



Stockholm  
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 7, 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.



### New base and new directors at the Bolin Centre

As of 1 January 2022, the Bolin Centre for Climate Research is based at the Department of Environmental Science. Professor Ilona Riipinen from the Department of Environmental Science and Associate Professor Gustaf Hugelius from the Department of Physical Geography are the Centre's new directors.

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

### Annual call for Research theme 2

The annual call 2022 for Research theme 2 – "Water, biogeochemistry and climate" of the Bolin Centre is open.

After merging the old RA3 and RA4 Units of the Bolin Centre, the objective of the new Research theme 2 - Water, biogeochemistry and climate, is the following:

The unit RT2 studies the coupled water and biogeochemical cycles and their interactions with climate and society over multiple spatial and temporal scales. Our ultimate goal is to define the adaptation necessary to address climate risks related to these cycles and guide policy towards their mitigation. For this task, we rely on field- and space-based observations, modelling, monitoring, and experiments on land, in the ocean, and the atmosphere.

Read more about the [RT2 call on the Bolin Centre's website »](#)



Swedish Climate Symposium - Extended deadline for abstract

## submission

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: EXTENDED TO 25 FEBRUARY**

**Registration:** no later than 15 March

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

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

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## Swedish Climate Symposium - Side event for PhD students

Are you a PhD student attending the Swedish Climate Symposium? If so, take the chance to meet other PhD students working within climate research. The Climate Research School together with the ClimBEco Research School in Lund, are organizing a side event during the symposium. On May 17, we will meet in the afternoon for scientific presentation and discussions, a great way to disseminate your research and meet colleagues. 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

[Tentative schedule and registration](#) »

Best regards!

Otto and Carmen - your Study Coordinators

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## Arctic Avenue Spring Call 2022 – deadline 28 February

- Total amount of funding: 40,000 €
- Must have two main applicants, one from Stockholm Uni and one from Uni of Helsinki
- Easy application process: a project description and a budget, max two A4 pages, no CVs.
- [Specific information about the call and application form](#) »
- Deadline February 28

Please send the application to the Arctic Avenue Steering Committee by e-mail to Annika Granebeck, [annika.granebeck@su.se](mailto:annika.granebeck@su.se) and Kaarina Weckström, [kaarina.weckstrom@helsinki.fi](mailto:kaarina.weckstrom@helsinki.fi). State *Application for Arctic Avenue funding* in the subject heading.

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## Rettig Prize to Bolin Centre member Fredrik Charpentier Ljungqvist

The Royal Swedish Academy of Letters, History and Antiquities has awarded Associate Professor Fredrik Charpentier Ljungqvist the Rettig Prize 2022 for his “interdisciplinary works concerning climate and diseases in a long-term perspective that demonstrate the importance of humanistic and historical perspectives on crucial contemporary issues”. Read more on the [Bolin Centre's website](#) »

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## 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 Klimatriktsdagen.

Application deadline: 25 February

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



### Publications

#### 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.

- Basu NB, Van Meter KJ, Byrnes DK, Van Cappellen P, Brouwer R, Jacobsen BH, Jarsjö J, Rudolph DL, Cunha MC, Nelson N, Bhattacharya R, Destouni G, Olsen SB., 2022. Managing Nitrogen Legacies to Accelerate Water Quality Improvement, Nature Geoscience. <https://www.nature.com/articles/s41561-021-00889-9>
- Sjöberg Y., Dessirier B., Zou L., Ghajarnia N., Panahi D. M., Diandian Xu, Jarsjö J., Jaramillo F., and Manzoni S., 2022. Scaling relations reveal global and regional differences in morphometry of reservoirs and natural lakes. Science of the Total Environment 822, 153510. <https://doi.org/10.1016/j.scitotenv.2022.153510>
- Scaini, A., Stritih, A., Brouillet, C., and Scaini, C., 2022. What locals want: citizen preferences and priorities for the Tagliamento River. Environmental Research Letters 17, 025008. <https://iopscience.iop.org/article/10.1088/1748-9326/ac4d50>
- Devasthale, A., Carlund, T., Karlsson, K., 2022. Recent trends in the agrometeorological climate variables over Scandinavia, Agricultural and Forest Meteorology: 316, 108849, ISSN 0168-1923. <https://doi.org/10.1016/j.agrformet.2022.108849>
- Ryberg, E.E., Väiliranta, M., Martinez-Cortizas, A., Ehrlén, J., Sjöström, J.K., and Kylander, M.E., 2022. Postglacial peatland vegetation succession in Store Mosse bog, south-central Sweden: An exploration of factors driving species change. Boreas, An international journal of Quaternary research. <https://doi.org/10.1111/bor.12580>

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

### CALENDER

24 Feb	<b>Seminar: Experimenting with melts and sediments from large igneous provinces.</b> <b>Time:</b> 24 February, at 15h00 <b>Speaker:</b> Frances Deegan <b>Venue:</b> William Olsson lecture hall and via Zoom Read more on <a href="#">Dep't of Geological Sciences website</a> »
25 Feb	<b>PhD Defence: Simon Larsson</b> <b>Thesis:</b> Ashes to ashes – Applications of tephrochronology in Scandinavia <b>Time:</b> 25 February at 13h00 online via Zoom <b>Venue:</b> Zoom <a href="https://stockholmuniversity.zoom.us/j/66989449473">https://stockholmuniversity.zoom.us/j/66989449473</a> Read more on <a href="#">Dep't of Physical Geography's website</a> »
16-18 May	<b>Swedish Climate Symposium – 16–18 May 2022</b> The conference will be a meeting spot for national and international researchers and persons working within the climate area in public and private organizations. <b>Time:</b> 16-18 May <b>Organizers:</b> SMHI, the Strategic Research Areas MERGE and BECC, and the Bolin Centre for Climate Research <b>Read more:</b> <a href="#">The Bolin Centre website</a> »
15-16 Nov	<b>Save the date: The Bolin Days</b> <b>Time:</b> 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)
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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

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