



The trade-offs between forest use, climate mitigation and society 12.6.2018, symposium in 5th European Congress of Conservation Biology, Jyväskylä, Finland.

The Paris Agreement calls for urgent and effective measures for reducing greenhouse gas (GHG) emissions and strengthening carbon sinks. Currently, increasing forest and land carbon stocks are the most cost-efficient and feasible carbon dioxide removal measures to generate the negative emissions required. Scenarios striving for the objectives of Paris Agreement show, however, considerable increase in use of biomass based bioenergy. In this symposium, we seek solutions for the trade-offs between simultaneous increased forest and land carbon stocks and increased biomass harvest for energy and materials through scientific presentations and panel discussion.

Time: Tuesday, 12.6.2018, 11.00 – 17.00

Place: Jyväskylä, Paviljonki, Lutakonaukio 12, Main auditorium, A1 Wilhelm

Registration: FREE for the ECCB participants.

Others <https://elomake.helsinki.fi/lomakkeet/89238/lomake.html>, 20 EUR/person, payment at Paviljonki Congress Registration Desk before the symposium. Registration cost includes possibility to attend the symposium, two conference plenary lectures, and refreshments.

Congress Opening Plenaries:

8.30 – 9.30 Cristiana Pasca Palmer, Executive Secretary of the Convention of Biological Diversity (CBD)

9.30 - 10.30 Anne Larigauderie, Executive Secretary of the Inter-governmental Science-Policy Platform for Biodiversity and Ecosystem Services (IPBES)

10.30 – 11.00 Coffee

Symposium Program: Chairs Dr. Tuomo Kalliokoski, University of Helsinki and Dr. Sampo Soimakallio, Finnish Environmental Institute

Opening Dr. Tuomo Kalliokoski

11.00 - 11.30 Global Bioenergy potential, forests, wood products. Dr. Thomas Kastner, Senckenberg Biodiversity and Climate Research Centre

11.30 - 11.45 LULUCF regulation. Prof. Raisa Mäkipää, Natural Resources Institute Finland

11.45 - 12.15 Substitutions, what can wood products substitute, how much do they lower the emissions. Prof. Bart Muys, KU Leuven University

12.15 – 12.30 RCP scenarios and forest carbon. Dr. Mikko Peltoniemi, Natural Resources Institute Finland

12.30 – 12.45 Old Growth Forests and scenario modelling. Prof. Annikki Mäkelä, University of Helsinki

12.45- 13.00 Discussion

13.00 – 14.30 Lunch break

Opening Dr. Sampo Soimakallio

14.30 – 15.00 The Paris agreement promises? How to stay below 1.5-2 C warming, and what does it mean in the context of sinks and sources/Global bioenergy potential. Prof. Felix Creutzig, Mercator Research Institute

15.00 - 15.30 Natural Climate Solutions. What are the natural sinks, what capacity they offer, how they can be maximized? Director Bronson Griscom, The Nature Conservancy

15.30 - 17.00 Panel discussion, moderator Academy professor Timo Vesala, University of Helsinki

Participants: Hanna Aho, Climate campaigner, Fern

Felix Creutzig, Professor, Mercator Research Institute

Heikki Granholm, Civil Officer, Ministry of Agriculture and Forestry

Bronson Griscom, Director, The Nature Conservancy,

Ilkka Herlin, Chairman Cargotec

Matti Kahra, Leading specialist, The Finnish Innovation Fund Sitra

Mauri Pekkarinen, Member of Finnish Parliament

17.00 – 18.00 Coffee and the possibility to participate congress poster sessions

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