

MODUL ENVIRONMENTAL IMPACT ANALYSIS



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

Module Description:

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| Module Name | Environmental Impact Analysis |
| Module level, if applicable | |
| Code, if applicable | P-CIL-8-202 |
| Subtitles, if any | |
| Course, if applicable | |
| Semester(s) in which the module is taught | Semester 2 |
| Module responsible | Dwi P. Sasongko, M.Sc. |
| Teaching Lecturer | 1. Dwi P. Sasongko, M.Sc. 2. Prof. Sudharto P. Hadi, MES, Ph. D |
| Language | <i>Indonesian and English</i> |
| Relationship with curriculum | |
| Type of teaching, hours of contact | <i>Lectures: 1 x 180 minutes x 16 meetings = 48 hours/week Q&A: 1 x 30 minutes x 16 meetings = 8 hours/week Discussion: 1 x 30 minutes x 16 meetings = 8 hours/week Presentation: 1 x 30 minutes x 16 meetings = 8 hours/week Individual assignment: 60 minutes/day = 5 hours/week Total work for 1 semester = 150 hours = 6 ECTS</i> |
| Workload | <i>(Estimated) workload, divided into contact hours (lectures, exercises, laboratory sessions, etc.) and personal study, including test preparation, specified in hours,¹ and overall.</i> |
| credit points | <i>3 Credits / 6 ECTS</i> |
| Requirements according to the exam regulations | <i>Lecture attendance of at least 75%</i> |
| Recommended prerequisites | <i>For example, competence in...</i> |

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| <p>Modulethe desired learning objectives/outcomes</p> | <ul style="list-style-type: none"> • Students are able to explain in their own words the various meanings of EIA, Andal, RKL-RPL and various terms related to EIA. • Students are able to explain in their own words why Andal Studies 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 the procedures for its implementation in accordance with the applicable laws and regulations • Able to explain changes to Environmental Permits, Amendment Mechanisms and Procedures for Changing Environmental Permits • Able to predict and evaluate significant impacts (physical, chemical, biological, socio-economic and socio-cultural environmental impacts). • Able to prepare management and monitoring environmental impact plan (RKL-RPL) resulting from certain planned activities. |
| <p>Fill</p> | <p>The EIA course discusses the basic concepts and objectives of EIA, management of EIA and related regulations, implementation of EIA, preparation of EIA documents and related methodologies, as well as assessment of EIA document.</p> |
| <p>Study and exam requirements and forms</p> | <ul style="list-style-type: none"> • <i>Open the book and close the book</i> • <i>Multiple choice, case studies, interviews, practicals</i> |
| <p>Media used</p> | <p><i>Powerpoint, youtube, website</i></p> |

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| Read reference | <ol style="list-style-type: none">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, Yogyakarta4. Ministry of Environment and Forestry. 2016. Sets Environmental Regulations.5. Glasson, J, and Therivel, R. 2019. Introduction to Environmental Impact Analysis. Routledge. |
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