

MODUL MANAGEMENT OF COASTAL AND SEA AREA



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions :

Module design	Management Of Coastal And Sea Area
Module level, if applicable	
Code, if applicable	P-CIL-8-212
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	
Lecturer	1. Prof. Dr. Ir. Sutrisno Anggoro, M.S 2. Dr. Muhammad Helmi, S.Si, M.Si
Language	<i>Indonesian and English</i>
Relations to curriculum	
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,¹ and in total.</i>
Credit points	<i>2 credits / 4 ECTS</i>
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	

Module objectives/intended learning outcomes	Students are able to explain concepts and definitions of integrated and sustainable management, utilization, and development of coastal and marine areas. Students know the zoning for the management of coastal and marine areas, able to explain the concept of the right to control coastal waters and small islands and also students are able to analyze sediment transport in coastal waters and small islands
Content	This course aims to be able to explain the physical condition of coastal waters and small islands in terms of geomatics, identify the development of coastal waters and small islands as strategic areas. explain the legal basis, principles, and problems of developing coastal and marine area
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. Ahlhorn. F. 2018. Integrated Coastal Zone Management. Status, Challenges and Prospects. Springer 2. Green, D. R. and Payne, J. L. 2017. Marine and Coastal Resource Management Principles and Practice. United State: 3. Krishnamurthy, R. R. et all. 2018. Coastal Management: Global Challenges and Innovations 1st Edition. Academic Press