



University of Gadjah Mada
 Faculty of Forestry
 Study Program of Doctor in Forestry Science
Module Handbook

Name (Code)	: Evaluation of Conservation Areas Management (KTDK22806)							
ECTS Type Status	: 7.5 Class lecture Elective							
Semester OfL:OnL Ratio LMS	: 2 60:40 elok.ugm.ac.id							
Pre-Requisite	: -							
Description of content	This course provides students with both knowledge (theory) and skills to become experts in conservation area management in accordance with existing scientific developments. The discussion is directed at the ideal context of conservation area management theoretically, the condition of gaps in conservation area management which includes gaps in representation, ecology, and management, and how to fulfill these gaps. The scope of this course includes a variety of conservation areas both managed by the state and the private sector, the characteristics of various conservation areas and area conservation strategies, various supporting theories in conservation area management, the preparation of criteria and evaluation indicators for protected and conservation area management, and an understanding of Spatial Multi Criteria Analysis (SMCA) tools.							
Course Outcomes and PLO mandated	Finishing this course, student will be able to differentiate various supporting theories and evaluation models of conservation area management both nationally and internationally (CO1/PLO3), to analyze and identify gaps in conservation area management (CO2/PLO4), and to design strategies to fill gaps in the management of conservation areas (CO3/PLO7).							
Lecturer(s)	1. Dr. Much Taufik Tri Hermawan, S.Hut, M.Si. 2. Dr. Hero Marhaento, S.Hut, M.Si 3. Dr. Ir. Lies Rahayu WF, MP							
Workload	: Total workload per semester is for 14 weeks, with weekly activities: 2*(50' lectures, 60' structured activities, 60' independent study), and 2 mid-exam and final exam weeks.							
Learning Method	: Class Lecture and Discussion							
Student Learning Experience	: Actively discuss the class material and research cases, structured assignment, group work, quiz, material reflection, review of literature and problem in forestry sectors							
Mapping CO-syllabus	CLO	Syllabus	Learning form			Meeting s		
	1	1. Variety of conservation area management 2. Biogeographic Island Theory	Class lecture and discussion			4		
	2	3. Conservation area gaps 4. Gap filling of conservation areas	Class lecture and discussion			4		
	3	5. Evaluation of Area Function Suitability 6. Evaluation of Conservation Area Spatial Planning	Class lecture and discussion			6		
Assessment method	Base of Evaluation		Component of Evaluation		CO1	CO2	CO3	Total (%)
	Participative activity		Assignment		√	√	√	40
	Cognitive & Psychomotoric		Mid exam		√	√		25
	Case Study result		Final exam/ presentation			√	√	35
References	<ol style="list-style-type: none"> Borrini-Fayerabend, G., Kothari, A. dan Oviedo, G. 2004. Indigenous and Local Communities and Protected Areas: Towards Equity and Enhanced Conservation. Cambridge: IUCN/WCPA Best Practice Series No 11. Dudley, N. 2008. Guidelines for Applying Protected Areas Management Categories. Gland: IUCN. Dudley, N., dan Stolton, S. 2008. Defining Protected Areas: an international conference in Almeria, Spain. Gland. IUCN. Harris, L.D., 1984. The Fragmented Forest: Island Biogeographic Theory and the Preservation of Biotic Diversity. Chicago: University of Chicago Press. Worboys, G. L., Lockwood, M., Kothari, A., Feary, S., & Pulsford, I. (Eds.). (2015). Protected area governance and management. Anu Press. MacArthur, R. H., & Wilson, E. O. (2016). The theory of island biogeography. In The Theory of Island Biogeography. Princeton university press. Leverington, F., Costa, K. L., Pavese, H., Lisle, A., & Hockings, M. (2010). A global analysis of protected area management effectiveness. Environmental management, 46(5), 685-698. Hockings, M., Leverington, F., & Cook, C. (2015). Protected area management effectiveness. Protected area governance and management, 889-928. 							