

MODUL ENVIRONMENTAL IMPACT ANALYSIS



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions:

Module design	Environmental Impact Analysis
Module level, if applicable	
Code, if applicable	P-CIL-8-202
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Dr. Dwi P. Sasongko, M.Si.
Lecturer	1. Dr. Dwi P. Sasongko, M.Si. 2. Prof. Sudharto P. Hadi, MES, Ph. D
Language	<i>Indonesian and English</i>
Relations to curriculum	
Type of teaching, contact hours	<i>Lecture: 180 minutes Q&A: 30 minutes Discussion: 30 minutes Presentation: 30 minutes Individual Assignment: 60 minutes</i>
Workload	<i>(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc.) and private study, including examination preparation, specified in hours,¹ and in total.</i>
Credit points	<i>3 credit points / 6 ECTS</i>
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	<i>eg existing competences in...</i>

Module objectives/intended learning outcomes	• Students are able to explain in their own words various definitions of Amdal, Andal, RKL-RPL and various terms related to Amdal. • Students are able to explain in their own words why Study Andal is needed and who should do Andal. • Students are able to explain in their own words about the use/role of Andal. • Able to explain the Basic Concept of Andal and its implementation procedures in accordance with the applicable laws and regulations • Able to explain changes in Environmental Permits, Change Mechanisms and Procedures for Changes in Environmental Permits • Able to forecast and evaluate significant impacts (physical, chemical, biological, socio-economic and socio-cultural environmental impacts). • Able to prepare management and monitoring plans for environmental impacts (RKL-RPL) resulting from certain planned activities.
Content	The AMDAL course discusses the basic concepts and objectives of AMDAL, management of AMDAL and related regulations, implementation of AMDAL, preparation of AMDAL documents and related methodologies in it, as well as assessment of AMDAL documents.
Study and examination requirements and forms of examination	• <i>Open book and close book</i> • <i>Multiple choice, case study, interview, practice</i>
Media employed	<i>Powerpoint, youtube, website</i>
Reading list	1. Canter, LW 1996. "Environmental Impact Assessment", 2nd Edition. McGraw-Hill, New York. 2. Soemarwotto, O. 2005. Environmental Impact Analysis. Gadjah Mada University Press, Yogyakarta. 3. Suratmo, GF 1998. Environmental Impact Analysis, 8th Edition, Gadjah Mada University Press, Yogyakarta 4. Ministry of Environment and Forestry. 2016. Set of Regulations on the Environment. 5. Glasson, J, and Therivel, R. 2019. Introduction To Environmental Impact Assessment. Routledge.

