

MODUL

**MANAGEMENT OF COASTAL
AND MARINE AREAS**



**MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATED STUDIES
DIPONEGORO UNIVERSITY**

Modul Description :

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| Modul design | Management of Coastal and Marine Areas |
| Modul level, if applicable | |
| Code, if applicable | P-CIL-8-212 |
| Subtitles, if any | |
| Course, if applicable | |
| Semester(s) in which the Modul is taught | Semester 2 |
| Modul responsible* | |
| Teaching Lecturer | 1. Dr. Ir. Sutrisno Anggoro, MS 2. Dr. Muhammad Helmi, S.Si, M.Si |
| Language | <i>Indonesian and English</i> |
| Relationship with curriculum | |
| Type of teaching, hours of contact | <i>Studying: 1 x 120 minutes x 16 meetings = 32 hours/week Q&A: 1 x 20 minutes 16 meetings = 5.3 hours/week Discussion: 1 x 20 minutes 16 meetings = 5.3 hours/week Presentation: 1 x 20 minutes 16 meetings = 5.3 hours/week Individual assignments: 36 minutes/day = 3 hours/week Total work for 1 semester = 100 hours = 4 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>2 credits / 4 ECTS</i> |
| Requirements according to the exam regulations | <i>Lecture attendance of at least 75%</i> |
| Recommended prerequisites | <i>For example, competence in...</i> |

*Advanced lecture material conducted by the main supervisor, co-supervisors and students refers to the research topic.

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| Modulthe desired learning objectives/outcomes | Students are able to explain concepts and definitions of management, utilization and development of coastal and marine areas in an integrated and sustainable manner. Students know zoning for the management of coastal and marine areas, are able to explain the concept of rights to control coastal waters and small islands and students are able to analyze sediment transport in coastal waters and small islands |
| Fill | This course aims to be able to explain the physical conditions of coastal waters and small islands geomatically, identify the development of coastal waters and small islands as strategic areas. explain the legal basis, principles, and issues of developing coastal and marine areas |
| Study and exam requirements and forms | <ul style="list-style-type: none"> • <i>Open the book and close the book</i> • <i>Multiple choice, case studies, interviews, practicals</i> |
| Media used | <i>Powerpoint, youtube, website</i> |
| Reference | <ol style="list-style-type: none"> 1. Ahlhorn. F. 2018. Integrated Coastal Area Management. Status, Challenges and Prospects. Spinger 2. Green, DR and Payne, JL 2017. Principles and Practice of Marine and Coastal Resource Management. United States of America: 3. Krishnamurthy, RR et al. 2018. Coastal Management: Global Challenges and Innovation First Edition. Academic Press |