

Workshop schedule: Landscape management and design for food, bioenergy and the bioeconomy: methodology and governance aspects

Tuesday 15 March:

At Chalmers Conference Centre in “Scania Hall” [Chalmers Platsen 1](#)

10.00-10.30 Registration, coffee/tea and mingle

10.30-11.15 Introduction, presentation of organizers and expected outcomes

Moderators for morning sessions: Göran Berndes, Chalmers University of Technology and Madelene Ostwald, Centre for Environment and Sustainability, GMV

11.15-12.15 Keynote presentations:

A landscape design approach to assess effects of bioenergy on ecosystem and social services

Virginia H. Dale, Centre for Bioenergy Sustainability, Environmental Science Division, Oak Ridge National Laboratory, Tennessee USA

Landscape Approach for Green India Mission under National Action Plan on Climate Change and INDC

N.H. Ravindranath, Indian Institute of Science, Bangalore, India

12.15-13.15 Lunch

13.15-15.25 Session 1a: Methodology aspects

Moderator: Inge Stupak, University of Copenhagen

Methodology aspects Integrating bio-diversity effects in the whole system analysis when optimizing land use for the bio-economy / Goetz M Richter, Rothamsted Research, UK

Challenges surrounding the reference situation in land use impact assessments / Maria Nordborg, Chalmers

Short-term effects of whole-tree harvesting on understory plant species diversity and cover in two Norway spruce sites in southern Norway / Nicholas Clarke, Norwegian Institute of Bioeconomy Research

Short break (5-10 min)

What is good about multifunctional landscapes in terms of food production and security? / Eskil Mattsson, University of Gothenburg and Gert Nyberg, Swedish University of Agricultural Sciences and Luleå University of Technology

An approach for assessing landscape changes, their drivers, and their impact to society and environment / Mats Sandewall, Swedish University of Agricultural Sciences

Methods and Concepts for Mapping and Analysing Ecosystem Services in Landscapes: a systematic review / Oskar Englund, Chalmers

15.25 - 15.40 Break for refreshments

15.40 - 16.40 Session 1b: Break out groups – Methods

Discussions led by facilitators and documented by rapporteurs

16.40-17.00 Reporting back from groups, summing up day one

Moderator: Christel Cederberg, Chalmers University of Technology

Wednesday 16 March:

At “OOTO” in room XL (new gold colored building) [Sven Hultins Plats 1](#)

8.30-11.00 Session 2a: Governance aspects

Moderator: Nicholas Clarke, Norwegian Institute of Bioeconomy Research, NIBIO

The Bio-Energy Allocation and Scenario Tool (BEAST) - an assessment framework to support regional governance of climate protection goals and sustainable land management- Case study results from the Göttingen district, Germany / Gerald Busch, Bureau for Applied Landscape Ecology and Scenario Analysis – BALS, Germany

Multifunctionality of a conservation landscape in Northern Vietnam / Do Trong Hoan, World Agroforestry Centre, Vietnam

Sustainability standards: a call for reason / Keith L. Kline, Oak Ridge National Laboratory, USA

9.40-10.00 Break for refreshments

Landscape management by choosing the optimal land slots for SRC plantations: a fuzzy analytical hierarchical process approach / Biljana Kulisic, Energy Institute Hrvoje Pozar, Zagreb, Croatia

Multi-objective analyses for the guidance of forest landscape management. Concepts and examples using the Heureka analysis and planning system / Tomas Lämås, Swedish University of Agricultural Sciences

Enclosing the Commons: Reasons for the adoption of enclosures in the arid and semi-arid rangelands of Chepareria, Kenya / Stephen M. Mureithi, University of Nairobi, Kenya

11.00-12.30 Session 2b: Break out groups – Governance

Discussions led by facilitators and documented by rapporteurs

12.30-13.30 Lunch

13.30-15.00 Reporting back from groups, plenary and identifying the way forward

Moderators: Göran Berndes, Chalmers University of Technology and Madelene Ostwald, Centre for Environment and Sustainability, GMV

Visit www.focali.se for more information about the workshop aim, expected outcome, maps to venues etc. Registration will close March 9 at 9 AM or at 65 participants. Register to: eskil.mattsson@chalmers.se

Organizers:

The workshop is organized in cooperation with the Global Bioenergy Partnership GBEP AG6 “Bioenergy and Water” by the following organizations:

- [IEA Bioenergy Task 43 - Biomass Feedstocks for Energy Markets](#)
- [Agriculture for Food Security programme, AgriFoSe](#)
- NKJ-SNS Network “Effects of bioenergy production from forests and agriculture on ecosystem services in Nordic and Baltic landscapes”
- [Focali](#), The Forest, Climate, and Livelihood research network - [SIANI](#), The Swedish International Agricultural Network Initiative, joint theme [Forests Landscapes and Food Security](#)
- [Chalmers Energy Area of Advance: Energy in a Circular Economy](#)
- [Royal Swedish Academy of Agriculture and Forestry](#), Energy Committee
- Centre of Advanced Research on Environmental Services from Nordic Forest Ecosystems, [CAR-ES](#)

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