

Document No.	FR.031
First Publication Tar.	10.05.2022
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Document Responsible: Directorate of the Ins. Of Sec. Sci.

Course Title : Disaster Risk Reduction Strategies and Policies

Language of Instruction : Turkish

Course Objective : Disasters, a fact of our country, are considered a natural and human-caused phenomenon that deeply affects individuals' social, economic, and psychological lives today. Landslides, floods, rocks, avalanches and droughts, primarily earthquakes, are among the natural disasters that require communities to be organized, conscious and educated. Every year, 140,000 people lose their lives due to natural and technological disasters; 96% of life loss occurs in developing countries. After the Kocaeli and Duzce earthquakes in Turkey in 1999, which affected a large part of society, disaster, disaster management and disaster risk reduction concepts were frequently raised in all public opinion, especially in academic circles, public administration organizations and NGOs. Discussions around these concepts are of interest to all parts of society. This course aims to increase the level of knowledge and awareness of students about disaster risk reduction policies and strategies to discuss the exchange of information and practices on a national and international scale. The course scope aims to give students, as one of society's members, disaster awareness and responsibility by taking an integrated perspective of the disaster risk reduction process.

Course Level : Selective

Course Type / Contents : Global disasters and countries' ability to deal with these problems, risk reduction studies, reports prepared especially at the United Nations, accepted international conventions, and governments' commitments are topics to be addressed within the course scope.

Course Credits : 3

Course Semester : Spring

Course Lecturer : Prof. Dr. Aslı Akay

Course Lecturer Nu.

Department Coordinator : Prof. Dr. Elif Çolakoğlu

Prerequisite : -**Teaching Techniques**

Reading List : Many different sources will be used as a textbook, mainly as

follows. Basic books, articles, and reports that vary by week will be used.

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Akay, A. (2017). Türkiye'de Afet Yönetimi Politikaları. [Özmen, B. (der.)] Afet Yönetimi II. Yayın no: 3604, Anadolu Üniversitesi Yayınları: Eskişehir.

Akay, A. (2018). Afet Risk Azaltma Politika ve Stratejileri. [Akay, A. & Pekkan, E. (der.)] Afet Risk Azaltma Politikaları. Yayın no: 3727, Anadolu Üniversitesi Yayınları: Eskişehir.

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- CRED, (2019). Natural Disasters, 2019 Report.
- Ergünay, O. (1999), Deprem-Yuvarlak Masa, Mülkiye Cilt: XXIIII, Sayı:219, Ankara.
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WEEKLY COURSE PLAN

Weeks	Course Subjects	
1	Disaster Risk Reduction Concepts and Definitions	

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2	Stages of Disaster Risk Reduction Management, Principles, Relations with Development	
3	International Principles in Disaster Risk Reduction Management, Climate Change Adaptation Relationship	
4	Legal and Institutional Structure and Development of Disaster Risk Reduction Management System	
5	International Policies and Strategies of Disaster Risk Reduction: United Nations and Disaster Risk Mitigation Studies	
6	Disasters and Turkey's Disaster Profile	
7	National Policies and Strategies for Disaster Risk Reduction	
8	Presentation of Mid Term Exam Reports	
9	Disaster Risk Reduction and Resilient Cities	
10	Information Technologies in Disaster Risk Reduction Management: Disaster Information Systems	
11	Disaster Risk Reduction and Urban Transformation	
12	Disaster Risk Reduction and Risk Transfer Mechanisms	
13	Risk Reduction Strategies and Policies in Different Country Examples: America-Japan	
14	Risk Reduction Strategies and Policies in Different Country Examples- Chile- European Union	
15	Final Exam	

ASSESSMENT METHODS

Term Learning Activities	Quantity	Percentage, %
Attendance	-	-
Quiz	-	-
Midterm Exam	-	40

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Practice	-	-
Term Project	-	-
Homework / Presentation	1	-
Final Exam	-	60
Total	-	100

ECTS* (STUDENT WORKLOAD)

Activities	Quantity	Duration (Hour)	Total Workload
Lectures	14	3	42
Study hours out of classroom (Study before and after the class)	14	3	42
Presentation / Seminar	2	30	30
Project (Term Paper)	-	-	-
Homework	-	-	-
Midterm Exam	1	25	25
Final Exam	1	40	40
Total	-	-	179
ECTS Credits			7

COURSE LEARNING OUTCOMES

Nu	Explanation	
LO1	To recognize and express the role of disaster and risk reduction policies in efforts to promote sustainability,	

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LO2	To characterize the objectives of international and national disaster risk reduction policies,				
LO3	To understand the factors and assets that determine the progress towards disaster risk management that supports sustainable development				
LO4	To realize the potential for interdisciplinary work to reduce disaster risks,				
LO5	To produce information to develop sustainable solutions for specific disaster risks,				
LO6	They will learn to apply their analytical skills to propose practical solutions to their problems during Turkey's disaster risk management process.				
LO7	To understand the importance of risk management and risk-informed sustainable management				
LO8	To learn best practices and lessons from past disasters all over the world				

PROGRAM QUALIFICATIONS

NI.	F1	Course		Cont	ributi	on Le	vel
No	Explanation	0	1	2	3	4	5
PO1	Graduates have conceptual knowledge of public administration by understanding the relationship between them in theory and practice.				X		
PO2	Graduates comprehend the multidisciplinary interaction related to the field of public administration.				X		
PO3	Graduates have basic rules regarding the administrative rules of central-local relations.			X			
PO4	Graduates have advanced knowledge of how to plan and realize them and can apply current research methods and techniques required by public administration as a science.			X			
PO5	Graduates can develop and deepen their knowledge in public administration at an expert level based on their undergraduate-level qualifications.					X	
PO6	Graduates know the theories of administration and leadership. Based on these, they have the knowledge to report in various public institutions, especially security institutions, and to prepare their studies according to academic rules.					X	



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PO7	Graduates are attributed to their leadership and entrepreneurial abilities as individuals and teams to solve any crisis, disruption or problem.			X
PO8	Graduates follow developments arising in the fields of administration, law, politics, urbanization and environmental problems, which are the main branches of public administration in the world and the Republic of Turkey, theory and practice with an academic perspective.			X

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAM OUTCOMES

All	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	5	5	2	4	2	4	2	1
LO2	3	4	1	4	4	5	2	1
LO3	5	5	3	4	5	5	3	3
LO4	4	5	5	5	5	5	4	3
LO5	5	5	4	4	4	5	5	5
LO6	4	5	5	5	5	4	4	5
LO7	5	5	4	4	4	5	5	5
LO8	4	5	5	5	5	4	4	5

CONTRIBUTION LEVEL: 1- Very Low

2- Low

3- Middle

4-High

5-Very High

Prof.Dr. Aslı Akay

Lecturer



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Course Title : Climate Change and Migration

Language of Instruction : Turkish

Course Objective : The majority of recent natural disasters are either directly or indirectly related to climate change. Many disasters are caused by climate change, including rising temperatures, an increase in the frequency and severity of severe weather events, glacier melting, and sea level rise. Climate change, which endangers the ecosystem, biodiversity, human health, agriculture, and food security, causes rising temperatures, freezing temperatures, extreme precipitation, floods, droughts, and forest fires, displacing people and forcing them to migrate in many parts of the world. As a result of the aforementioned disasters, people may be forced to relocate either temporarily or permanently. In general, the purpose of this course is to examine the migration movements that occur as a result of the effects of climate change, using examples from around the world, in all of their dimensions (administrative, legal, geographical, and sociological) using political science data. This is made more concrete by presenting empirical research on how climate change migrations occur.

Course Level : Selective

Course Type / Contents : As a political and social consequence of the disasters caused by climate change, analyses are being conducted on how migration should be understood and managed on the agendas of countries. In some cases, this course covers all aspects of insecurity caused by migration.

Course Credits : 3

Course Semester : Spring

Course Lecturer : Prof.Dr. Elif Çolakoğlu

Course Lecturer Nu. : -

Department Coordinator : Prof.Dr. Elif Çolakoğlu

Prerequisite :-

Teaching Techniques : Lecture (presentation), discussion, case study, and report

preparation and presentation methods

Reading List: There will be readings assigned from various sources pertaining to

each week's topic.



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WEEKLY COURSE PLAN

Weeks	Course Subjects					
1	Introduction/obligation sharing/subject distribution General conceptual structure (Environmental security, climate and climate change concepts, disaster and migration terminology)					
2	The global impact of disasters caused by climate change					
3	Displacement as a result of disasters caused by climate change Natural disasters, changing climate, and migration movements have all played a role in the historical process. Reading and discussion in general-1					
4	The relationship between the UN, climate security, and human security Climate change adaptation: "Climate change, disasters, international protection, and adaptation strategies" Reading and discussion in general-2					
5	Climate refugees and the legal context: Natural disasters, forced migration, and human rights					
6	Climate justice, migration, and legal proceedings Reading and discussion in general-3					
7	Midterm Exam					
8	Scientific basis of climate change, its effects and natural disasters in Turkey Security threats from climate change and migration in Turkey					
9	Climate change policies, legislation, and institutional structures in Turkey					
10	National security plans, climate security, natural disasters, and migration-1					
11	National security plans, climate security, natural disasters, and migration-2					
12	National security plans, climate security, natural disasters, and migration-3					
13	National security plans, climate security, natural disasters, and migration-4					
14	National security plans, climate security, natural disasters, and migration-5					
15	Final exam					



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ASSESSMENT METHODS

Term Learning Activities	Quantity	Percentage,
Attendance	1	10
Quiz	-	-
Midterm Exam	1	30
Practice	-	-
Term Project	-	-
Homework / Presentation	1	20
Final Exam	1	40
Total	4	100

ECTS* (STUDENT WORKLOAD)

Activities	Quantity	Duration (Hour)	Total Workload
Lectures	14	3	42
Study hours out of classroom (Study before and after the class)	15	3	45
Presentation / Seminar	1	3	30
Project (Term Paper)	-	-	-
Homework	-	-	-
Midterm Exam	1	25	25
Final Exam	1	35	35
Total	32	96	177
I	7		

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COURSE LEARNING OUTCOMES

Nu	Explanation
LO1	Understands climate change and disaster terminology
LO2	Understands concepts related to immigration and security issues
LO3	Understands the causes and consequences of migration, as well as the situation of climate refugees in terms of fundamental human rights
LO4	Identifies various examples, ranging from global to local, of how climate change influences population movement in various countries and regions around the world
LO5	Creates knowledge for the development of long-term solutions to the consequences of climate change migration
LO6	Learn about migration policies and related institutions that operate on a global scale
LO7	Learn how migration is dealt with in the context of security in the context of the relationship between climate security and disaster management in countries' national security strategies
LO8	Learn about Turkey's migration policies

PROGRAM QUALIFICATIONS

NI.	Explanation		Course Contribution Level					
No			1	2	3	4	5	
PO1	Graduates have the conceptual knowledge of public administration by understanding the relationship between them in terms of theory and practice.						X	
PO2	Graduates comprehend the multidisciplinary interaction related to the field of public administration.						X	
PO3	Graduates have basic rules regarding the administrative rules of central-local relations.						X	
PO4	Graduates have advanced knowledge of how to plan and realize them as well as being able to apply current research methods and techniques required by public administration as a science.						X	
PO5	Graduates can develop and deepen their knowledge in public administration at expert level based on their undergraduate level qualifications.						X	

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	Graduates know the theories of administration and			
	leadership, and based on these, they have the knowledge to			
PO6	report in various public institutions, especially security			X
	institutions, and to prepare their studies in accordance with			
	academic rules.			
	Graduates are attributed to their leadership and			
PO7	entrepreneurial abilities as individuals and as teams to solve			X
	any crisis, disruption or problem.			
	Graduates follow developments that have arising in the			
	fields of administration, law, politics, urbanization and			
PO8	environmental problems, which are the main branches of			X
	public administration in the world and the Republic of			
	Turkey, in theory and practice with an academic perspective.			

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAM OUTCOMES

All	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	5	5	5	5	5	5	5	5
LO2	5	5	5	5	5	5	5	5
LO3	5	5	5	5	5	5	5	5
LO4	5	5	5	5	5	5	5	5
LO5	5	5	5	5	5	5	5	5
LO6	5	5	5	5	5	5	5	5
LO7	5	5	5	5	5	5	5	5
LO8	5	5	5	5	5	5	5	5

CONTRIBUTION LEVEL: 1- Very Low

3- Middle 2- Low

4-High 5-Very High

Prof.Dr. Elif Çolakoğlu Lecturer

Bilgi İçin: Telefon No:+90 (312)464 Belgeyi Çıkaran Makam:



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Course Title : Seminar

Language of Instruction : Turkish

Course Objective : The course's goal is to identify a specific issue or problem in the

field of public administration, collect relevant data, analyze and discuss the data, and present the findings in a report in accordance with the proposed scientific writing rules. It also aims to prepare students taking the course for the thesis writing process by outlining the methods and procedures for conducting research.

Course Level : Compulsory

Course Type / Contents: This context addresses topics such as developing a research question, displaying the literature review, and determining the research method in the field of Public Administration. The prominent issues in this field are discussed in addition to being up to date in the thematic speeches specified in the relevant course weeks.

Course Credits : 3

Course Semester : Spring

Course Lecturer : Prof.Dr. Elif Çolakoğlu

Course Lecturer Nu. :-

Department Coordinator: Prof. Dr. Elif Çolakoğlu

Prerequisite :-

Teaching Techniques : Lecture (Presentation), Discussion, Case Study, and Report

Preparation and Presentation Methods

Reading List: There will be readings assigned from various sources pertaining to

each week's topic.

WEEKLY COURSE PLAN

Weeks	Course Subjects
1	General Introduction/The Importance of the Report of the Seminar/ The Process of Selecting Seminar Topics
2	Research, Methods and Techniques for Preparing Seminars/Basic Subjects such as Analysis on Completed Theses/The Determination of Research Method/Report Format for Preparation of Seminar
3	Current Thematic Speeches and Discussions
4	Current Thematic Speeches and Discussions

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5	Current Thematic Speeches and Discussions
6	Pre-Control of Seminar Reports
7	Presentation of Seminar Reports
8	Presentation of Seminar Reports
9	Presentation of Seminar Reports
10	Presentation of Seminar Reports
11	Presentation of Seminar Reports
12	Presentation of Seminar Reports
13	Presentation of Seminar Reports
14	Final Control of Seminar Reports
15	Submission of Seminar Reports

ASSESSMENT METHODS

Term Learning Activities	Quantity	Percentage, %
Attendance	-	-
Quiz	-	-
Midterm Exam	-	-
Practice	-	-
Term Project	-	-
Homework / Presentation	1/2	20/40
Final Exam	-	-
Total	3	100

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ECTS* (STUDENT WORKLOAD)

Activities	Quantity	Duration (Hour)	Total Workload
Lectures	14	3	42
Study hours out of classroom (Study before and after the class)	14	1	14
Presentation / Seminar	2	18	36
Project (Term Paper)	-	-	-
Homework	1	8	8
Midterm Exam	-	-	-
Final Exam	-	-	-
Total	31	30	100
F	4		

COURSE LEARNING OUTCOMES

Nu	Explanation	
LO1	Determines a topic for research in the field of public administration.	
LO2	Understands the fundamental concepts of scientific research.	
LO3	Explains the shape rules that must be followed when developing a research proposal and writing a report.	
LO4	Prepares the report using the scientific research method within the scope of the chosen research topic.	
LO5	Analyzes scientific research methods at all stages.	
LO6	Develops communication skills by presenting and debating in front of a community.	
LO7	Improves research abilities.	
LO8	Learns the fundamentals of research ethics.	



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No	Evolometian	Course Contribution Level						
No	Explanation		1	2	3	4	5	
PO1	Graduates have the conceptual knowledge of public administration by understanding the relationship between them in terms of theory and practice.						X	
PO2	Graduates comprehend the multidisciplinary interaction related to the field of public administration.					X		
PO3	Graduates have basic rules regarding the administrative rules of central-local relations.					X		
PO4	Graduates have advanced knowledge of how to plan and realize them as well as being able to apply current research methods and techniques required by public administration as a science.						X	
PO5	Graduates can develop and deepen their knowledge in public administration at expert level based on their undergraduate level qualifications.						X	
PO6	Graduates know the theories of administration and leadership, and based on these, they have the knowledge to report in various public institutions, especially security institutions, and to prepare their studies in accordance with academic rules.						X	
PO7	Graduates are attributed to their leadership and entrepreneurial abilities as individuals and as teams to solve any crisis, disruption or problem.				X			
PO8	Graduates follow developments that have arising in the fields of administration, law, politics, urbanization and environmental problems, which are the main branches of public administration in the world and the Republic of Turkey, in theory and practice with an academic perspective.						X	



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CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAM OUTCOMES

All	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	5	5	5	5	5	5	5	5
LO2	5	5	5	5	5	5	5	5
LO3	5	5	5	5	5	5	5	5
LO4	5	5	5	5	5	5	5	5
LO5	5	5	5	5	5	5	5	5
LO6	5	5	5	5	5	5	5	5
LO7	5	5	5	5	5	5	5	5
LO8	5	5	5	5	5	5	5	5

CONTRIBUTION LEVEL: 1- Very Low

2- Low

3- Middle

4-High

5-Very High

Prof.Dr. Elif Çolakoğlu

Lecturer



Document No.	FR.031
First Publication Tar.	10.05.2022
Rev. Tar./No.	-/00

Document Responsible: Directorate of the Ins. Of Sec. Sci.

Course Title : Disaster Victim Identification

Language of Instruction : Turkish

Course Objective : In cases where more than one person dies as a result of violent

force, the identification of the victims is a task with both legal and conscientious consequences. The changes that occur in the bodies of the victims after death by violent force make eyewitness identification difficult. At this point, identification methods used in forensic sciences should be used. In this course, it is aimed to provide students with information about both the legal and technical aspects of disaster victim identification (DVI) studies.

Course Level : Selective

Course Type / Contents : Students will be introduced to the legal and technical aspects of the

identification of disaster victims and the organization of disaster sites.

Course Credits : 3

Course Semester : Spring

Course Lecturer : Prof.Dr. Gökhan İbrahim ÖĞÜNÇ

Course Lecturer Nu. : 0312 464 75 00

Department Coordinator : Prof.Dr. Elif ÇOLAKOĞLU

Prerequisite :-

Teaching Techniques: Theorical

Reading List :

- 1. Thompson T., Black S. (2007), Forensic Human Identification; an Introduction, CRC Press
- 2. Rathbun T.A., Buikstra J. (1994), Human Identification case Studies in Forensic Anthropology, Charles C. Thomas Publication
- 3. INTERPOL DVI Guide and Annexes
- 4. Jensen R.A. (2000), Mass Fatality and Casualty Incidents; A Field Guide, CRC Press
- 5. World Health Organisation, (2004), Management of Dead Bodies in Disaster Situations, PAHO Publishing.
- 6. Latham K.E, BartelinkE.J., Finnegan M. (2018), New Perspectives in Forensic Human Skeletal Identification, Academic Press
- 7. Dudley, M.H. (2013), Mass Fatality Management; Concise Field Guide, CRC Press
- 8. Management of Dead Bodies After Disasters: a Field Manuel for First Responders

Bilgi İçin: Görevi: Telefon No:+90 (312)464



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9. Anstett E., Dreyfus J. (2015), Human Remains and Identification Mass Violence, Genocide, and the "Forensic Turn", Manchester University Press

WEEKLY COURSE PLAN

Weeks	Course Subjects			
1	Legal and Social Dimensions of Identification in Disasters			
2	Organizational Structure and Process of DVI Activities			
3	Scene Management and Identification in Disasters			
4	DVI International and National Procedures			
5	Death and Postmortem Changes			
6	Forensic Odontology Investigations in DVI Studies			
7	Midterm Exam			
8	Forensic Anthropology Investigations in DVI Studies			
9	Finger and Palmprint Investigations in DVI Studies			
10	Physical and Radiological Investigations in DVI Studies			
11	Forensic DNA Investigations in DVI Studies			
12	Formation of DVI Teams and Other Governmental Practices			
13	Case Studies in the Identification of Disaster Victims			
14	Case Studies in the Identification of Disaster Victims			
15	Case Studies in the Identification of Disaster Victims			



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ASSESSMENT METHODS

Term Learning Activities	Quantity	Percentage,
Attendance	14	10
Quiz	-	-
Midterm Exam	1	30
Practice	-	-
Term Project	-	-
Homework / Presentation	1	30
Final Exam	1	30
Total		100

ECTS* (STUDENT WORKLOAD)

Activities	Quantity	Duration (Hour)	Total Workload	
Lectures	14	3	42	
Study hours out of classroom (Study before and after the class)	14	3	42	
Presentation / Seminar	1	20	20	
Project (Term Paper)	-	-	-	
Homework	1	20	20	
Midterm Exam	1	25	25	
Final Exam	1	30	30	
Total	32	72	179	
]	ECTS Credits			

Bilgi İçin:



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COURSE LEARNING OUTCOMES

Nu	Explanation					
LO1	Comprehend the concept of identification and its legal dimensions.					
LO2	Learn the organization and working systems of DVI units					
LO3	Will be able to coordinate identification activities in disaster events.					
LO4	Learn about the national and international procedures applied in DVI.					
LO5	Learn the processes of death and the changes that take place in funerals after death.					
LO6	Learn forensic odontological examination processes in DVI studies.					
LO7	Learn forensic anthropological examination processes in DVI studies.					
LO8	Learn finger and palm print examination processes in DVI studies.					
LO9	Learn physical and radiological examination processes in DVI studies.					
LO10	Learn forensic DNA examination processes in DVI studies.					
LO11	Examine the formation of DVI teams and other state practices					
LO12	Analyze case studies in DVI studies and evaluate the experiences gained					

PROGRAM QUALIFICATIONS

No	Evalenation	Course Contribution Level					
140	Explanation	0	1	2	3	4	5
PO1	Knows the stages of management in disasters and						X
	emergencies.						
PO2	Understands the multi-disciplinary interaction related to the field.					X	
PO3	Knows the minimum criteria for combating disasters and emergencies.						X
PO4	Can use management resources in disasters and emergencies.					X	
PO5	In addition to being able to lead, with entrepreneurial skills, it carries out studies for harm reduction in disasters and emergencies, and assumes responsibility as an individual and team.						X
PO6	To be able to follow the theoretical and practical developments in Disaster Management in national and international scale with an academic perspective.						X
PO7	Knows the rules about complying with the principles of professional ethics.						X
PO8	Knows logistics applications in disasters and emergencies.					X	

Bilgi İçin: Görevi:



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CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAM OUTCOMES

All	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	5	5	4	4	5	5	5
LO2	5	5	5	5	5	5	5	5
LO3	5	5	5	5	5	5	5	5
LO4	5	5	5	5	5	5	5	5
LO5	2	2	2	1	2	1	3	2
LO6	3	5	4	3	3	5	5	5
LO7	3	5	4	3	3	5	5	5
LO8	3	5	4	3	3	5	5	5
LO9	3	5	4	3	3	5	5	5
LO10	3	5	4	3	3	5	5	5
LO11	3	5	4	3	3	5	5	5
LO12	5	5	5	5	5	5	5	5

CONTRIBUTION LEVEL: 1- Very Low 2- Low 3- Middle 4-High 5-Very High

Prof.Dr. Gökhan İbrahim ÖĞÜNÇ Lecturer

..../..../.....

Prof.Dr. Elif ÇOLAKOĞLU

Head of Department of Public Administration
for Post-Graduate Programs