



Stockholm
University

Bolin Centre for Climate Research

A collaboration between Stockholm University, KTH and SMHI

Week 49, 2019

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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.



COP 25 - "Hope to reach decision makers"

Gustaf Hugelius, associate professor at the Department of Physical Geography, is one of the researchers who participates in the UN Climate Change Conference COP25 in Madrid 2-13 December. Gustaf Hugelius represents the Bolin Centre, which is part of and supports a pavilion that focuses on communicating science about the cryosphere.

"We have brought together experts in various parts of the cryosphere to try to convey what positive effects rapid emission reductions would have. We will have open exhibitions on the various subjects and different theme days with presentations that summarize the research situation and present new findings. Apart from helping with the entire organization, I am responsible for a theme day on permafrost on Thursday, December 5th. I hope we can reach decision makers and provide basic knowledge as well as the very latest research on how climate change affects some of the world's most sensitive systems, such as permafrost, sea ice, glaciers and ice sheets," says Gustaf Hugelius.

To enable the public in Stockholm to take part in climate discussions during the Madrid Conference, the Nordic Council of Ministers, the Nordic Council and the Global Challenge (Global Utmaning) are organizing a [parallel conference](#) in Norrskén House at Birger Jarlsgatan 57 C in Stockholm. From here, visitors will be able to follow debates in Madrid via video link, and take part in climate debates at Norrskén House.



The Bolin Centre Mentoring System

Welcome to sign-up for [the Bolin Centre Mentoring System](#)! Deadline to sign up is tomorrow **Friday December 6**.

[Link to sign-up](#) (mentors and mentees)



Welcome to the RAS-workshop at Tovetorp February 4-5 2019!

We will have two talks by invited speakers and presentations of ongoing research but particularly future plans by members of RA8 with time for feedback and discussion. Here we invite more open-end presentations, rather than result oriented presentations. There will also be discussions (partly in groups) on potential collaborations and synergies between projects and finally an exercise in highlighting the links between climate and biodiversity in time and space based on the ongoing projects within RA8.

Sign up

By replying sara.cousins@natgeo.su.se, by January 8th at the latest. Please also provide a tentative title for your presentation. We also need to know if you have any special food requirements.

The work-shop will start and end with coffee at 10.00 on the 4th and 15.00 on the 5th of February. It will be held at the research station Tovetorp, situated approximately 100 km south of Stockholm.

Invited speakers

- [Professor Pieter de Frenne](#)
- [Dr Toke Thomas Høye](#)

Welcome!

Sara, Johan and Kalle (research area leaders for RA8)



Tiny woodlands are more important than previously thought

Small woodlands in farmland have more benefits for humans per area, compared to large forests according to a new study. The small woodlands, sometimes even smaller than a football field, can easily go unnoticed in agricultural landscapes. Yet, these small forest remnants can store more carbon in the topsoil layer, are more suitable for hunting activities and host fewer ticks than large forests. Contact: alicia.valdes@su.se, sara.cousins@natgeo.su.se, jessica.lindgren@natgeo.su.se.

[Full article»](#)

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

BOLIN CENTRE IN MEDIA



In Swedish | Bolincenter-forskare bemöter klimatskeptiska argument

Är uppvärmningen bra? Får Antarktis mer is? Och kan man verkligen lita på FN:s klimatpanel? [I SVT nyheter online](#) bemöter några av Sveriges främsta klimatexperter 12 klimatskeptiska påståenden.



In Swedish | Vetenskapsradion

"Förändringar som sker i permafrosten och i den frusna marken är oåterkalleliga. När det väl har tinat och isen i marken har försvunnit eller när havsisen eller glaciärerna väl har försvunnit så växer de inte tillbaka på tusentals år eller längre", [lyssna på en intervju](#) med Gustaf Hugelius, Dep. of Physical Geography i Vetenskapsradion.

BOLIN CENTRE SEMINARS AND EVENTS

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In Swedish | Klimatförändringar – allvarligt, men inte hopplöst

Vad styr klimatet? Vad är global uppvärmning och vad blir konsekvenser? Varför protesterar miljontals ungdomar över hela världen? Alasdair Skelton ger svar på dessa frågor samt förklarar varför läget anses vara allvarligt men inte hopplöst.

Föreläsare: Alasdair Skelton, professor vid Stockholms universitet
Tid & plats: 12 december, 10h00-11h00, Aula Magna

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, Annika Granebeck, Sara Cousins, SVT, Vetenskapsradion

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