

Universities in Helsinki, Finland



HELSINKI SUMMER SCHOOL spells high quality academics combined with a wide range of cultural and social activities. Our multidisciplinary courses, all taught in English, aim at stimulating thought and intellectual development in an open and diverse environment. A city known for its design, technology and vibrant cultural life, Helsinki is sure to be the experience of a lifetime.



HELSINKI SUMMER SCHOOL

August 9 to 25

2011

Thinking Allowed



www.helsinki summerschool.fi
summer-school@helsinki.fi

Organizer



UNIVERSITY OF HELSINKI

DESIGNING SUSTAINABLE FOREST LANDSCAPES

6 ECTS

DESIGNING SUSTAINABLE FOREST LANDSCAPES: REDD+, INDUSTRIAL FORESTRY, AND FOOD SECURITY

6 ECTS

AUGUST 9 TO 25

The use of forest resources is becoming more globalised while the demands to safeguard remaining natural forests to satisfy aesthetic, non economic and economic needs are building up. The effects of climate change, the recovery of degraded forest soils, the management of environmental services as well as the pursuit of the economic and non economic goals of forest dependent communities worldwide – all these phenomena call for integrated and multidisciplinary research approaches.

The current issues in sustainable forest resource management emphasize the importance of the effects and interactions between humans and forest ecosystems. The integration of these dynamics is essential to facilitate the creation of a multi-stakeholder system that simultaneously preserves natural forests for the

mankind, guarantees environmental services for societies as well as secures a sustainable supply of wood and non-wood forest resources to the forest sector dependent communities worldwide.

In this respect, natural forest and forest plantation resources have become an important part of the global natural resource puzzle. As a result, the adaptation and flexibility of management schemes are needed in order to reach efficient community forestry systems as well as cost effective forest plantations which produce simultaneously sustainable ecosystems services as well as livelihood improvement and food supply for the local communities. That in mind, this intensive course focuses on the opportunities and threats of international carbon binding forestry and analyses drivers of deforestation, in particular, the effects of agriculture expansion.

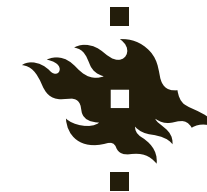
The course has three main themes:

- Biological production and its modelling
- The landscape design and management of forest ecosystems
- The valuation of products and services

The objective of the course is to analyze the opportunities and challenges of developing a common forest strategy for adapting to and mitigating the effects of climate change. The course provides the tools and methods for understanding the importance of a multidisciplinary approach for the sustainable management of natural and man-made forest ecosystems under the United Nations Framework Convention on Climate Change (UNFCCC).

For additional information, please direct any questions concerning the content of this course to the Coordinator, Ms. Gabriela Albarracín, gabriela.albarracin@helsinki.fi.

Any concerns about the general arrangements (accommodation, scholarship, etc.) should be addressed to the Summer School's office at summer-school@helsinki.fi.



UNIVERSITY OF HELSINKI

University of Helsinki
Faculty of Agriculture and Forestry
Department of Forest Sciences