

Week 11, 2022

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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.



The CRS/ClimBEco side event during the Swedish Climate Symposium has been rescheduled!

Take the chance to meet other PhD students working in climate research. The Climate Research School together with ClimBEco Research School in Lund are organizing a side event during the symposium. On **18 May**, we will meet in the morning for scientific presentation and discussions, a great way to disseminate your research and meet fellow students. We will conclude the event with climbing, networking and playing in the trees at the beautiful Sörsjön Adventure park. And best of all - it's free!

Registration deadline: March 18, 2022

[More information and registration »](#)

Webinar: Challenges for handling spatial data across disciplines – examples from different research fields

Spatial data is more and more available to all kinds of researchers and in society. At the same time Geographic Information System (GIS) software have become increasingly spread and easier to handle. Methods and data within one field can be useful in other disciplines. This makes it possible to answer new research questions and also requires us to think more carefully about the potential use of research data in various fields and across different disciplines.

The webinar will present some examples from Archaeology and Earth System Science. There will also be a presentation of results from a survey where researchers in Sweden, who work with spatial data in different disciplines, give us their view on data management, including how to make them available to others. The webinar is also open for more general questions of research data management – with a focus on spatial data.

The seminar is organized by the domain specialists and research data advisers of the Swedish National Data Service (SND).

Date: 23 March at 11h00 - 12h00

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

Job opportunity: Coordinator at the Bolin Centre for Climate Research

The coordinator will be placed at the Department of Environmental Science (ACES), one of the partner institutions within the Bolin Centre, and among SU's biggest departments at the Faculty of Science with more than 170 employees.

The work will be conducted in close collaboration with the two co-directors of the Bolin Centre, the Bolin Centre research theme leaders, and the communication staff based within ACES and centrally at Stockholm University.

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

Temporary positions at the Rossby Centre, SMHI

Rossby Centre at SMHI (Norrköping, Sweden) offers two temporary positions:

A short-term position until end of this year with the focus on investigating the effect of simulating lakes with the lake-model FLake in EC-Earth4 on climate.

Please find details [here](#) »

A 2-year position on applying machine learning methods for statistical downscaling of global climate model data.

Please find details [here](#) »



Publications

Recent Bolin Centre 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 for 2022.

- Ntukey, Lucas T., Linus K. Munishi, Edward Kohi, and Anna C. Treydte. 2022. Land Use/Cover Change Reduces Elephant Habitat Suitability in the Wami Mbiki-Saadani Wildlife Corridor, Tanzania. Land 11, no. 2: 307. <https://doi.org/10.3390/land11020307>
- Elisie Kåresdotter, Jessica Page, Ulla Mörtberg, Helena Näsström & Zahra Kalantari (2022) First Mile/Last Mile Problems in Smart and Sustainable Cities: A Case Study in Stockholm County, Journal of Urban Technology, <https://doi.org/10.1080/10630732.2022.2033949>
- Ljungqvist, F.C., Thejll, P., Christiansen, B., Seim, A., Hartl, C. & Esper, J., 2022. The significance of climate variability on early modern European grain prices. Cliometrika, 16: 29–77. <https://doi.org/10.1007/s11698-021-00224-7>
- Ljungqvist, F.C., Seim, A., Tegel, W., et al, 2022. Regional patterns of late medieval and early modern European building activity revealed by felling dates. Frontiers in Ecology and Evolution, 9: 825751. <http://doi.org/10.3389/fevo.2021.825751>
- Fuentes-Franco, R., Koenigk, T., Docquier, D. et al, 2022. Exploring the influence of the North Pacific Rossby wave sources on the variability of summer atmospheric circulation and precipitation over the Northern Hemisphere. Clim Dyn. <https://doi.org/10.1007/s00382-022-06194-4>
- Reghellin, D., Coxall, H.K., Dickens, G.R., Galeotti, S., Backman, J., 2022. The late Miocene-early Pliocene biogenic bloom in the eastern Equatorial Pacific: New insights from Integrated Ocean Drilling Program Site U1335. Paleoclimatology and Paleoclimatology: 37(3), 1–16. <http://dx.doi.org/10.1029/2021PA004313>
- Strandberg, G., Lindström, J., Poska, A., Zhang, Q., Fyfe, R., Githubi, E., Kjellström, E., Mazier, F., Nielsen, A. B., Sugita, S., Trondman, A.-K., Woodbridge, J., and Gaillard, M.-J., 2022. Mid-Holocene European climate revisited: New high-resolution regional climate model simulations using pollen-based land-cover, Quaternary Science Reviews, 281, 107431, <https://doi.org/10.1016/j.quascirev.2022.107431>

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

CALENDER

17

Mar

Seminar: Voluntary initiatives for sustainability in global supply chains

Time: 17 March at 13h00

Organizer: Stockholm University Centre for Circular and Sustainable Systems (SUCCeS)

Read more and register on [Dep't of Environmental Science's website](#) »

23

Mar

Webinar: Challenges for handling spatial data across disciplines – examples from different research fields

Time: 23 March at 11h00-12h00

Organizer: Swedish National Data Service

[Read more and link to participation via the Bolin Centre's website](#) »

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Mar

Föreläsning: Röd varningsflagg för mänskligheten

Om glappet mellan pågående klimatkris och otillräcklig klimatpolitik av Pär Holmgren, meteorolog, klimatexpert och sedan 2019 Europaparlamentariker för Miljöpartiet de Gröna.

Tid: 31 mars

Plats: Aula Magna

Organisatörer: Stockholms universitet i samarbete med Researchers desk.

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 (Communications)
- Annika: 072-148 91 49 annika.granebeck@su.se (Coordination)
- Sara Gershagen: 076-698 41 02 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.

Editor: Magnus Atterfors

Photo: Martin Jakobsson

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