MODUL HANDBOOK
ENVIRONMENTAL PLANNING THEORY

MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

Modul Description:

Module designation	Environmental Planning Theory
Semester(s) in which the module is taught	2nd Semester
Person responsible for the module	Prof. Drs. Sudharto Prawata Hadi, MES, Ph.D. Dr. Dra. Kismartini, M.Si. Dr. Hartuti Purnaweni, MPA Dr. Eng. Maryono, S.T., M.T.
Language	Indonesian and English
Relation to curriculum	• Compulsory for Environmental Planning Concentration/Specialization
Teaching methods	Mix Method or Blended Learning by incorporating Lecture Based-learning, Student Centred-Learning and Technological Learning • 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)	• Lecture, 3 hours per week • Discussion and presentation (Q&A), 1,5 hours per week • Individual assignment, 5 hours per week • Total workload for semester = 150 hours
Credit points	3 Credits / 6 ECTS
Required and recommended prerequisites for joining the module	No required prerequisite
Module objectives/intended learning outcomes	• Able to formulate environmental management theory for environmental planning. • Able to formulate and carry out scientific research to solve environmental planning. • Able to formulate environmental management policies • Able to formulate rules, methods through of environmental planning to improve the quality of life.

	• Able to analysis environmental conditions, propose alternative environmental policies and planning.
Content	The Environmental Planning course is a course in a systematic approach to addressing pro environmental or environmentalism in planning and development. This course exploring planning theory, theory in planning, planning substantive such as green economic, pro environment in the economic and social live development. This course also provides learning about the practice of preparing environmental plans and their alternatives according to the needs to achieved sustainable live, sustainable economic and social sustainability.
Examination forms	• Closed book or Open book • Essay • Individual and group assignments
Study and examination requirements	Lecture attendance of at least 75%.
Reading list	1. Baldwin, JH (2020). Environmental Planning and Management. Routledge 2. De Roo, G., Yamu, C., & Zuidema, C. (Eds.). (2020). Handbook on planning and complexity. Edward Elgar Publishing. 3. Baldwin, J. H. (2019). Environmental planning and management. Routledge. 4. Allmendinger, P. (2017). Planning Theory. Bloomsbury Publishing 5. Kahraman, C., and Sari, IU (2017). Intelligence Systems in Environmental Management: Theory and Applications. Switzerland: Springer Cham. 6. Gunder, M., Madanipour, A., & Watson, V. (Eds.). (2017). The Routledge handbook of planning theory. Routledge. 7. Daniels, T. (2017). Environmental planning handbook. routledge. 8. Hartmann, T., & Geertman, S. C. (2016). Planning theory. In Handbook on theories of governance (pp. 61-70). Edward Elgar. 9. Argent, R. M., Sojda, R. S., Giupponi, C., McIntosh, B., Voinov, A. A., & Maier, H. R. (2016). Best

	practices for conceptual modelling in environmental planning and management. Environmental modelling & software, 80, 113-121. 10. Fainstein, S. S., & DeFilippis, J. (Eds.). (2015). Readings in planning theory. John Wiley & Sons. 11. Lein, J. K. (2008). Integrated environmental planning. John Wiley & Sons. 12. Mell, I. C. (2008, June). Green infrastructure: concepts and planning. In FORUM ejournal (Vol. 8, No. 1, pp. 69-80). Newcastle, UK: Newcastle University. 13. Padt, F. (2007). Green Planning: An institutional analysis of regional environmental planning in the Netherlands. Eburon Uitgeverij BV. 14. Burke, G., Singh, B. R., & Theodore, L. (2005). Handbook of environmental management and technology (No. Ed. 2). John Wiley & Sons, Inc.