



Stockholm
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 40, 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.



New datasets in the Bolin Centre Database

- Nicole Shibley, Mary-Louise Timmermans, Christian Stranne (2020). Acoustic and in-situ observations of double-diffusive finestructure in the Arctic Ocean, August to September 2016. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/shibley-2020>
- Jannik Martens, Örjan Gustafsson (2020). Bulk organic carbon, isotopes and terrigenous biomarkers for the marine sediment core SWERUS-L2-31-PC1. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/martens-2020>
- Joachim Jansen, Martin Wik, Patrick Crill (2020). Methane bubble fluxes from subarctic lakes on the Stordalen Mire, Abisko, Northern Sweden. Dataset version 3.0. Bolin Centre Database. <https://doi.org/10.17043/stordalen-lakes-ch4-ebul-3>
- Roxana Cremer, Paul Zieger, Johan Ström (2020). Absorption coefficient for urban background air, Stockholm, December 2018. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/cremer-2020-urban-background>
- Roxana Cremer, Paul Zieger, Johan Ström (2020). Size-resolved absorption coefficient of ambient aerosol at Stockholm University, January to February 2019. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/cremer-2020-size-resolved>
- Rachael S. Avery, Sarah L. Greenwood, Frederik Schenk, Björn M. Morén, David I. Armstrong McKay, Lars Brunnberg, Barbara Wohlfarth (2020). Deglacial varve chronology for Skåne-Småland, Sweden. Dataset version 1.0. Bolin Centre Database. <https://doi.org/10.17043/avery-2020>



RA6 member Vivi Vajda receives funding

Prof. Vivi Vajda, Head of Department of Paleobiology, Swedish Museum of Natural History and member of RA6, Bolin Centre, has been granted 28 600 000 SEK from Knut and Alice Wallenberg Foundation for a five-year project titled PlantEra: Biomolecular and structural comparisons of ancient and modern plants – tools for tracing phylogeny and survival strategies during mass extinctions.

Read more on [Swedish Museum of Natural History's web site \(in Swedish\)»](#)

Read pressrelease on [Knut and Alice Wallenberg Foundation»](#)

PhD-day for PhD-students and postdoctoral researchers

The Bolin Centre Climate Research School is organizing a PhD-day on October 22nd exclusively for PhD-students and postdoctoral researchers.

This is an opportunity to meet your colleagues and to practice communicating your work with a presentation or poster - or both.

There will be a Presentation Competition for regular presentations and the best presentations will be awarded the following amount of money for research:

- 1st price: 20 000 SEK
- 2nd price: 10 000 SEK
- 3rd price: 5 000 SEK

Due to the restrictions in gatherings that apply today the format this year will be an onsite-venue as well as a Webinar for those who cannot attend in person.

Apart from the PhD presentations during the day, there will be a healthy, climate smart lunch as well as a dinner to conclude the event.

A final schedule for the event will be sent out soon but before that we need to know how many will attend. So please notify Carmen Prieto (carmen.prieto@natgeo.su.se) of your participation by October 2nd and specify:

- If you would like to participate onsite or by zoom
- If you would like to do a presentation or poster (or both)
- If you will join the dinner
- If you have allergies

Hope to see you all on October 22nd!
Carmen and Otto



A spatial regime shift to stickleback dominance

Large numbers of three-spined stickleback have gradually taken over larger parts of the Baltic Sea's coastal ecosystem, shows a new scientific study. Stickleback is a small prey fish common in aquatic food webs across temperate Europe. The stickleback contributes to local ecosystem 'regime shifts', where young-of-the-year pike and perch decline in individual bays, and these shifts gradually spread like a wave from the outer archipelago into the mainland coast.

Read full article on [Department of Ecology, Environment and Plant Science's web site»](#)

Do you need to reach out to all Bolin Centre members? You can use the email list!

The list has over 400 receivers and is intended to be used for the benefit of the members. You are welcome to send information you think would be of interest to your fellow Bolin Centre colleagues.

It's easy to use, you just email bolincentret-at-su.se@lists.su.se.

There are two minor restrictions:

- you can only send to the list from the very same email address that you once subscribed from when becoming a member (<https://lists.su.se/mailman/listinfo/bolincentret-at-su.se>).
- you must use the BCC field if you would like to send the message to other recipients at the same time as to the Bolin list. Otherwise the email will get caught in spam filters.

Virtual poster exhibition on the Bolin Days

The Bolin Days 2020 will have its traditional poster exhibition. This is the perfect opportunity to communicate your research and to practice making posters for future large research conferences.

For PhD students, there is also a poster competition. This annual competition rewards the three most appreciated posters with research money, set by the attendees votes.

- 1st place: 20 000 SEK
- 2nd place: 10 000 SEK
- 3rd place: 5 000 SEK

A way to enhance your poster is to do a 2-minute PICO presentation, whether you are participating in the competition or not. For this year, all presentations need to be prerecorded.

You can record your presentation at home, with your cellphone or other equipment. For PhD Students who participate in the competition, we offer the opportunity to record your presentation together with Mediaproduktion, a Stockholm University service unit, on November 10. More information and call for posters will be sent shortly.

BOLIN CENTRE EVENTS

October

Time & venue: Oct 20 at 16h00, Zoom
Titel: The interplay of plasticity and evolution in insect responses to variable, changing environments
Speaker: Lauren Buckley, Department of Biology, University of Washington
[Read more on the Bolin web site»](#)

25-26

November

Bolin Days

The Bolin Days will take place in a COVID-19- adjusted format. If you are interested in Climate and the Earth Sciences, you are welcome to join in! More info will follow.

OTHER EVENTS AND INFORMATION

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November

Baltic Sea Days 2020

Time and venue: Nov 4, at 08.00 – 17.00, online
At Stockholm University, marine research is performed by almost 300 researchers across nine different departments. To promote and strengthen the Baltic Sea research at the university, the Baltic Sea Centre arranges the virtual conference Baltic Sea Day. Programme will be published on [Baltic Sea Centre's web site»](#)

10-26

November

Conference EcoChange 2020

Time & venue: 10-26 November
The strategic research programme EcoChange focuses on the effects of climate change on marine ecosystems, particularly in the Baltic Sea. More information [on conference web site»](#)



Arctic Avenue Fall Call 2020

The Arctic Avenue Fall Call 2020 is now open. Application deadline is **October 20, 2020**. [Specific information for the call and application »](#)

Please send the application to the Arctic Avenue Steering Committee by email to [Annika Granebeck](#) and [Kaarina Weckström](#). State *Application for Arctic Avenue funding* in the subject heading.

A call is also planned for spring 2021.
Welcome with your application!

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

Editor: Magnus Atterfors
Foto: Martin Jakobsson, Swedish Museum of Natural History, Ulf Bergström

Stay updated

Find news and upcoming events at bolin.su.se and follow us on [Twitter](#), [Facebook](#) and [YouTube](#).

