

Week 5, 2020

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The Bolin Centre is a multi-disciplinary consortium of over 350 scientists in Sweden that conducts research and graduate education related to the Earth's climate.



Bolin Centre researchers make critical advances in quantifying methane released from the Arctic Ocean

[A new study](#), lead by researchers at Stockholm university and published in Science Advances, now demonstrate that the amount of methane presently leaking to the atmosphere from the Arctic Ocean is much lower than previously claimed. [Read more»](#)

Contact: [Brett Thornton](#), [Michael Tjernström](#), and/or [Kristian Andersson](#).

Do you also have interesting new research that you would like to share? Please contact bolin@su.se.

Bolin Centre Research Area 1 Call 2020

We now invite proposals for the winter/ spring call for Research Area 1, RA1. We would like to particularly welcome actions that foster the collaboration between RA1-scientists, and between RA1-scientists and scientists from other Bolin Centre Research Areas, as e.g. workshops, planning meetings for common projects or small common research activities. Other examples of previous supported activities are conference and workshop attendance, invited speakers, publication fees, field work, and instruments.

For scientists with RA1-funding in 2020, it is mandatory to present results at the Bolin Days 2020.

You can apply by filling in the attached application form in full. Every question is compulsory to answer. Please submit your funding applications by email to me (torben.koenigk@smhi.se) and Thorsten (thorsten.mauritsen@misu.su.se) no later than **Sunday 9 February**. We aim to give feedback in the 1-2 weeks following the deadline.

This funding call is primarily for activities completed and claimed by **15 August 2020**. There will be another funding call in late summer/ early autumn 2020.

Best regards,
Thorsten and Torben

Bolin Centre Research Area 5 Call 2020

Proposals for the Spring Call

We invite proposals for the spring call for Research Area 5, RA5. Supported activities include travel costs, conferences and workshops, invited speakers and smaller research projects including field work activities. Projects can be supported with up to 50k SEK. **Deadline: Feb 14**. Application form attached. Please note that the application now needs to include a statement about where the research data (if applicable) will be published – preferentially the Bolin Database! Please send your

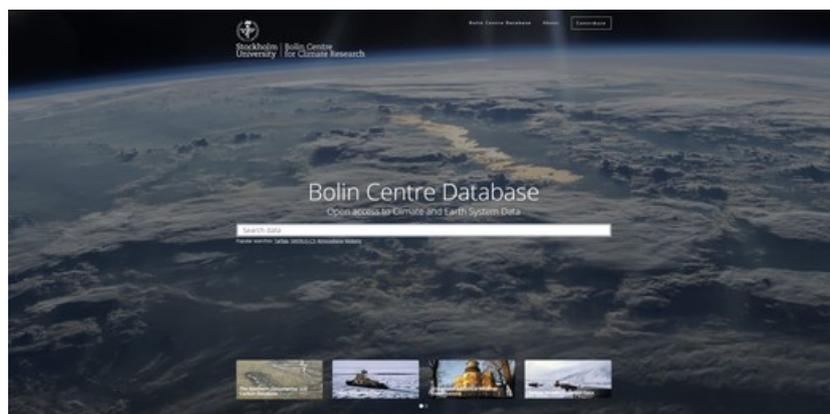
completed application form to Malin (malin.kylander@geo.su.se) and Frederik (frederik.schenk@geo.su.se).

Workshops and Invited Guests

Do you plan to organize a workshop or invite external scientists in 2020? If you are thinking about organising a workshop (internal or international) for 2020 and/or to invite external scientists, please let us know. RA5 or several RA together are happy to support you and provide funding or co-funding. There is no deadline for grant applications in this matter.

Best wishes,
Malin & Frederik

Update from the Bolin Centre Database



The Bolin Centre Database is a storage and management facility for data collected and collated at the Bolin Centre for Climate Research. Most of the data are available with open access and can be used under the terms given in the data description. Our goal is to host all datasets produced within the Bolin Centre, to visualise the data and make the data publicly available.

Please feel free to contact us at bolindata@su.se.

New datasets in the Bolin Centre Database

- Caroline Greiser, Kristoffer Hylander (2019). Temperature records from near-ground microclimate loggers in the central Swedish forest 2015-2016. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/greiser-2019-refugiadclimate>
- Martin Jakobsson (2020). Multibeam bathymetry from Fifång Deep and Asköfjärden, southern Stockholm archipelago. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/jakobsson-2020-asko>
- Martin Jakobsson (2020). Multibeam bathymetry from southeast of Tvärminne Zoological Station in southern Finland archipelago. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/jakobsson-2020-tvarminne>
- Martin Thurner, Christian Beer, Thomas Crowther, Daniel Falster, Stefano Manzoni, Anatoly Prokushkin, Ernst-Detlef Schulze (2020). Sapwood biomass carbon in northern boreal and temperate forests. Dataset version 1.1. Bolin Centre Database. <https://doi.org/10.17043/thurner-2020>
- María A. Burgos, Elisabeth Andrews, Gloria Titos, Lucas Alados-Arboledas, Urs Baltensperger, Derek Day, Anne Jefferson, Nikos Kalivitis, Nikos Mihalopoulos, James Sherman, Junying Sun, Ernest Weingartner, Paul Zieger (2020). Aerosol light scattering coefficients and scattering enhancement factors at 26 globally distributed stations 1998–2017. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/burgos-2020>

BOLIN CENTRE EVENTS

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MARCH

Bolin Centre Seminar Series | Research Area 5

Titel: Reconstructing climate and environmental changes from the Lateglacial to modern times from lake and peat sediments

Speaker: Minna Väliranta: Environmental Change Research Unit (ECRU), Ecosystems and Environment Research Programme, University of Helsinki, Finland

Time & place: March 4 at 13h00–14h00, Ahlmannsalen, Geoscience Building

Abstract: to be announced. Fika will be served, welcome!

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Bolin Centre Seminar Series | Research Area 2

MARCH

Please save the date - more info to come

Time & place: March &' at 13h00-14h00, Ahlmannsalen, Geoscience Building. Fika will be served, welcome!

11-15

MAJ

In Swedish | Klimatfestivalen

I år låter vi Klimatfestivalen växa från tre till fem dagar. Första dagen blir en dag för skollärare med fokus på fortbildning och det lärmaterial som Bolincentret har tagit fram. Dag två-fyra blir det ordinarie klimatfestival i Geovetenskapens hus. Nytt för i år är att vi sista dagen firar klimatvetenskapen med ett stort event i Kungsträdgården! Dagen erbjuder både vetenskapliga inslag och musikuppträdanden - boka in det i kalendern redan nu.

25-26

NOV

Bolin Days

Welcome to this year's Bolin Days. **Please note that the dates has been changed to November 25-26, 2020.** If you are interested in Climate and the Earth Sciences, you are welcome to join us. We offer an interesting scientific programme and lots of fun social events.

OTHER SEMINARS, EVENTS, INFO, ETC.



In Swedish | Podd: Forska utan att flyga – går det?

Ingen kan ha undgått att just vårt flygande innebär negativa konsekvenser för klimatet, men samtidigt som vår medvetenhet ökar, fortsätter vi att i nästan samma takt som tidigare resa på samma sätt. Den akademiska världen är inget undantag. Lyssna på Bolincenterforskare i Stockholms universitetsbiblioteks podd [Bakom bokhyllan](#).

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 in coming Weekly News, you are welcome to send these to bolin@su.se.

Editor: Annika Granebeck
Foto: Martin Jakobsson, Brett Thornton

Stay updated

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