

MODUL DISASTER MITIGATION AND ADAPTATION



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions:

Module design	Disaster Mitigation and Adaptation
Module level, if applicable	
Code, if applicable	P-CIL-8-206
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Prof. Drs. Sudharto Prawata Hadi, MES, Ph.D
Lecturer	1. Prof. Drs. Sudharto Prawata Hadi, MES, Ph.D 2. Prof. Dr. rer. Nat. Heru Susanto, S.T., M.T
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 understand and explain the basic concepts of disaster and able to understand and explain disaster management. And also students are able to understand and explain disaster management policies.

Content	This course examines and reviews various aspects of disaster, such as types of potential hazards, disaster cycles, disaster early warning, and policies related to disaster management.
Study and examination requirements and forms of examination	• <i>Open book and close book</i> • <i>Multiple choice, case studies, interviews</i>
Media employed	Powerpoint, youtube, website
Reading list	● Bachtiar Erniati, et al (ed), 2021, Disaster and Environmental Knowledge, Publisher Yayasan Kita Menulis, Medan ● Kementerian Lingkungan Hidup dan Kehutanan. 2016. Himpunan Peraturan tentang Lingkungan Hidup. ● Khambali, 2016, Disaster Management, Publisher ANDI, Yogyakarta ● Lestari Puji, 2018, Disaster Communication Important Aspects of Disaster Risk Reduction, Publisher PT Kanisius, Yogyakarta ● Musthofa, 2019, Unraveling the Chaos of Environmental Disasters (Reflections on Environmental Journalism and Deep Ecology in Indonesia), Publisher UMM Press and PSLK UMM, Malang