seminar on December 1st 02.00 PM - 03.00 PM with speaker Peter Greve, Research Scholar – Water Program IIASA – International Institute for Applied Systems Analysis.

The sufficient availability of freshwater is vital to humans, economies, and ecosystems. However, water availability is threatened both by overexploitation of water resources and anticipated climate change. Even nations with abundant water resources may experience water shortages in the future. Sustainable water planning, therefore, requires reliable assessments of water resources availability – both within the near and far future.

[Read more on the Bolin website »](#)



Publications

Recent Bolin Centre scientist publications

On 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.

- Moon, S., Perron, J.T., Martel, S.J., Goodfellow, B.W., Ivars, D.M., Hall, A., Heyman, J., Munier, R., Näslund, J.-O., Simeonov, A., Stroeve, A.P., 2020. Present-day stress field influences bedrock fracture openness deep into the subsurface. *Geophysical Research Letters*: 47, 23. <https://doi.org/10.1029>

[/2020GL090581](#)

- Chen, J., Huang, W., Feng, S., Zhang, Q., Kuang, X.Y., Chen, J.H., Chen, F.H., 2020. The modulation of westerlies-monsoon interaction on climate over the monsoon boundary zone in East Asia. International Journal of Climatology. <https://doi.org/10.1002/joc.6903>
- Noormets, R., Flink, A., Kirchner, N., 2020. Glacial dynamics and deglaciation history of Hambergbukta reconstructed from submarine landforms and sediment cores, SE Spitsbergen, Svalbard. Boreas. [doi:10.1111/bor.12488](https://doi.org/10.1111/bor.12488)
- Avery, R.S., Greenwood, S.L., Schenk, F., Morén, B.M., Mckay, D.I.A., Brunnberg, L., Wohlfarth, B., 2020. A 725-year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP. Boreas. <https://doi.org/10.1111/bor.12490>
- Marshall, K. E., Gotthard, K. & Williams, C. M., 2020. Evolutionary impacts of winter climate change on insects. Current Opinion in Insect Science: 41, 54–62. <http://www.sciencedirect.com/science/article/pii/S2214574520300857>

Please send your newly published publication to bolin@su.se.

BOLIN CENTRE EVENTS

1
December

Bolin Centre Seminar Series | Research Area 3

Time & venue: Dec 1st at 14h00, Zoom

Titel: Uncertain water resources in a changing world

Speaker: Peter Greve, Research Scholar – Water Program IIASA – International Institute for Applied Systems Analysis

[Read more on the Bolin website»](#)

10
December

Bolin Centre Seminar Series | Research Area 7

Time & venue: Dec 10 at 13h00, Zoom

Titel: Reversing tropical deforestation

Speaker: Eric Lambin, geographer and environmental scientist at University of Louvain and Stanford University.

[Read more on the Bolin website»](#)

11
December

Bolin Centre Journalist Breakfast

Time & venue: Dec 11 at 08h00-09h00, Zoom

Welcome to our second breakfast session with the theme Climate Science in the Media. This session highlights what the general public would like to know about climate issues, and what media and researchers roles are in this, based on a new study from the Swedish Environmental Protection Agency. We will also offer exclusive insights from our latest research. To ensure inclusivity, the breakfast will be conducted in both Swedish and English.

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

OTHER EVENTS AND INFORMATION

10
December

Workshop: Reach an international audience via The Conversation

Time & venue: 10 Dec, 13.00-15.00 via Zoom

The Conversation, with the tagline "Academic rigor, journalistic flair", publishes popular science articles for an international audience and reaches 38 million readers every month. On December 10, one of the editors of The Conversation will give a workshop for researchers at Stockholm University who wants to learn how to reach out.

Deadline for registration: 4 Dec.

[Read more and registration on Stockholm University's website»](#)

OFFICE STAFF - BOLIN CENTRE AT CAMPUS

Due to COVID-19, the Bolin Centre Office will be irregularly staffed at the University. Like many of you, 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 (Communications)
- Annika: 072-148 91 49, annika.granebeck@su.se (Coordination)
- Eva: 076-650 03 08, eva.gylfe@su.se (Supports the office part-time during the autumn).

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.

Editor: Magnus Atterfors

Foto: Martin Jakobsson

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