

MODUL DISASTERS AND ENVIRONMENTAL RISKS



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions :

Module design	Disasters and Environmental Risks
Module level, if applicable	
Code, if applicable	P-CIL-8-203
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	1 st Semester
Person responsible for the module*	Principal Supervisor
Lecturer	1. Principal Supervisor 2. Principal Co-Supervisor
Language	<i>Indonesian and English</i>
Relations to curriculum	Students are able to understand disaster risks to the environment in various forms and their mitigation efforts.
Type of teaching, contact hours	<i>Lecture: 120 minutes Q&A: 20 minutes Discussion: 20 minutes Presentation: 20 minutes Individual Assignment: 36 minutes</i>
Workload	<i>(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc.) and private study, including examination preparation, specified in hours and in total.</i>
Credit points	2 credits/ 4 ECTS
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	<i>eg existing competences in...</i>

* Material for advance lecture perform by principal supervisor, co supervisor and student refers to research topic.

Module objectives/intended learning outcomes	Students are able to understand disaster risks to the environment in various forms and their mitigation efforts.
Content	Disaster and environmental risk courses provide additional insight for students to be able to understand disaster risk, phenomena, forms, and mitigation efforts so that students can compile risk and disaster control documents effectively and efficiently.
Study and examination requirements and forms of examination	• <i>Open book and close book</i> • <i>Multiple choice, case studies, interviews</i>
Media employed	<i>Powerpoint, youtube, website</i>

Reading list	1. Khambali, 2016, Disaster Management, Publisher ANDI, Yogyakarta 2. Bachtiar Erniati, et al (ed), 2021, Disaster and Environmental Knowledge, Publisher Yayasan Kita Menulis, Medan 3. Lestari Puji, 2018, Disaster Communication Important Aspects of Disaster Risk Reduction, Publisher PT Kanisius, Yogyakarta 4. Musthofa, 2019, Unraveling the Chaos of Environmental Disasters (Reflections on Environmental Journalism and Deep Ecology in Indonesia), Publisher UMM Press and PSLK UMM, Malang 5. Noor Djauhari, 2014, Introduction to Geological Disaster Mitigation, Publisher Deepublish, Yogyakarta
--------------	---