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**Future Forests**

## Seminar

# Forests, Bioenergy and the Global Climate

<b>Time</b>	Wednesday 22 June, at 10.00–16.30 (registration and coffee from 09.30)
<b>Venue</b>	The Royal Swedish Academy of Agriculture and Forestry, Drottninggatan 95 B, Stockholm.
<b>Registration</b>	No later than 15 June via <a href="#">this link</a> or through our website <a href="http://www.ksla.se">www.ksla.se</a> (cancellations must be made no later than 17 June, or we will invoice SEK 500 to cover costs)
<b>Fee</b>	No fee
<b>Questions</b>	Content: Birgitta Naumburg, <a href="mailto:birgitta.naumburg@ksla.se">Birgitta.naumburg@ksla.se</a> , tel + 46854547707 Registration: Gun Askerö, <a href="mailto:gun.askero@ksla.se">gun.askero@ksla.se</a> , tel + 46854547712
<b>Web</b>	The seminar is broadcast over the internet, link at <a href="http://www.ksla.se">www.ksla.se</a>
<b>Organizer</b>	The interdisciplinary research program Future Forests in collaboration with KSLA

There is a wide consensus in the scientific community that energy systems, which rely on fossil fuels, are unsustainable. Wood-based solutions have been proposed as an alternative and gained wide support. However, disagreement exists among experts as to whether contemporary forest management as a source of wood-based alternatives is indeed sustainable. In February 2016 the journal *Science* published a paper stating that “Europe’s managed forests contribute to warming”, followed by a letter from eminent scientists to ten US senators in which they question the carbon neutrality of forest bioenergy. These publications contradict earlier views that are widely published in scientific literature and cited in, for example, the assessments of the Inter-Governmental Panel of Climate Change (IPCC).

In Europe, forest based biomass used to be generally viewed as sustainable, carbon neutral, and a solution to on-going climate change. The aforementioned recent publications suggest that the role of forestry in climate mitigation is much more limited than stated earlier. Given the importance of woody biomass in the energy production of Sweden and Finland, the new research received much public attention. How can this dispute be understood? Can the dispute be settled or do we need to adopt a new approach and strategy to forest management especially in light of the Paris Climate Agreement?

Welcome!

Carl-Anders Helander  
General Secretary and Managing Director, KSLA

Annika Nordin  
Program Director Future Forests, professor, SLU



**Future Forests**

## Programme

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# Forests, Bioenergy and the Global Climate

Wednesday 22 June 2016

**Moderator** Mats Hannerz, Scientific Editor, Silvinformation

09.30 **Registration and coffee**

10.00 **Welcome**

Carl-Anders Helander, Secretary General KSLA, and  
Mats Hannerz, Scientific Editor, Silvinformation

10.15 **Trends in European forest resources**

Gert Jan Nabuurs, Professor, Wageningen UR, the Netherlands

10.35 **Climate effects of 250 years of forest management over Europe**

Kim Naudts, Researcher, MPI for Meteorology, Hamburg, Germany, and  
Sebastiaan Luyssaert, Researcher, VU Amsterdam, the Netherlands

11.00 **Spatial scales of forest albedo**

Miina Rautiainen, Assistant Professor, Aalto University, Finland

11.20 **Discussion**

12.00 **Lunch**

13.00 **Potential of forest management for future climate mitigation**

Aude Valade, Researcher, IPSL, France

13.15 **Potential of forest product use for future climate mitigation**

Thomas Ledermann, Privatdozent, Austrian Research Centre for Forests, Austria

13.30 **Global warming potential of woodfuels**

Bjart Holtsmark, Researcher, Statistics Norway, Norway

13.50 **Forests and climate change mitigation: Energy system transformation and the 2-degree target**

Göran Berndes, Professor, Chalmers University, Sweden

14.10 **Use or conserve the forest for its climate change mitigation benefits – the core question**

Tomas Lundmark, Professor, Swedish University of Agriculture Sciences, Sweden

14.30 **Upcoming challenge in the context of the Paris agreement**

Pekka Kauppi, Professor, University of Helsinki, Finland

15.00 **Coffee**

15.30 **Panel discussion and closure of the meeting**

16.30 **Mingle, cheese and wine**