

KSH 221 Policy, Legislation and Institution of Forestry and Conservation

Credit	:	2(2-0)
Semester	:	3 (odd)
Course format	:	Classroom lectures, individual and group assignments. 100 minutes per week. 15 weeks
Pre-requisite	:	-
Lecturers	:	Mr. Haryanto R. Putro, MS (Course coordinator) Prof. Dr. Sambas Basuni, MS Dr. Rinekso Soekmadi, MSc.F.

Course Description

This course describes policies, legislation and institutions related to the field of forestry and conservation.

Course Objectives

This course is design to provide students with understanding of policies, legislation and institutions related to the field of forestry and conservation

Learning Outcomes

1. General learning outcomes

Upon successful completion of this course the students will be able to:

- a. Explain role and function of human beings on natural resources and environment
- b. Explain and apply ethical values and principles on natural resources and environment.
- c. Explain and analyze government policies and rule of the game in natural resources conservation, including relevant international conventions
- d. Explain and evaluate natural resources and environmental institutions (local, national and international).

Structure of Course Delivery

1. Classroom lectures.
2. Individual and group assignments.

Major References

1. de Klemm, Cyrille. 1993. Biological Diversity Conservation and the Law: *Legal Mechanism for Conserving Species and Ecosystem*. Environmental Policy and Law Paper No. 29. IUCN-The World Conservation Union, Gland-Switzerland.
2. Soehartono, T. dan Mardiasuti, A. 2003. Pelaksanaan Konvensi CITES di Indonesia. JICA
3. Aliadi, A., Kismadi, B. C. dan Munggoro, D. W (Eds). 2000. Berbagi Pengalaman: Pengelolaan Sumberdaya Alam Berbasis Masyarakat. Pustaka Latin.
4. Ascher, W. 1999. Why Governments Waste Natural Resources: *Policy Failures in Developing Countries*. The Johns Hopkins University Press, Baltimore.
5. Brandon, K., Redford, K. H. and Sanderson, S. E. (Eds). 1998. Parks in Peril: *People, Politics, and Protected Areas*. The Nature Conservancy. Island Press, Washington DC.
6. Undang-Undang RI: 5/90, 9/90, 24/92, 5/94, 6/94, 23/97, 22/99, 25/99, 41/99; PERPU 1/2004
7. Peraturan Pemerintah RI: 28/85, 18/94, 68/98, 7/99, 8/99
8. BAPPENAS. 2003. Indonesian Biodiversity Strategy and Action Plan.
9. Hardjosumantri, K. 1991. Hukum Perlindungan Lingkungan: Konservasi Sumberdaya Alam Hayati dan Ekosistemnya. Gajah Mada Press, Yogyakarta.

Teaching Material Support

The choice of media and type of technology use include:

1. Face-to-face contact.
2. Computer
3. Projector Infocus

Course Outline

Topics	Sub-topics	Bloom's Taxonomy	Week
Introduction	<ol style="list-style-type: none">1. Meaning and definition2. Importance of ethics and policies in natural resources and environmental conservation3. Relationship with other courses4. Lecture conduct	C1	1
Principle of natural resources management	<ol style="list-style-type: none">1. National motivation for natural resources conservation2. International consensus in natural resources conservation	C1	2

Topics	Sub-topics	Bloom's Taxonomy	Week
sovereignty			
Value and ethic in natural resources conservation	<ol style="list-style-type: none"> 1. Conservation values and ethics in life 2. Traditional values in natural resources conservation 3. Natural resources values as nation bond 4. Natural resources values for international communities 	C1, C2	3 & 4
Conventions and international ethics on natural resources and environmental conservation	<ol style="list-style-type: none"> 1. Meaning of international convention and ethics 2. Several international conventions and their implications on natural resources and environmental conservation: <ol style="list-style-type: none"> a. RAMSAR b. CITES c. Migratory species d. CBD e. GCC-Kyoto Protocol f. GMO-Cartagena Protocol 	C1, C2	5 & 6
National policy on natural resources and environmental conservation	<ol style="list-style-type: none"> 1. National Conservation Plan 1995 2. IBSAP (Indonesian Biodiversity Strategy and Action Plan) 	C1, C2	7 & 8
Regulations on natural resources and environmental conservation	<ol style="list-style-type: none"> 1. History of Indonesia's policies and regulations on conservation 2. Regulations on natural resources and environmental conservation, their implications and applications: <ol style="list-style-type: none"> a. Act no.41/1999 and Act no. 6/1967 b. Act no. 23/1997 and Act no. 4/1982 c. Act no. 5/1990 and Act no. 9/1990 d. Act no. 5/1994 and Act no. 6/1994 e. Government Regulations No. 28/1985, No. 68/1998, No. 18/1994, No. 7 and 8/1999 f. PERPPUU 1/2004 	C1	9, 10 & 11
Convention on International Trade of Endangered Species of Flora and Fauna	<ol style="list-style-type: none"> 1. History of CITES 2. Convention highlights 3. Implications for violation of convention 	C1, C2	12
Convention on Biodiversity and Global Climate Change	<ol style="list-style-type: none"> 1. Background of CBD and GCC 2. Convention highlights 3. Bio-Right 4. Carbon Trade 5. Implication 	C1, C2	13 & 14
Capita Selecta	<ol style="list-style-type: none"> 1. National policy on natural resources and environmental conservation 2. Law enforcement in applying the conservation of natural resources and environmental regulations in Indonesia 3. PES (Payment for Environmental Services) 	C1, C2, C3, C4	15

Potential Course Overlap

There will be some overlap of topics from course Protected Areas Management (KSH 323)

Evaluation and Grading

1. Mid-term examination

Mid-term examination will be held during examination period scheduled by Registrar's office (after 7 weeks lecture). Length of exam is 120 minutes. The exam will cover course topics delivered in week 1-7.

2. Final examination

Final examination will be held during examination period scheduled by Registrar's office (after 7 weeks lecture). Length of exam is 120 minutes. The exam will cover course topics delivered in week 7-14.

Compositions of grading are as follows:

Assessment Tools	Maximum Score	% of Grade
Mid-term examination	100	45
Final examination	100	55

Final grade classification: A (≥ 75); B (65-74); C (55-64); D (45-54); E (<45)

**Coverage of DFORCE Core Competence
in Policy, Legislation and Institution of Forestry and Conservation (KSH 221)**

Code : KSH 221

Course : Policy, Legislation and Institution of Forestry and Conservation

Credit : 2(2-0)

Code	Core Competencies	Course Content Covered	Cognitive Level	Topic
I	Students will be able to understand correctly the meaning of conservation ethics and policy in the context of natural resources.	Meaning and definition	C1	Introduction
		Importance of ethics and policies in natural resources and environmental conservation		
		Relationship with other courses		
		Lecture conduct		
II	Students will be able to understand sovereignty in natural resources and environmental management as the foundations for national and international strength and integrity	National motivation for natural resources conservation	C1	Principle of natural resources management sovereignty
		International consensus in natural resources conservation		
III	Students will be able to understand and apply environmental values and conservation ethics to achieve inheritance.	Conservation values and ethics in life	C1, C2	Value and ethic in natural resources conservation
		Traditional values in natural resources conservation		
		Natural resources values as nation bond		
		Natural resources values for international communities		
IV	<ul style="list-style-type: none"> Students will be able to differentiate agreements, conventions, agreements policies and regulations within the context of natural resources 	Meaning of international convention and ethics	C1, C2	Conventions and international ethics on natural resources and environmental conservation
		Several international conventions and their implications on natural		

Code	Core Competencies	Course Content Covered	Cognitive Level	Topic
	and environmental conservation <ul style="list-style-type: none"> Students will be able to understand international agreements and conventions in natural resources and environmental conservation 	resources and environmental conservation: <ul style="list-style-type: none"> RAMSAR CITES Migratory species CBD GCC-Kyoto Protocol GMO-Cartagena Protocol 		
V	Students will be able to understand national policies and strategies in natural resources and environmental conservation efforts.	National Conservation Plan 1995 IBSAP (Indonesian Biodiversity Strategy and Action Plan)	C1, C2	National policy on natural resources and environmental conservation
VI	Students will be able to understand the main highlights regulated in several regulations in natural resources and environmental conservation	History of Indonesia's policies and regulations on conservation Regulations on natural resources and environmental conservation, their implications and applications: <ul style="list-style-type: none"> Act no.41/1999 and Act no. 6/1967 Act no. 23/1997 and Act no. 4/1982 Act no. 5/1990 and Act no. 9/1990 Act no. 5/1994 and Act no. 6/1994 Government Regulations No. 28/1985, No. 68/1998, No. 18/1994, No. 7 and 8/1999 PERPPUU 1/2004 	C1	Convention on International Trade of Endangered Species of Flora and Fauna
VII	Students will be able to understand the basic working principles of CITES and their implications on each member country.	History of CITES Convention highlights Implications on violation of convention	C1, C2	Convention on International Trade of Endangered Species of Flora and Fauna
VIII	Students will be able to understand	Background of CBD and GCC	C1, C2	Convention on Biodiversity dan

Code	Core Competencies	Course Content Covered	Cognitive Level	Topic
	the agreed points in Convention on Biodiversity and Global Climate Change, strategy implementation and implications upon violation.	Convention highlights		Global Climate Change
		Bio-Right		
		Carbon Trade		
		Implications		
VIX	Students will be able to understand government's regulations on natural resources and environmental conservation and their field applications	National policy on natural resources and environmental conservation	C1, C2, C3, C4	Study cases
		Law enforcement in executing regulations on natural resources and environmental conservation		
		PES (payment for environmental services)		

**Assessment Tools to Measure the Achievement of
Learning Outcomes in Policy, Legislation and Institution of Forestry and Conservation (KSH 221)**

Code : KSH 221

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Code	Core Competencies	Learning Outcome	Bloom's Taxonomy	Assessment Tool(s)	Learning Activities
I	Students will be able to understand correctly the meaning of conservation ethics and policy in the context of natural resources.	Students will be able to explain correctly the meaning of conservation ethics and policy in the context of natural resources.	C1	Written examinations at different cognitive level (mid-term exam).	Classroom lecture and discussion
II	Students will be able to understand sovereignty in natural resources and environmental management as the foundations for national and international strength and integrity	Students will be able to explain sovereignty in natural resources and environmental management as the foundations for national and international strength and integrity.	C1	Written examinations at different cognitive level (mid-term exam).	Classroom lecture and discussion
III	Students will be able to understand and apply environmental values and conservation ethics to achieve inherence.	Students will be able to explain and apply environmental values and conservation ethics to achieve inherentce.	C1, C2	Written examinations at different cognitive level (mid-term exam).	Classroom lecture and discussion
IV	Students will be able to differentiate agreements, conventions, agreements policies and regulations within the context of natural resources and	Students will be able to differentiate agreements, conventions, agreements policies and regulations within the context of natural resources and	C1, C2	Written examinations at different cognitive level (mid-term exam).	Classroom lecture and discussion

Code	Core Competencies	Learning Outcome	Bloom's Taxonomy	Assessment Tool(s)	Learning Activities
	environmental conservation. Students will also be able to understand international agreements and conventions in natural resources and environmental conservation	environmental conservation. Students will also be able to explain international agreements and conventions in natural resources and environmental conservation			
V	Students will be able to understand national policies and strategies in natural resources and environmental conservation efforts.	Students will be able to explain national policies and strategies in natural resources and environmental conservation efforts.	C1, C2	Written examinations at different cognitive level (mid-term and final exam).	Classroom lecture and discussion
VI	Students will be able to understand the main highlights regulated in several regulations in natural resources and environmental conservation	Students will be able to explain the main highlights regulated in several regulations in natural resources and environmental conservation	C1	Written examinations at different cognitive level (final exam).	Classroom lecture and discussion
VII	Students will be able to understand the basic working principles of CITES and their implications on each member country.	Students will be able to explain the basic working principles of CITES and their implications on each member country.	C1, C2	Written examinations at different cognitive level (final exam).	Classroom lecture and discussion
VIII	Students will be able to understand the agreed points in Convention on Biodiversity and Global Climate Change, strategy implementation and implications upon	Students will be able to explain the agreed points in Convention on Biodiversity and Global Climate Change, strategy implementation and implications upon	C1, C2	Written examinations at different cognitive level (final exam).	Classroom lecture and discussion

Code	Core Competencies	Learning Outcome	Bloom's Taxonomy	Assessment Tool(s)	Learning Activities
	violations.	violations			
VIX	Students will be able to understand government's regulations on natural resources and environmental conservation and their field applications	Students will be able to explain government's regulations on natural resources and environmental conservation and their field applications	C1, C2, C3, C4	Written examinations at different cognitive level (final exam).	Classroom lecture and discussion