



## **MODULE HANDBOOK**

### **Territorialization and Contestation of Natural Resource**

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Undergraduate Study Program for Geography  
Faculty of Mathematics and Natural Sciences  
Universitas Indonesia

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## Territorialization and Contestation of Natural Resource

Module designation	Territorialization and Contestation of Natural Resource
Semester(s) in which the module is taught	Sixth (6th) Semester
Person responsible for the module	Dr. Hafid Setiadi, M.T.
Lecturer	1. Dr. Hafid Setiadi, M.T. 2. Fathia Hashilah, S.Si., M.Env.Mgt.Dev.
Language	Bahasa Indonesia
Relation to curriculum	Elective
Teaching methods	Student-centered Learning and combination with Cooperative Learning
Workload (incl. contact hours, self-study hours)	1. Lectures: 100 minutes per week per semester 2. Assignment: 120 minutes per week per semester 3. Independent study: 120 minutes per week per semester 4. Minutes x weeks x semester: $340 \times 14 \times 1 = 4760$ minutes per semester 5. Midterm Examination: 100 minutes per semester 6. Final Examination: 100 minutes per semester 7. Total workload per semester: 4950 minutes / 82 hours 40 minutes
Credit points	2 (Two)
Required and recommended pre-requisites for joining the module	1. Principles and Perspective in Human Geography 2. Spatial Organization of Human Activities
Module objectives/intended learning outcomes	Natural resources are one object of a very substantial review in the clump of geography. It is because all aspects of human life are always bounded to the Natural Resources on the earth surface. Meanwhile, the Natural resources are also an object of very complex study and needs to be studied systematically. The territorial and contestational contestation of natural resources is designed to provide a systematic and structured picture of reviewing the Natural resources complexity on the surface of the earth. The spatial framework and political ecology will be used as the foundation of this course. After completing this course, students are expected to be able to understand the concept of natural resources, distribution and utilization of natural resources, natural resource power (power relations), welfare, and conflict in the context of the tropical natural resources
Content	1. Natural resources concept, The Tragedy of the Common 2. Classification and distribution of natural resources 3. Supports & capacity 4. Valueing the Environment 5. Power Relation of Natural Resources in Political Ecological Frame: Property Rights, Stakeholder Analysis, Externalities, & The Environmental Problems 6. The latest issues and natural resources conflicts: land use change, water resistance, energy resistance, spatial justice, conservation and natural resources management, policies related in natural resources and Sustainable Development Goals
Examination forms	-
Study and examination requirements	1. Individual Works (20%) 2. Paper (40%) 3. Final Paper (40%)

Reading list	<p>Tietenberg &amp; Lewis 2014, Environmental &amp; Natural Resource Economics</p> <p>Korf, B. 2011. Resources, violence and the telluric geographies of small wars. <i>Progress in Human Geography</i> 35(6):733-756.</p> <p>McCarthy, J.F. 2007. The Demonstration Effect: Natural Resources, Ethnonationalism and the Aceh Conflict. <i>Singapore Journal of Tropical Geography</i> (28) 314-333.</p> <p>Peluso, N.L. and Watts, M. (eds.). 2001b. <i>Violent Environments</i>. Cornell University Press, Ithaca.</p> <p>Pichler, et.al., 2021, The social and ecological costs of reforestation. Territorialization and industrialization of land use accompany forest transitions in Southeast Asia</p> <p>UNEP 2015, <i>Natural Resources and Conflict</i></p> <p>UNEP 2009, <i>From Conflict to Peacebuilding: The Role of Natural Resources and the Environment</i></p> <p>Hardin, Tragedy of the Common, <a href="https://www.econlib.org/library/Enc/TragedyoftheCommons.html">https://www.econlib.org/library/Enc/TragedyoftheCommons.html</a></p>
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