

# NATURAL DISASTER MANAGEMENT AND PLANNING

1	Course Title:	NATURAL DISASTER MANAGEMENT AND PLANNING
2	Course Code:	COG4028
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. HASAN ÖZDEMİR
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	ozdemirh@uludag.edu.tr
17	Website:	
18	Objective of the Course:	It includes the works to be done to reduce the types, formation mechanisms, effects and effects of natural disasters, whose activities are increasing in our country and the world.
19	Contribution of the Course to Professional Development:	It is important to understand the natural disasters that occur due to the misuse of physical and human geography features and have a great impact on human life, in terms of their good management.
20	Learning Outcomes:	
	1	Learns the concepts of Hazard, Risk, Disaster and Management
	2	Learn about earthquakes and mitigation
	3	Learn about floods and mitigation
	4	Learn about landslides and mitigation
	5	Learn about volcanoes and mitigation
	6	Learn about avalanches and mitigation
	7	Learn about atmospheric disasters and mitigation
	8	Gains knowledge of drought and mitigation
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Introduction to Disaster Analysis	
2	Earthquake and Its Occurrence	
3	Earthquake Risk Analysis	
4	Flood and its Occurrence	
5	Flood Risk Analysis	

<b>6</b>	Landslide and Its Formation	
<b>7</b>	Landslide Risk Analysis	
<b>8</b>	Volcano and Its Formation	
<b>9</b>	Volcanic Risk Analysis	
<b>10</b>	Avalanches and Their Formation	
<b>11</b>	Avalanche Risk Analysis	
<b>12</b>	Atmospheric Disaster and Mitigations	
<b>13</b>	Assignment Presentation-1	
<b>14</b>	Assignment Presentation-2	

22	Textbooks, References and/or Other Materials:	<p>1-Hyndman D. And Hyndman, d. . (2011). Natural Hazard and Disasters, Third Edition, Brooks-Cole Cengage Learning.</p> <p>2-Pine, J.C. (2009). Natural Hazards Analysis: Reducing the Impact of Disasters, CRC Press.</p> <p>3-Smith, K. (2004). Environmental Hazards: Assessing Risk and Reducing Disaster. Taylor &amp; Francis Group.</p> <p>4-The World Bank (2005). Natural Disaster Hotspots A Global Risk Analysis, Disaster Risk Management Series No.5</p>
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
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Midterm Exam	1	20.00
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Activites	Number	Duration (hour)	Total Work Load (hour)
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Fixed Expense	1	6000	2.00	28.00
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Practicals/Labs	0	0.00	0.00
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Self-study and Teacher Learning Activities to	40.00	5.00	70.00
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Homeworks	1	25.00	25.00
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Contribution of Final Exam to Success Grade	60.00	0.00	0.00
Projects	0	0.00	0.00

Field Studies	0	0.00	0.00
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Midterm exams and Evaluation Techniques Used in the	Written exam and home	1.00	1.00
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Others	0	0.00	0.00
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24	ECTS/WORK LOAD TABLE			
Final Exams	1	1.00	1.00	

Total Work Load			125.00
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Total work load/ 30 hr			4.17
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ECTS Credit of the Course			4.00
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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[illegible]

ÖK5	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0
ÖK6	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0
ÖK7	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0
ÖK8	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			