

Week 24, 2021

[Click here to read the letter in your browser](#)

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 Arctic Avenue Fall Call 2021 is open

In short:

- Total amount of funding: 70,000 €
- Must have two main applicants, one person from Stockholm University and one from University of Helsinki.
- Easy application process: a project description and a budget, max two A4 pages.
- Deadline October 20, 2021

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

---

### Baltic Breakfast June 18: Increased consumption of seafood from a sustainability perspective

Summer vacation is approaching with a lot of barbecue opportunities. But what should we eat? Will increased consumption of seafood benefit food sustainability and the marine ecosystems? What can science tell us about environmental impact of increased seafood consumption? Are consumers interested in buying sustainable seafood?

Date: June 18, 2021, 8:30-9:15 (local time in Sweden)

The webinar is broadcast on [www.su.se/ostersjocentrum/balticbreakfast](http://www.su.se/ostersjocentrum/balticbreakfast) »

No registration is needed.

---

### Bolin researchers in media

Several Bolin Centre researchers have figured in the media lately:

- [2021-06-08 Frida Bender svarar på klimatfrågor i SVTs Lilla Aktuellt](#)
- [2021-06-08 Michael Tjernström i DN: "Expert om extremvärmen: Visar att det är fara å färde"](#)
- [2021-06-10 Thorsten Mauritsen och Michael Tjernström i DN: "Klimatforskarna](#)

[är överens om det viktiga men inte om allt"](#)

- 
- [2021-06-14 Sonja Murto was interviewed about her upcoming participation in the SAS expedition onboard Oden, on Swedish Polar Research Secretariat's website »](#)

---

## Ledigt jobb på Stockholms universitet som Datakoordinator/Data Steward

Stockholms universitet söker en Datakoordinator/Data steward inom området naturvetenskap, med anställning vid universitetsbiblioteket. Sista ansökningsdag: 2021-06-30.

Den nya data stewarden kommer att arbeta med att utbilda och stödja forskare i deras arbete med forskningsdatahantering. Anställningen kan vara intressant för personer vid Bolincentret som, förutom vetenskaplig ämneskompetens och förståelse för forskningens villkor, har kunskaper inom t.ex. programmering, databaser och implementering av FAIR-principerna för tillgängliggörande av forskningsdata. Eftersom Bolincentrets databas samarbetar med universitetsbiblioteket om hantering av forskningsdata är det möjligt att den nya data stewarden kan komma att samarbeta med Bolincentrets databas.

Bolincentrets databas vill därför uppmuntra intresserade forskare inom centret att söka jobbet eller hjälpa till med att sprida information till andra lämpliga kandidater.

[Läs annonsen på Stockholms universitets webbplats »](#)



### 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.

- Linnea Huusko, Frida Bender, Annica Ekman, Trude Storelvmo, 2021. Climate sensitivity indices and their relation with projected temperature change in CMIP6 models Environmental Research Letters, <https://iopscience.iop.org/article/10.1088/1748-9326/ac0748>
- Väiliranta, M., Marushchak, M.E., Tuovinen, J-P., Lohila, A., Biasi, C., Voigt, C., Zhang, H., Piilo, S., Virtanen, T., Räsänen, A., Kaverin, D., Pastukhov, A., Sannel, A.B.K., Tuittila, E-S., Korhola, A., Martikainen, P.J., 2021. Warming climate forcing impact from a sub-arctic peatland as a result of late Holocene permafrost aggradation and initiation of bare peat surfaces. Quaternary Science Reviews 264, 107022. [doi:10.1016/j.quascirev.2021.107022](https://doi.org/10.1016/j.quascirev.2021.107022)
- Tunved, P., Cremer, R., Zieger, P, and Ström, J. 2021. Using correlations between observed equivalent black carbon and aerosol size distribution to derive size resolved BC mass concentration: a method applied on long-term observations performed at Zeppelin station, Ny-Ålesund, Svalbard. Tellus B: Chemical and Physical Meteorology Volume 73, 2021 - Issue 1. <https://doi.org/10.1080/16000889.2021.1933775>
- Åkesson, H., Morlighem, M., O'Regan, M., & Jakobsson, M. 2021. Future projections of Petermann Glacier under ocean warming depend strongly on friction law. Journal of Geophysical Research: Earth Surface, 126, e2020JF005921. <https://doi.org/10.1029/2020JF005921>
- Zhang, Z., Fluet-Chouinard, E., Jensen, K., McDonald, K., Hugelius, G., Gumbrecht, T., Carroll, M., Prigent, C., Bartsch, A., and Poulter, B., 2021. Development of the global dataset of Wetland Area and Dynamics for Methane Modeling (WAD2M). Earth Syst. Sci. Data: 13, 2001–2023. <https://doi.org/10.5194/essd-13-2001-2021>

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

---

## eScience course for current and prospective PhD students

The course "eScience Tools in Climate Science: Linking Observations with Modelling" will be held in November. Application deadline: 31st of August. There will be funding from the Bolin Centre for students to join the course.

[Read more on Dep't of Environmental Sciences website »](#)

---

## Training course on Hyperspectral Remote Sensing in Svalbard

This autumn, Svalbard Integrated Arctic Earth Observing System (SIOS) offers a training course on how to effectively use hyperspectral remote sensing data acquired from satellites, from airborne campaigns and from the ground, and their associated tools and software in the context of research in Svalbard. The course is intended for scientists, master/Ph.D. students and technicians with no or little experience with hyperspectral remote sensing techniques. The training will be delivered by remote sensing experts from SIOS member institutions, international researchers, and experts from industry.

**Time:** 6 September - 10 September 2021

**Location:** Online (Zoom platform)

**Application deadline:** 30 June

[Read more on SIOS' website »](#)

## 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)
- Annika: 072-148 91 49, [annika.granebeck@su.se](mailto:annika.granebeck@su.se) (Coordination)
- Laila: [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

Foto: Martin Jakobsson, Annika Granebeck

### Stay updated

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

