



MODULE HANDBOOK

Geography of Disaster

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

Module designation	Geography of Disaster
Semester(s) in which the module is taught	Fifth (5th) Semester
Person responsible for the module	Dr. Tito Latif Indra, M.Si.
Lecturer	1. Dr. Tito Latif Indra, M.Si. 2. Nurul Sri Rahatiningtyas, M.Si. 3.
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 x 14 x 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. Thinking Geographically 2. Principles and Perspective in Physical Geography 3. Principles and Perspective in Human Geography 4. System and Process of Physical Geography 5. Spatial Organization of Human Activities
Module objectives/intended learning outcomes	After completing this course students are able to analyze physically (nature) and humanized disaster systematically and spatially, the impact of disaster, and regional spatial planning according to the conditions of regional disaster
Content	1. Concept and Scope of Geography of Disaster: 2. Definition of Disaster 3. Definition of Geography of Disaster 4. Position of Geography of Disaster in National and Regional Disaster Framework 5. Interdisciplinary Trend of Geography Disaster
Examination forms	-
Study and examination requirements	1. "Group & Presentation Score (25%) 2. Individual Score (20%) 3. Midterm Examination (25%) 4. Final Examination (30%)"

Reading list	<p>Birkmann, J. 2006, Measuring Vulnerability to Natural Hazards : Towards Disaster Resilient Societies. Uniter Nations University Press Tokyo New York Paris.</p> <p>Keller & DeVecchio. 2015. Natural Hazards Earth's processes as hazard, disaster, and catastrophes. Routledge Taylor and Francis Grup London and New York.</p> <p>Van Westen. 2017. Environmental Hazards Methodologies for Risk Assessment and Management. ResearchGate.</p> <p>Rachmawati, D. Rahmawati, A. Susilo, 2018. Pengurangan Risiko Bencana berbasis Tata Ruang. UB Press Malang.</p>
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