

NATIONAL UNIVERSITY OF PUBLIC SERVICE
Faculty of Military Education and Officers' Training
ERASMUS OFFER for INCOMING STUDENTS valid from 2014/15 AY autumn semester

CURRICULUM/SYLLABUS		
Institute: Military Leadership Institute		Department of the Institute: Department of Military Operations
Subject/title: Natural, man-made disasters and geography		
Code: ERH59MMDG		
Credit: 3credit		
Level (bachelor/master/PhD): bachelor/master/PhD		
Tutor(s): Klára Kecskeméthy Prof. Siposné		
Duration: 10 weeks	Contact hours per semester: 30	Contact hours per week: 2
Assessment/exam type: written exam - case study		
DESCRIPTION		
The aim of the subject: The relationship between disasters, geography and security. Geographical evaluation of the continents from security and disasters points of view. Consequences and implications of natural disasters and its security implications, examples from different continents (Europe, Asia, Africa, Central and South America, Australia). The effects, consequences and implications of man-made disasters, and their relationship with security (nuclear power stations, chemical, biological and radiological accidents etc.). Natural and man-made disasters and its implications (black out, white out, critical infrastructure). New phenomenon: dark tourism, grief tourism, disaster tourism, black spots etc. Disaster geographical evaluation of Hungary (geographical location, physical, social, and economic geography). Individual preparation of the Case Study of a given country, a region or sub-region evaluation from the disaster geographical point of view.		
Teaching and learning methods: During the studies the students have lectures and seminars, individual work is required.		
Timetable:		
Week		
1.	Relationship between geographical space and security, impact of different geographical factors	
2.	Relationship between different disasters and security. Natural, social and economic situation of the continents and its interrelation with security	
3.	Consequences of natural disasters their relationship with security examples of Europe, Asia and Africa.	
4.	Consequences of natural disasters their relationship with security examples of Central-and South America, Australia	
5.	The effects, consequences and implications of natural disasters, and their relationship with security (earthquake, hurricane, tsunami, flood, tornado, forest fire, volcano eruption, avalanche)	
6.	Man-made catastrophes' their impact, consequences and its relationship with security (nuclear power stations, chemical, biological and radiological accidents)	
7.	Man-made and natural disasters and its implications (black out, white out, critical infrastructure)	
8.	Dark tourism, grief tourism, disaster tourism, black spots	
9.	Disaster geographical evaluation of Hungary (geographical location, physical, social, and economic geography) from the point of view of security.	
10.	Case study (The relationship between disasters and geography)	

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Assessment/Grading:

The studies end with a case study (The relationship between disasters and geography).

Description of the exam: case study - written exam

Readings:

The Disaster Cycle

<http://geography.about.com/od/hazardsanddisasters/a/The-Disaster-Cycle.htm>

James M. Kendra: Geography's Contributions to Understanding Hazards and Disasters p. 15-30. David A. McEntire (edited): Disciplines, disasters and emergency management, Charles C. Thomas Publisher Ltd., 2007. p. 344.

Typhoon Haiyan (Yolanda) Strategic Response Plan, 27 December 2013, Philippines Humanitarian Country Team, p. 87.

The Federal Response to Katrina Hurricane Lessons Learned, February 2006, p. 228.

<http://library.stmarytx.edu/acadlib/edocs/katrinawh.pdf>

The geography of poverty, disasters and climate extremes in 2030, October 2013

www.odi.org/poverty-disasters-2030

Richard Sharpley and Philip R. Stone: The Darker Side of Travel, The Theory and Practice of Dark Tourism, Channel View Publication, Bristol-Buffalo-Toronto, 2009. p. 286.

Recommended websites:

Lessons Learned from the Nuclear Accident at the Fukushima Daiichi Nuclear Power Station, Special Report, INPO 11-005 Addendum, August 2012, p. 42.

http://www.nei.org/corporatesite/media/filefolder/INPO_11-005_Fukushima_Addendum_1.pdf

Earthquake Active Search:

<http://earthquake.usgs.gov/earthquakes/search/>

Global disaster website:

<http://www.gdacs.org/>

National Geography - <http://environment.nationalgeographic.com/environment/natural-disasters/>

Natural Disasters and Catastrophes, <http://atlantisireland.com/hazards.php>

US Geological Survey, Earthquake Hazard Program, <http://earthquake.usgs.gov/>

Remarks:

Budapest, October 19, 2014.

Klára Kecskeméthy Prof. Siposné