



The role of the Royal Swedish Academy of Agriculture and Forestry is, with the support of science and practical experience, to promote agriculture and forestry and related activities, for the benefit of society.

International Symposium as a part of our 200 year celebration

Global Outlook – Future Competition for Land and Water

Time	Tuesday 29 January and Wednesday 30 January, 2013
Venue	Norra Latin, Barnhusgatan 7 B, Stockholm, Sweden
Registration	No later than 21 January via this link or via our website www.ksla.se (cancellations must be made no later than 25 January, or we will invoice SEK 500 to cover costs)
Questions	Programme: Carl-Anders Helander, carl-anders.helander@ksla.se , tel +46 8 54 54 77 02 Registration: Gun Askerö, gun.askero@ksla.se , tel + 46 8 54 54 77 12 <i>This seminar is financed by Knut and Alice Wallenberg's foundation.</i>

Global Outlook!

With an expected world population of 9 billion people in 2050, the global need for Food, Feed, Fibre and Fuel has become a matter of high political concern. In order to satisfy the ever increasing needs of “the four Fs”, there will be a progressively severe competition for limited land and water resources. This will be highlighted from four different perspectives:

Agricultural policies over the past 40 years – three cases

The overarching goal of this session is to draw attention to the political aspects of farming, emphasizing that policies are as important for development and increasing production as are for example good soil conditions. Three cases have been chosen to illustrate different courses of development during the last 40 years: the EU, the US and New Zealand.

Opportunities and challenges for farmers, researchers and business in the agricultural sector

To feed an ever growing global population we will need 70 percent more food by 2050. This we have to achieve from less land, while at the same time reducing our use of resources such as fossil energy, fertilizers and plant protection systems. This session, however, will focus on the farmer's challenge to produce a range of crops, livestock and biomass in the sustainable way that is needed in respect to the generations to come.

Opportunities and challenges in the forestry sector

The growing demand for wood fibre contributes to the pressure on the land resources. Currently, the growing demand is mainly seen in Asia and other growing economic regions of the developing world. In this context, investors are increasingly interested in Africa. In South America and Northern Europe the number of social conflicts is increasing.

From knowing to acting – paths to a sustainable future

To create a sustainable future, scientists, economists, politicians and social scientists will need to work together with practitioners and local communities. Broad collaborations will be needed on the regional as well as the international arena. The concept of planetary boundaries sets the scene, and we need to find new, smarter and more efficient ways to give people better lives within nature's limitations. Research and practical knowledge is the foundation, but it is worth nothing if not put to use.

Welcome!

Carl-Anders Helander

General Secretary and Managing Director, KSLA



Programme

Global Outlook – Future Competition for Land and Water

Tuesday January 29, 2013

Introduction to the symposium by Dr. Kerstin Niblaeus, President of the Royal Swedish Academy of Agriculture and Forestry (KSLA)

Agricultural policies over the past 40 years – three cases, 09.30–12.30

Moderator: Professor Mats Morell, Department of Economic history, Stockholm University, Sweden

- **The EU's Common Agricultural Policy, 1973-2013: A policy reformed, or just more of the same?** Professor Alan Swinbank, University of Reading, United Kingdom
- **Cultivating Conflict and Change: The Contours of U.S. Agricultural Policy** Professor Bill Winders, Georgia Institute of Technology, USA
- **Agricultural Policies in New Zealand - taking advantage of the global knowledge economy** Dr. Philipp Aerni, Swiss Federal Institute of Technology Zurich, Switzerland

Opportunities and challenges for farmers, researchers and business in the agricultural sector, 14.00–17.00

Moderator: Dr. Bo Andersson, vice President, the Royal Swedish Academy of Agriculture and Forestry

- **Global agricultural policy from a farm gate perspective.** Professor Robert Thompson, University of Georgetown, USA
- **New targets for plant breeding and the challenge of sustainable intensification.** Professor John Pickett, Rothamsted Research, United Kingdom
- **The consumer perspective – not just market solutions.** EU Parliamentarian Marit Paulsen, Sweden
- **A farmer's perspective.** Elisabeth Gauffin, Dairy farmer, Chairman of KRAV (the Swedish member organization of IFOAM, the International Federation of Organic Agriculture Movements), Sweden

Wednesday January 30, 2013

Opportunities and challenges in the forestry sector, 09.30–12.30

Moderator: Dr. Björn Lundgren, Chairman of the Committee for International Forestry Issues, KSLA

- **A global overview: Is there enough land for food, fibre and fuel?** Professor Sten Nilsson, CEO, Forest Sector Insights AB, Sweden
- **Future development in Africa.** Professor August Temu, Deputy Director General, World Agroforestry Centre, Nairobi, Kenya
- **Future development in China.** Professor Xu Jintao, Natural Resource Economics, Department of Environmental Sciences, Peking University, China
- **Tenure and land use issues in industrial forestry: South America and the Nordic countries.** Professor Jan Erik Nylund, Swedish University of Agricultural Sciences, Uppsala, Sweden

From knowing to acting – paths to a sustainable future, 14.00–17.00

Moderator: Executive Director Johan Kuylenstierna, Stockholm Environment Institute, Sweden

- **Key-note address Creating a Sustainable Future: How to get more out of less on this only one earth.** H.E. Dr. Jacques Diouf, Minister and Special Adviser of the President of the Republic, Senegal
- **Inspired by nature: How science and knowledge of nature's own materials, methods and mechanisms can give us a sustainable future.** Professor Paul Alan Cox, Director, Institute of Ethnomedicine, Wyoming, USA
- **Knowing but not doing. Why changing is so hard even with abundant knowledge.** Professor Susan Baker, Cardiff University, United Kingdom

Each session ends with a panel discussion.