



Stockholm  
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 44, 2021

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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.



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The Bolin Days 2021 - Welcome to register!

[Register for the Bolin Days 2021 here »](#)

The deadline for registration is on Thursday (November 4).

The Bolin Days is our annual internal conference for and by our Bolin Centre members. During these days, new climate science results are presented and we meet each other to exchange ideas, share our experiences and find new inspiration. We welcome you to take part in a set of cross-disciplinary sessions organized by our Research Area leaders. You have the opportunity to meet our External Science Advisory Group, there will be a poster exhibition and as usual, a poster competition for PhD students. We start both days with a lunch at 11h00. The Bolin Days ends with a dinner in Aula Magna's Gallery on day two, followed by a pub and a Ceilidh in Geovetenskapens hus.

#### **Hybrid event**

The Bolin Days this year will take place in Aula Magna and Geovetenskapens hus, Stockholm University, and via Zoom.

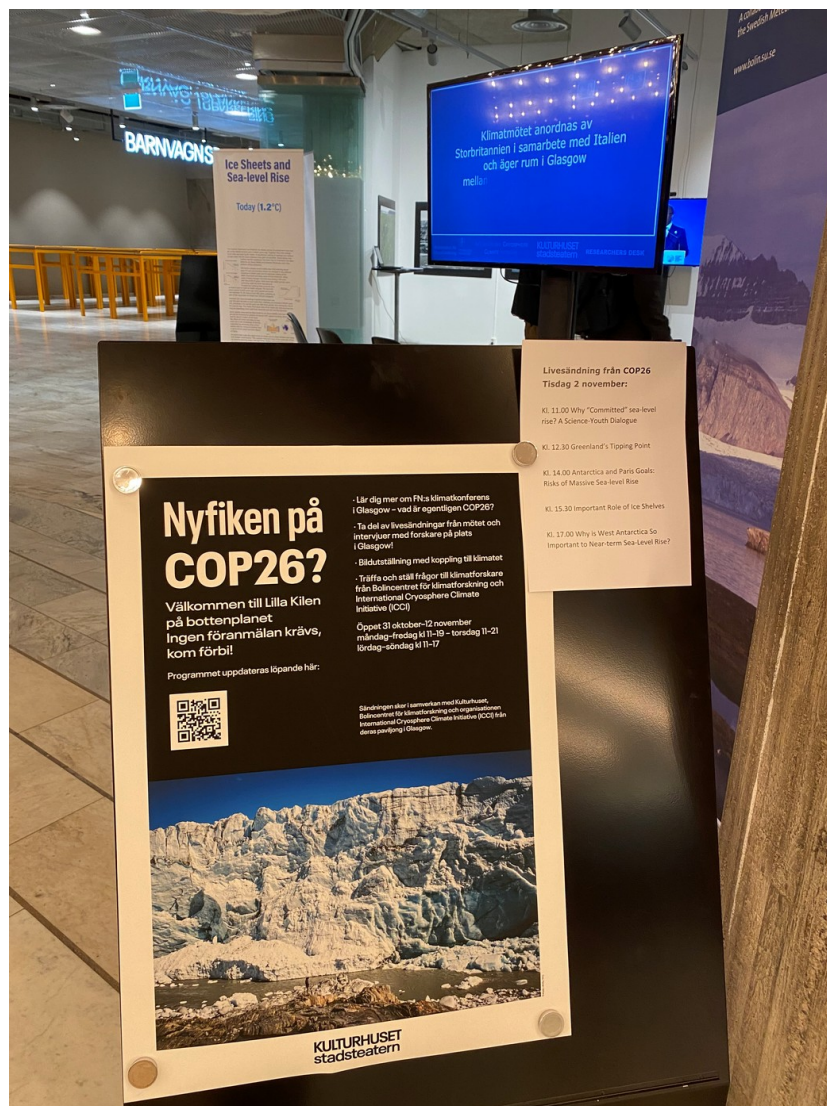
#### **Call for posters and PICO presentations**

The Bolin Days 2021 will have its traditional poster exhibition, this year in Geovetenskapens hus. The deadline for submission of posters and PICO presentations is 15 November. [Instructions are found here »](#)

The program for the Bolin Days is under development, and the full program will be available on the Bolin Centre website at a later stage.

Welcome!

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## COP26 hub in Kulturhuset Stadsteatern

The UN Climate Change Conference COP26 is being held in Glasgow from October 31 to November 12. The ambitions of this conference are for world leaders to negotiate emissions reductions targets that will limit global warming to 1.5 degrees, measures to protect communities and natural habitats adversely affected by climate damage, mobilization of climate finance and the rulebook needed to make the Paris Agreement operational.

In a partnership with Kulturhuset and the International Cryosphere Climate Initiative (ICCI), we have set up a COP26 hub on the groundfloor of Kulturhuset Stadsteatern, Sergels torg, which will be open throughout the conference. On location, visitors get the chance to drop in and ask climate-related questions to Bolin Centre members and to see a photo exhibition. Throughout the conference, we will livestream from ICCI's cryosphere pavilion in Glasgow. The daily schedule is published on [www.bolin.su.se/cop26](http://www.bolin.su.se/cop26) »

We will have a daily host at Kulturhuset - it will either Alasdair Skelton, Nina Kirchner or Gustaf Hugelius. Ingeborg Pay from ICCI will also be there throughout the conference.

If you are interested to take part in the COP26 hub, please contact [Alasdair Skelton](#), [Magnus Atterfors](#) or [Laila Islamovic](#).

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

## Bolincenter-forskare ger ut populärvetenskaplig rapport om klimatet

Strax innan klimatmötet COP26 i Glasgow inleddes, gav Vetenskapsakademien ut *Vetenskapen säger* om klimatet i samarbete med Stiftelsen Natur & kultur. Syftet är att nå ut med vetenskapssamhällets samlade syn på klimatfrågan.

Det är en grupp av klimatforskare, både ledamöter vid Vetenskapsakademien och inkallade externa experter, som står bakom den nya populärvetenskapliga rapporten "Vetenskapen säger om klimatet". Från Stockholms universitet och Bolincentret deltog Ilona Riiipinen, Henning Rodhe och Thorsten Mauritsen. Rapporten har även

granskats av experter från SMHI.

[Läs mer på Bolincentrets webbplats »](#)

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## Bolin Centre researchers in media

[2021-11-01 Michael Tjernström i Studio Ett på SR om klimataktivism, hur effektivt är det?](#)

[2021-11-02 Alasdair Skelton i SvD: "Har vi rätt att ta ifrån barnbarnen vintern?"](#)

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### 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.

- Filippelli, G., Beal, L., Rajaram, H., AghaKouchak, A., Balikhin, M. A., Destouni, G., East, A., Faccenna, C., Florindo, F., Frost, C., Griffies, S., Huber, M., Lugaz, N., Manighetti, I., Montesi, L., Pirenne, B., Raymond, P., Salous, S., Schildgen, T., Trumbore, S., Wyssession, M., Xenopoulos, M., Zhanget, M., 2021. Geoscientists, who have documented the rapid and accelerating climate crisis for decades, are now pleading for immediate collective action. *Geophysical Research Letters*: 48, e2021GL096644. <https://doi.org/10.1029/2021GL096644>
- Revell, L.E., Kuma, P., Le Ru, E.C., Somerville, W.R.C., Gaw, S., 2021. Direct radiative effects of airborne microplastics. *Nature*: 598, pages 462–467. <https://www.nature.com/articles/s41586-021-03864-x>
- Mas e Braga, M., Jones, R.S., Newall, J.C.H., Rogozhina, I., Andersen, J.L., Lifton, N.A., Stroeven, A.P., 2021. Nunataks as barriers to ice flow: implications for palaeo ice sheet reconstructions. *The Cryosphere*: 15, 4929–4947. <https://tc.copernicus.org/articles/15/4929/2021/tc-15-4929-2021.html>
- Larsson, S.A. & Wastegård, S., 2021. A high-resolution Lateglacial–Early Holocene tephrostratigraphy from southernmost Sweden with comments on the Borrobol–Penifiler tephra complex. *Quaternary Geochronology*. [doi:10.1016/j.quageo.2021.101239](https://doi.org/10.1016/j.quageo.2021.101239)
- Hamm, A. and Frampton, A., 2021. Impact of lateral groundwater flow on hydrothermal conditions of the active layer in a high-Arctic hillslope setting, *The Cryosphere*, 15, 4853–4871. <https://doi.org/10.5194/tc-15-4853-2021>
- Olefeldt, D., Heffernan, L., Jones, M.C., Sannel, A.B.K., Treat, C.C. and Turetsky, M.R., 2021. Permafrost Thaw in Northern Peatlands: Rapid Changes in Ecosystem and Landscape Functions, pp. 27–67. In: Canadell, J.G. and Jackson, R.B. (Eds.) 2021: *Ecosystem Collapse and Climate Change*. 364 pp. Springer. [https://link.springer.com/chapter/10.1007/978-3-030-71330-0\\_3](https://link.springer.com/chapter/10.1007/978-3-030-71330-0_3)

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

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Oct

#### Nyfiken på COP26?

Klimatkonferensen COP26 pågår i Glasgow mellan 31 oktober–12 november. Forskare från Bolincentret för klimatforskning finns på plats i Kulturhuset båda veckorna och kommer att live-sända presentationer och intervjuer med forskare i Glasgow. Eventet sker i samverkan med Kulturhuset, Bolincentret och organisationen International Cryosphere Climate Initiative (ICCI).

Läs mer på [Bolincentrets webbplats](#) »  
och på [Kulturhusets webbplats](#) »

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Nov

#### Workshop: Air quality and climate policies: moving forward after COVID-19

Presentation of FORCeS' policy brief *Air quality and climate policies: moving forward after COVID-19*

**Time:** 8 November, 14h00-16h00

**Venue:** Stockholm University and via Zoom

[Read more on FORCeS website](#) »

[Registration for event \(deadline 5 November\)](#) »

11

Nov

#### RA3 zoom series | Perspectives of Hydrology and Water Resources

**Time:** 11 November 2021, 15h00 - 16h00

**Venue:** Zoom

**Title:** The variability of water storage and fluxes over large tropical river basins from multi-satellite observations and their impacts on the land-ocean continuum

**Speaker:** Fabrice Papa, Institut de Recherche pour le Développement (IRD), LEGOS-France

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

15

Nov

**Bolin Centre Seminar Series RA3**

**Title:** Freshwater salinisation – drivers and impacts in river basins around the world

**Date:** Monday 15 November

**Time:** 14h00-15h00

**Speaker:** Josefin Thorslund, researcher in hydrology at the Department of Physical Geography

**Location:** William Olsson and Zoom

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

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Nov

**The Rosaby Prize Symposium 2020: Ice on Earth – a marker for changes of climate**

**Date:** 16 November 2021

**Time:** 13:15-16:30

**Venue:** De Geer Salen, Geovetenskapshus, Stockholm University

Read more and register [on this link »](#)

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Nov

**Workshop: Wikipedia – a source for information and outreach**

**Date:** 17 November 2021, 13h00 -15h00

**Venue:** William-Olsson lecture hall

**Workshop leader:** Olle Terenius, malaria researcher, Uppsala University.

**Who can join:** Students in Climate Research School

**Deadline for application:** 12 November

[Read more and apply »](#)

18-19

Nov

**Bolin Days 2021 in Aula Magna**

**Date:** 18-19 November, 11h00 - 19h00

**Venue:** Aula Magna & via Zoom

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

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Dec

**Bolin Centre Seminar Series RA7**

**Speaker:** Roland Jansson, professor at the Department of Ecology and Environmental Science, Umeå University

**Time:** 7 December, 14h00-15h00

More info will follow!

## 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](mailto:magnus.atterfors@su.se) (Communications)
- Laila: 072-444 35 25 [laila.islamovic@su.se](mailto:laila.islamovic@su.se) (Communications & 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, Magnus Atterfors

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