

MODUL HANDBOOK COASTAL ZONE MANAGEMENT



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATED STUDIES
DIPONEGORO UNIVERSITY

Modul Description :

Module designation	Coastal Zone Management
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Prof. Dr. Denny Nugroho Sugianto, S.T., M.Si. Dr. Lilin Budiati, S.H., M.M. Prof. Dr. Ir. Sutrisno Anggoro, M.S. Prof.Dr.Ir. Sri Puryono KS., M.P
Language	Indonesian and English
Relation to curriculum	Elective
Teaching methods	Mix Method or Blended Learning by incorporating Lecture Based-learning, Student Centred-Learning and Technological Learning <ul style="list-style-type: none">• Lecture Based-Learning: teacher lead a lesson by using presentation, showing visual• Student Centred-Learning: teacher promote individual learning so that student can exploring individual idea• Technological Learning, teacher leads to use high technology in information such as by exploring, utilizing internet/searching engine and social media.
Workload (incl. contact hours, self-study hours)	<ul style="list-style-type: none">• Lecture, 2 hours per week• Discussion and presentation (Q&A), 1 hours per week• Individual assignment, 3 hours per week• Total workload for semester = 100 hours
Credit points	2 credits / 4 ECTS
Required and recommended prerequisites for joining the module	No required prerequisite
Module objectives/intended learning outcomes	<ul style="list-style-type: none">• Able to formulate environmental management theory for sustainable coastal zone• Able to formulate and carry out scientific research to solve environmental problems in coastal zone• Able to formulate environmental management policies to maintenance sustainable live in coastal zone• Able to formulate rules, methods through of

	environmental management to improve the quality of life in coastal zone
Content	Management of Coastal and Marine Areas 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
Examination forms	<ul style="list-style-type: none"> • Essay • Case studies, • Practicals
Study and examination requirements	Lecture attendance of at least 75%.
Reading list	<ol style="list-style-type: none"> 1. Papatheochari, T., & Coccossis, H. (2019). Development of a waterfront regeneration tool to support local decision making in the context of integrated coastal zone management. <i>Ocean & Coastal Management</i>, 169, 284-295. 2. Clark, J. R. (Ed.). (2018). <i>Coastal zone management handbook</i>. CRC press. 3. Ahlhorn, F. 2018. <i>Integrated Coastal Area Management. Status, Challenges and Prospects</i>. Springer 4. Krishnamurthy, RR et al. 2018. <i>Coastal Management: Global Challenges and Innovation First Edition</i>. Academic Press 5. Green, DR and Payne, JL 2017. <i>Principles and Practice of Marine and Coastal Resource Management</i>. United States of America. 6. Le Gentil, E., & Mongruel, R. (2015). A systematic review of socio-economic assessments in support of coastal zone management (1992–2011). <i>Journal of environmental management</i>, 149, 85-96. 7. Belfiore, S. (2001). <i>Manuals And Handbooks On Integrated Coastal Management: Recent Developments</i>. <i>Bollettino della Società Geografica Italiana</i>, 245-250.