

Module Code	19349036	Course Term	Autumn Semester
Course Subject Name	Forest Management		
Course Tutor	Tamao Kasahara		WED-2 Wednesday, 2nd period (10:30-12:00)
Credit	2	Course Term	
Schools	School of Agriculture		
Taught Year	The 3rd year		
Campus	Ito campus		
Subject Area	Forest Science		
Course Subject Classification	Specialized Subject		
Course Requirements			
Course Requirement (Pre-requisite)	Knowledge of basic statistics		
Course Outline			
This course provides lectures and field trips to learn basic ideas and theories related to forest management, forest conservation and forest policy.			
key words			
Sustainable Forest Management, Forest Conservation, Forest Policy			
Study Objectives (General)			
The overall objective is to gain a better understanding of issues related to forest management in global environment. Although the examples introduced in the course are mainly from forest management in Japan, the theories and ideas can be applied to different forest environments. For managing forest appropriately, it is important to understand the conditions of forest resources, and apply forest management plans that manage the resources sustainably. The plan of erosion control and understanding hazardous earth processes is essential for forest conservation. Policies about forest environmental conservation and rural development, and promotion of forest products industry are important in the face of social problems related to forest management and to further appreciate forest multiple functions.			
Study Objectives (Specific)			
Specific Goals:			
A. Students can explain basic theory of forest sustainable management.			
B. Students can understand methods for forest planning.			
C. Students can understand erosion control and hazardous earth processes related to forest conservation.			
D. Students can understand forest policy measures and rural development.			
F. Students can survey FAO statistics and introduce forest issues of their countries.			
Course Plan			
Course Plan:			
1. Introduction of the course and forests environments			
2. What is sustainable forest management (SFM)?			
3. Forest management planning			
4. Forest resource monitoring and assessment			
5. Erosion control in coastal forests			
6. Hillside forest conservation and revegetation works			
7. Erosion control and hazardous earth processes related to forest conservation			
8. Forest resources and trade structure of forest products by FAO statistics			
9. Forest policy and forest law for SFM			
10. Collaborative forest management and land tenure			
11. Visiting forest managers at the university's research forest			
Course Approaches			
Textbooks			
There is no textbook. All learning materials will be provided by the instructor.			
Reference Books			
1.T. Fujimori(2001): Ecological and Silvicultural Strategies for Sustainable Forest Management			
2.Klaus Von Gadow (2000):Sustainable Forest Management (Managing Forest Ecosystems)			
3.David Pimentel Edit.(2009):World Soil Erosion and Conservation (Cambridge Studies in Applied Ecology and Resource Management)			
4.Donald H. Gray(1996):Biotechnical and Soil Bioengineering Slope Stabilization: A Practical Guide for Erosion Control			
5.Constance McDermo etl.(2010):Global Environmental Forest Policies: An International Comparison			
6:Forestry Agency, Ministry of Agriculture, Forestry and Fisheries, Japan(2010): Annual Report on Forest and Forestry in Japan			
Study consultation (office hour)			
Office: Kasahara - Fukuoka Research Forest			
Office Hours: 16.30-17.30			
Email: syoshida@agr.kyushu-u.ac.jp, kubot@agr.kyushu-u.ac.jp, sato.noriko.842@m.kyushu-u.ac.jp, mizoue@agr.kyushu-u.ac.jp, kerria-a@agr.kyushu-u.ac.jp, tamao.kasahara@forest.kyushu-u.ac.jp, mizuno.hideaki.ft@agr.kyushu-u.ac.jp, takaf217@agr.kyushu-u.ac.jp			
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Exams/Results Evaluation Method			
1. In-class activities (30%)			
2. Homework & Reports (40%)			
3. Presentation (30%)			
Others			

