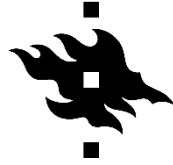


**HELSINKI
SUMMER
SCHOOL**



UNIVERSITY OF HELSINKI
FACULTY OF AGRICULTURE AND FORESTRY



VITRI

*Managing Sustainable
Forest Landscapes*

2018

INFO BOOKLET

PART ONE: **The Summer Course**

IMPORTANT NOTE:

This is a 6 ECTS-credit course. Therefore, course participants are expected to take part in course work, *i.e.* pre-exam, fieldtrips, active involvement in the lectures, group work and public seminar.

The organizer reserves the right to change the speakers and/or modify the content of the course programme without prior notice.

Learning objectives:

The objective of this intensive course is to provide tools and methods to analyse and identify opportunities for managing forested landscapes for multiple benefits, while maintaining their functioning and resilience.

Components of the course:

1. a pre-course examination
2. lectures and reflection exercises on the lectures (a blog)
3. excursions/field trips
4. group work
5. public seminar

How the grades are formed:

- a. Pre-exam: 20% of final score
- b. Reflection exercise (blog): 40% of final score
- c. Group report and presentation: 40% of final score
- d. Excursion to Finnish institutions: no effect on final score
- e. Exercises: no effect on final score

Grading scale:

5 = excellent

4 = very good

3 = good

2 = average

1 = poor

0 = fail

Additional information:

- a. All assignments listed on the course requirements are compulsory for all students. In order to pass the course, receive the ECTS and the final diploma, students must successfully complete all assignments and activities;
- b. If students miss a class, they must write an essay on the same subject for every missed lecture, exercise session or institutional visit. This written essay consists of one full A4 page (12-size font, 1.5 space, Times New Roman, about 600 words).

Course Programme by topics, 7–23 August

Tuesday 7 – Friday 10, August

Main Campus of the University of Helsinki

- **Helsinki Summer School Reception open for registration**
- **Opening Ceremony**
- **Introductory session: Course outline and field trip arrangements**

Field excursion: Hyytiälä

- **Landscape management, introduction to the theme of the course**
- **Visit to logging site (if weather is good)**
- **Travel to Hyytiälä Forestry Field Station**
- **Forest ecosystem – atmosphere interactions**
- **Recreational and economical ecosystem services and the public right of access in Finland**
- **Helvetinjärvi National Park**
- **Finnish forest industries, field site visit**
- **Social programme and dinner – sauna and barbeque**

Monday 13 - Friday 17, August

*Room 332 (3rd floor, B-building)
Latokartanonkaari 7, Viikki, Helsinki.*

- **Ecosystem services and climate change**
- **Biodiversity functioning as a foundation for ecosystem services**
- **Information on the M.Sc. program in Forestry at University of Helsinki**
- **Valuation of ecosystem services**
- **Forest plantations – global perspectives**
- **Remote sensing in forest management**
- **Sustainability in international forestry**
- **Forest carbon**
- **CarboSCEN workshop**

Monday 20 – Thursday 23, August

Room 332 (3rd floor, B-building)

Latokartanonkaari 7, Viikki, Helsinki.

- **Risk and vulnerability in climate context**
- **Participatory Approaches in Sustainable Landscape Management**
- **CRISTAL workshop**
- **Public seminar**
- **Group work presentations and discussions**
- **Evaluation of group work and course assignments**

PART TWO: VITRI

VITRI mission

To promote ecologically, socially and economically sustainable use and management of tropical forests and natural resources through research, training, and development cooperation.



37 years of experience in
tropical research, education
and development

VITRI strengths

VITRI is an institute within the University of Helsinki and the Department of Forest Sciences. VITRI has 37 years of **experience** (since 1980) in teaching, research and development work in tropical resource management. **Diversity** is a strength for VITRI: researchers represent 10 different nationalities, and they have diverse professional competencies and multidisciplinary research interests. During its active history, VITRI has established strong contacts and institutional **partners** at the international and national level:

National:

Brazil	Mozambique
Cambodia	South Africa
China	Sudan
Costa Rica	South Sudan
Ethiopia	Sweden
Indonesia	Tanzania
Kenya	Thailand
Lao PDR	Uruguay

International:

CATIE
CIFOR
ETFRN
ICRAF
IUFRO
RECOFTC
WWF

VITRI activities

Education

- International M.Sc. courses
- M.Sc. and Ph.D. students
- Student mobility programs:
 - Erasmus, Atlantis, CIMO
- Education networks:
 - GIFN, NOVA

Research

- Joint research projects with partners and international research organizations: e.g. CIFOR, ICRAF
 - Funding primarily from EU, Academy of Finland
- Research networks: e.g. IUFRO, ETRN

Development & Societal influence

- Partner in development cooperation projects
- Training & capacity building
- Experts in international policy arenas and processes:
 - UNFCCC, IPCC, EU

VITRI research

VITRI research activities have produced nearly

53 Ph.D. & 100 M.Sc. degrees:

Ph.D. topics:

Agroforestry	Genetics
Community Forestry	Plantation Forestry
Culture & Society	Policy & Resources
Ecology	Restoration
Economics	Tropical Silviculture
Ecophysiology	

Completed Ph.D. study locations and (no. of women):

Africa	22 (4)
Asia	24 (7)
Latin America	2 (1)

Examples of VITRI projects:

- Rehabilitation and restoration of degraded lands, particularly in African drylands
- Tropical agroforestry and plantation forestry
- Community-based management of forests and trees with emphasis on women as managers
- Forests and climate change mitigation [REDD+] and ecosystem-based adaptation
- Development cooperation and capacity building projects, including higher education

The expertise of VITRI:

VITRI

Natural Resources

- Restoration & rehabilitation
- Biodiversity
- Silviculture
- Plantations
- Soils & water

Forests and trees in farms

- Small holder & community forestry
- Forest enterprises
- Agroforestry
- Bioenergy

Forests and landscapes

- Ecosystem services in landscapes
- REDD+ and adaptation policies
- Watersheds

Climate Change

Adaptation
Mitigation

Management

Sustainability
Livelihoods

Governance

Policies
Tenure

Gender

Participation
Equity



UNIVERSITY OF HELSINKI

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