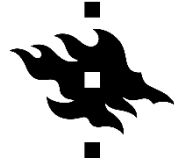


**HELSINKI  
SUMMER  
SCHOOL**



**UNIVERSITY OF HELSINKI**  
**FACULTY OF AGRICULTURE AND FORESTRY**



**VITRI**

*Managing Sustainable  
Forest Landscapes*

2017

**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 learning tools and methods to analyze and identify opportunities for and threats to forest landscapes, which raise multiple expectations and perform a range of functions.

#### **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, 8–24 August**

## **Tuesday 8 – Sunday 13, August**

*Main Campus of the University of Helsinki*

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

## **Field excursion: Hyytiälä**

- **Landscape management, introduction to the theme of the course**
- **Travel to Hyytiälä Forestry Field Station, 237 km, 3 hour bus drive and a visit to a field site**
- **Forest ecosystem – atmosphere interactions**
- **Recreational and economical ecosystem services and the public right of access in Finland**
- **Helvetinjärvi National Park**
- **Finnish forest industries**
- **Social programme and dinner – sauna and barbeque**

## **Monday 21 - Friday 18, 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**
- **Optimization, simulation and forest management**
- **Finnish technologies workshop**
- **Forest carbon and REDD+**

## **Monday 21 – Thursday 24, 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.



35 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 35 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

Community Forestry

Culture & Society

Ecology

Economics

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

### CONTACT DETAILS:

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