



Seminar

Six feet under

The role of soil carbon in tackling climate change

Time	Friday May 24th, at 9.30–15.30 (registration and coffee from 9.00)
Venue	Kungl. Skogs- och Lantbruksakademien, Drottninggatan 95 B, Stockholm, Sweden
Registration	No later than May 17th via this link or through our website www.ksla.se (cancellations must be made no later than May 20th, or we will invoice SEK 500 to cover costs)
Fee	No fee, but registered participants who do not show up will be invoiced (see above)
Questions	Content: Eva Ronquist, eva.ronquist@ksla.se , tel + 46 8 54 54 77 06 Registration: Gun Askerö, gun.askero@ksla.se , tel + 46 8 54 54 77 12
Webb	The conference is webcast and recorded. Link at www.ksla.se This conference is financed by the A.W. Bergsten foundation; LRF (The Federation of Swedish Farmers) and SIANI (Swedish International Agriculture Network Initiative).

Global farmers face an enormous challenge to satisfy a rapidly growing demand for food, feed, fibres and fuels. At the same time the environmental sustainability of production methods is being questioned. Farmers have to simultaneously cut greenhouse gas emissions, nutrient leakages, reduce and replace fossil fuel energy, improve biodiversity and still be profitable enough to be economically sustainable in the long term.

In this open seminar, international and national researchers will share their knowledge and views on how carbon capture by grasslands, perennial crops, growing trees in the agricultural landscape and how new feeding strategies of cattle can contribute to increasing soil fertility, mitigating global climate change and have an overall positive environmental impact. There are different strategies for fixing carbon in soils through changing agricultural practices and this seminar will give some perspectives on how we can optimise carbon capture in agriculture. We will also discuss how to mitigate current emissions and even avoid emissions through looking at our food consumption patterns.

Welcome!

Carl-Anders Helander
General Secretary and Managing
Director, KSLA

Madeleine Fogde
Senior Project Manager
SIANI



Programme

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May 24, 2013

Moderator: Dr. Christel Cederberg, Adj. Professor at Chalmers and SIK, Gothenburg

09.00 **Registration, coffee**

09.30 **Welcome to KSLA and the seminar**

Dr. Carl-Anders Helander, Secretary General, Managing Director, KSLA
Dr. Christel Cederberg, moderator

09.40 **Foodprinting**

Introduction to the seminar

Matthew Fielding, MSc, Project manager, SIANI, Stockholm

10.00 **Return to the roots**

On breeding and growing perennial food crops and their potential for climate mitigation.

Dr. Jerry Glover, US Agency for International Development, USA

10.50 **Coffee break with fruits**

11.00 **Soil as a sink**

On soil carbon sequestration to mitigate climate change: potentials and drawbacks

Professor Keith Goulding, Rothamstead Research, UK

11.50 **Feeding cattle**

On how different feeding strategies for cattle influence greenhouse gases and soil carbon

Dr. Stefan Wirsenius, Chalmers, Göteborg

12.30 **Lunch**

13.30 **Gone with the wind**

On climate mitigation potentials of growing trees in agricultural landscapes.

Dr. Karl-Ivar Kumm, Research group leader, SLU Skara

14.10 **Gone forever?**

On how to feed the world while holding the carbon in forests and soils.

Dr. Peter Holmgren, Director General, CIFOR (Center for International Forestry Research)

15.00 **Seminar wrap-up, followed by coffee**

15.30 **Seminar ends**