

Faculty of Forestry, Kasetsart University

No \_\_\_\_\_/.....

Place, Date \_\_\_\_/\_\_\_\_/\_\_\_\_

## Course Syllabus

### 1 Program

Title of the study programme: *Master of Science Program in Forestry*

### 2 Course details

Course name: *Social Aspects for Sustainable Forest Management in the Tropics*

Course code: 01349512

Number of credits (hours/week): *3(3-0-6)*

Course type (tick the appropriate box):  Required,  Elective,  Other, if other please explain:

Prerequisites courses: *none*

Semester, in which the course is taught: *tick the appropriate box below*

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 3 Responsible unit

#### 3.1 Department of Forest Management, KUFF

Names and affiliations of lecturer(s):

Asst. Prof. Rachanee Pothitan, Dept. of Forest Management

Asst. Prof. Nittaya Mianmit, Dept. of Forest Management

Asst. Prof. Wirongrong Duangjai, Dept. of Silviculture

## 4 Course description

Tropical forests have a critical role in supporting ecosystems such as biodiversity, storing carbon, regulating the water cycle, and having an essential role in human well-being. However, tropical forests have rapidly decreased, especially in Southeast Asian countries—the causes are land use changes from forest to agriculture, overuse of forest products, etc. So forest management needs to do with sustainability. The three pillars of sustainable forest management (SFM) are the environment, economy, and society. Still, social aspects need to be more aware, not only in forest sectors but also in the curriculum of master's degree in Forestry. Therefore, this subject initiates students to understand social aspects and apply them to forest management.

The course focuses on the social aspects of SFM in the tropics. More specifically, topics on people participation, forest tenure, institution, gender, and forest governance. The course aims to critically study and apply social forestry techniques to assess social aspects. Case study and field trip is required.

## 5 Course objectives

### 5.1 Learning objectives of particular modules

*At the end of the course, students are able to...*

- 1) Explain the concept and principles of social aspects related to sustainable forest management (SFM)*
- 2) Select tools and techniques for assessing the social indicators related to SFM*
- 3) Understand social aspects (gender, governance, etc.) and Analyze them in case*

*study*

## 6 Course teaching methods

*Project-based learning (visit site of case study with field trip), lecture, assignment, discussion, the group work, presentation*

## 7 Teaching plan

*Specify the teaching plan for each week of the course, including the methods used to relay information to the students and the number of hours spent on the subjects*



Week	Content	Method/activity	Hours
1	Sustainability and sustainable forest management - components of sustainability and Sustainable Development Goals: SDGs - definitions and approaches of SFM	- Lecture and Discussion	3
2	Sustainability and sustainable forest management - Concept and principle of SFM - Overview of criteria and indicators of SFM	- Lecture and Discussion	3
3	The role of SFM on climate change - Situation of climate change - SFM and climate change	- Lecture - VDO Clip - Discussion	3
4	Social issue of forest management in Thailand and neighbouring countries - The relationship between people and forests - Concept and principle of social forestry - Problems and challenges	- Lecture - VDO Clip - Brainstorming - Problem analysis - Discussion	3
5	People participation in forest management - Concept and principle of people participation - Level of participation - Participatory forest management	- Lecture - VDO Clip - Role play - Discussion	3
6	Forest tenure and institutional aspects - Concept and principle - Role of forest tenure and institutional aspects in forest management	- Lecture - VDO Clip - Discussion	3
7	Gender aspect and social equity in Forestry		3
8	Forest Governance and basics of Forest Policy	- Lecture - Board game - Discussion	3
9	Social Assessment for sustainable forest management - criteria and indicators for assessment - Process of assessment	- Lecture - Exercises and practice - Discussion	3

Week	Content	Method/activity	Hours
10	Social Assessment for sustainable forest management - Tools and techniques for assessment	- Lecture - Excercies and practice - Discussion	3
11	Social Assessment for sustainable forest management - Tools and techniques for assessment	- Lecture - Excercies and practice - Discussion	3
	<i>Field trip (Saturday and Sunday)</i>	Project based	3
12	Case study analysis	Project based practice	3
13	Case study analysis	Project based practice	3
14	Case study analysis	Project based practice	3
15	Presentation	Presentation and discussion	3

## 8 Material needs

### 8.1 Course equipment: *link to equipment needs/purchases as part of the project*

Powerpoint presentation, Camerra 360, video-audio materials, electronics media, documents for reading.

## 9 References

### 9.1 Compulsory reading list

FAO. 2015. Criteria and Indicators - for sustainable forest management. Retrieved from <https://www.fao.org/forestry/ci/16609/en/>

FAO. 2021. Sustainable forest management. Retrieved from <https://www.fao.org/sustainable-forests-management/en/>

UNFCCC. 2019. Methods and approaches for assessing adaptation, adaptation co-benefits and resilience. Workshop report by secretariat. Advance version FCCC/SB/2019/1 In: UNFCCC [online]. Bonn. [Cited 13 September 2019].

Mendoza, A. G., and R. Prabhu. 2003. Qualitative multi-criteria approaches to assessing indicators of sustainable forest resource management. *Forest Ecology and Management*, 174(1), 329 -343.

Patti, M., X. Zhang, and R. Triraganon. 2011. Natural resource governance trainer' manual. IUCN, RECOFTC, SNV, Bangkok, Thailand.

Gilmour, D.A. 2016. Forty years of community-based forestry: A review of its extent and effectiveness. FAO Forestry Paper 176, Rome.

## 9.2 Suggested reading list

Academic Journals for reading to be assigned during the class.

## 10 Assessment of students

### 10.1 Description of assessment

- Exercise/assignment (individual working)	30%
- Case study analysis and presentation (group working)	40%
- Examination	30%
Total	100%

### 10.2 Grade distribution and student assessment

Grading scale

Grade		Total score	Scale
Symbol	Verbal grade		
A	Excellent	100	80-100%
B+	Very good	100	75-79%
B	Good	100	70-74%
C+	Almost good	100	65-69%
C	Fair	100	60-64%
D+	Almost fair	100	55-59%
D	Poor	100	50-54%
F	Failed	100	<50%

Place, Date ...../...../.....