

# EVENT REPORT FORM<sup>1</sup>

Project title	Development of master curricula for natural disasters risk management in Western Balkan countries
Project acronym	NatRisk
Project reference number	573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP
Coordinator	University of Nis
Project start date	October 15, 2016
Project duration	36 months

Event	Training of teaching staff for innovative teaching methods
Type of event	Training
Venue	Senate and Council Meeting Room, TUC
Date	10-11 July 2017
Organizer	Technical University of Crete (TUC), Chania, Greece
Reporting date	11 July 2017
Report author(s)	Georgios Stavroulakis

Project number: 573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP

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<sup>1</sup>This form has to be filled by event organisers and sent on e-mail address: [natriskuni@gmail.com](mailto:natriskuni@gmail.com) five days after event. The term event relates to the meetings, workshops, exhibitions, conferences, etc....

## EVENT DESCRIPTION

### with special reference to goals and outcomes

<b>Number of participants at the event</b>	25
<b>Participants (organisations)</b>	WB partners, TUC
<b>Event description:</b>	
<p>This document reports the Training of teaching staff for innovative teaching methods of the Erasmus+ Capacity Building in the Field of Higher Education project „Development of master curricula for natural disasters risk management in Western Balkan countries“ (NatRisk), held at the Technical University of Crete (TUC) from 10 to 11 July 2017.</p> <p>Twenty-five representatives from 6 partner institutions were present at the meeting (16 out of 25 were from WB partner HEIs - UNI, UNID, UPKM, UNSA, VSUP).</p> <p><b>First day</b></p> <p>The participants’ registration started at 09:20. The training was chaired by Prof. Georgios Stavroulakis, deputy Rector, head of Quality Assurance Unit School of Production Engineering and Management, TUC. The objective was to introduce to WB project partners the most relevant issues related to humanitarian logistics, quality assurance techniques, earthquake-related geohazards and seismic design and MSc Course Geoenvironmental Risk &amp; Resources and the UNESCO Chair on Solid Earth Physics &amp; Geohazards Risk Reduction.</p> <p>Prof. Georgios Stavroulakis, deputy Rector, head of Quality Assurance Unit School of Production Engineering and Management, TUC, presented the Technical University of Crete (TUC) regarding its history, schools, mission and vision. He also talks about current projects, satellite station and graduate studies as well as Quality Assurance Unit. Hellenic Quality Assurance &amp; Accreditation Agency (HQA) (<a href="http://www.hqaa.gr/en/index.php">http://www.hqaa.gr/en/index.php</a>) was presented which started its operation in 2006 with the purpose to develop and implement a unified quality assurance system, as a reference point for the achievements and work of the Higher Education Institutions. Quality Assurance Unit at the TUC (<a href="http://www.aqua.tuc.gr/ctrl">http://www.aqua.tuc.gr/ctrl</a>) was introduced regarding its structure, tasks, and actions. Each TUC's school has internal evaluation group and own electronic system.</p> <p>Prof. Vassilis Moustakis, Technical University of Crete (TUC), talked about humanitarian logistics including the objectives of logistics management and cardinal humanitarian principles. He also explained mutual learning between humanitarian logistics and commercial logistics.</p> <p>Prof. Yiannis Tsompanakis, School of Environmental Engineering, TUC, presented the topic about earthquake-related geohazards and seismic design of onshore and offshore pipelines in southeaster Mediterranean region. He talked about seismic hazard and earthquake-related geohazards which can be considered before designing infrastructure.</p> <p>Asst. Prof. Maria Stavroulaki, School of Architecture TUC, talked about structural</p>	

analysis of monuments/historical buildings. She highlighted the need for acquiring knowledge about structure, mechanical characteristics of materials and environmental conditions they are exposed to, in order to reconstruct objects in most adequate way, disregarding the damage was made by human or natural disaster causes.

Prof. Filippos Vallianatos, Technological Educational Institute of Crete presented a) the MSc Course Geoenvironmental Risk & Resources including program structure, duration and subjects and b) the UNESCO Chair on Solid Earth Physics & Geohazards Risk Reduction.

The first day finished at 16:30.

### **Second day**

The second day started at 09:30 opening by Prof. Georgios Stavroulakis. Dr. Yannis Marinakis, School of Production Engineering and Management, TUC, presented optimal flow in networks: application on logistics. He highlighted using some variants of the vehicle routing problem with time windows and algorithms to solve this problem such as heuristic, metaheuristic, local search and evolutionary and swarm intelligence algorithms.

Maria Bakatsaki, PhD candidate, School of Production Engineering and Management, TUC, presented how to implement successfully a Quality Assurance System. She explained methods of measuring learning outcomes and value added. Dr. Georgios Tairidis, School of Production Engineering and Management, TUC, presented smart neurofuzzy systems and how they can be used regarding natural hazards such as identification of hazards, how the risks are distributed and how to assess the risks.

Prof. Nikos Passadakis, School of Mineral Resources Engineering, TUC, presented Petroleum engineering MSc course (<http://www.peteng-master.tuc.gr>) which is organised according to international standards and with a connection with the industry.

Ass. Prof. Panagiotis Partsinevelos, School of Mineral Resources Engineering, TUC, presented the topic about geoinformatics and usage of UAV in natural disasters. He showed how to use mapping such as 3D, thermal and multi-spectral) to WB partners.

Panagiotis Alevantis, Former EU executive officer, presented the topic about accidents and disasters in line with the EU's action. He explained what impacts on decision making such as human impact, economic impact, public opinion and industrial, political and academic lobbies, competences conferred by the Treaties. Also, he represented EU legislation regarding disasters.

The second day finished at 14:30.

## Attachments

<b>Agenda (pdf)</b>	TUC training - agenda
<b>Attendance sheet (pdf)</b>	TUC training - participation list
<b>Photos (jpg)</b>	
<b>News form (pdf)</b>	08 Study visit and training of teaching staff in Chania - news
<b>Deliverable (pdf)</b>	TUC - Training report
<b>Presentations (pdf)</b>	<p>01 Presentation of TUC, Graduate studies and Quality Assurance Unit - Georgios Stavroulakis</p> <p>02 Humanitarian logistics - Vassilis Moustakis</p> <p>03 Earthquake-related geohazards and seismic design of onshore and offshore pipelines in southeaster Mediterranean region - Maria Stavroulaki</p> <p>04 The MSc Course Geoenvironmental Risk &amp; Resources and the UNESCO Chair on Solid Earth Physics &amp; Geohazards Risk Reduction - Filippos Vallianatos</p> <p>05 Optimal flow in networks: application on logistics - Yannis Marinakis</p> <p>06 Quality assurance techniques - Maria Bakatsaki</p> <p>07 Smart neurofuzzy systems - Georgios Tairidis</p> <p>08 Petroleum education and research in the Technical University of Crete - Nikos Passadakis</p> <p>09 Geoinformatics and usage of UAV in natural disasters - Panagiotis Partsinevelos</p> <p>10 Accidents and Disasters: overview of the EU's action - Panagiotis Alevantis</p>
<b>Other personal remarks</b>	

## Organisation details

<b>Invitation sent to</b>	30 participants
<b>Date of event material release</b>	11 July 2017
<b>Date of participants list's finalisation</b>	11 July 2017
<b>Date of agenda finalisation</b>	04 July 2017
<b>Number of participants (according to the participants list)</b>	25

**Comments**

**Problems encountered during the event preparation phase**

Please add your comments, if any:

**Strengths and limitations of the event (please include comments received)**

<b>Strengths of the event and contributions or activities by participants</b>	<ul style="list-style-type: none"> <li>➤ Good interaction and experience exchange between participants</li> <li>➤ Presentations were very useful</li> <li>➤ Presented topics were of great importance for the further development of training material for citizens and public sector</li> <li>➤ Friendly atmosphere coupled with useful discussion</li> </ul>
<b>Suggestions for the improvement</b>	<ul style="list-style-type: none"> <li>➤ Improve interactions with participants</li> </ul>
<b>Any further comments</b>	<ul style="list-style-type: none"> <li>➤ The organisation was at the highest level</li> <li>➤ The goals and objectives of meeting was successfully met</li> </ul>

## Evaluation details

### Results of evaluation of the general organisation of the event

#### Description

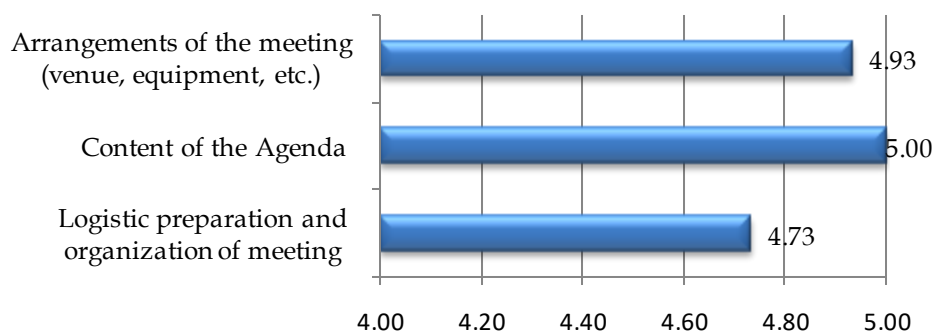
The general opinion is that the training was excellent organised.

#### Table(s)/Figure(s)

The general organisation of the study visit in percentage is presented in the following table:

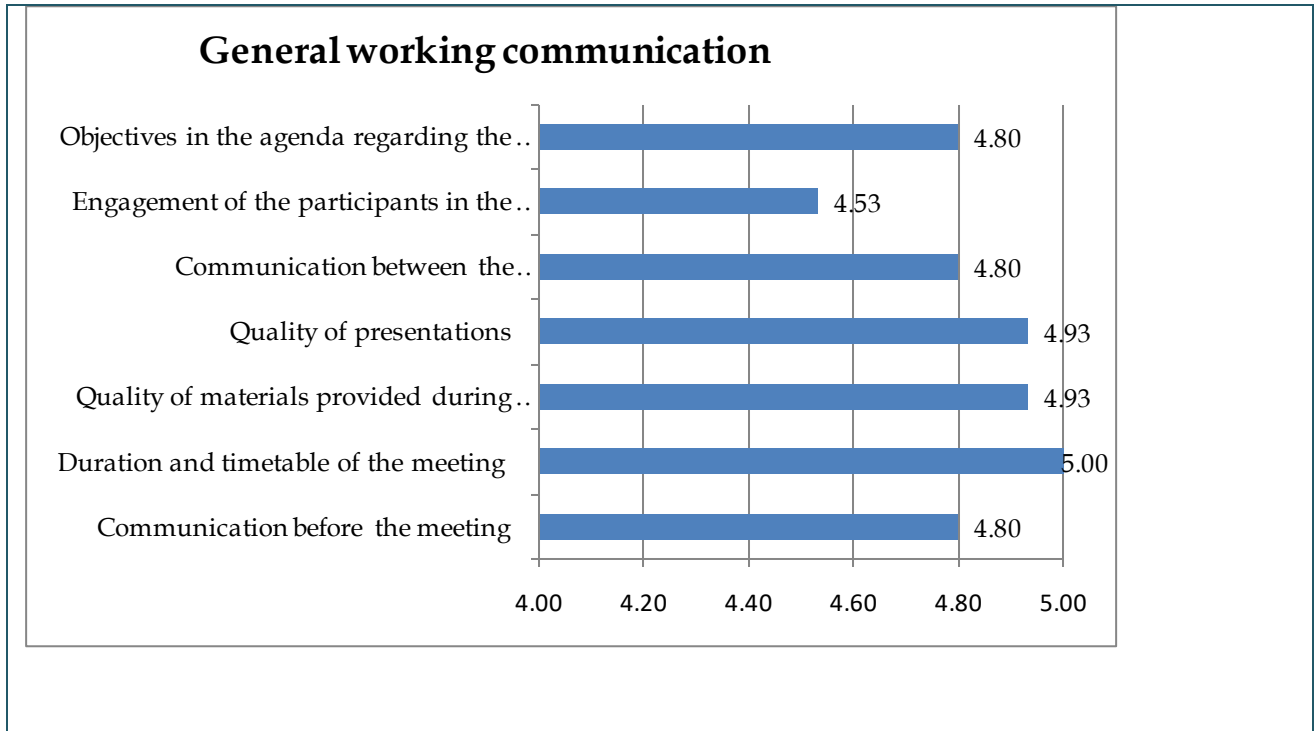
Grading	Poor	OK	Good	Very Good	Excellent
Logistic preparation and organization of meeting	0	0	0	26.7	73.3
Content of the Agenda	0	0	0	0	100.0
Arrangements of the meeting (venue, equipment, etc.)	0	0	0	6.7	93.3

#### The general organisation of the training



## Results of evaluation of general working communication

<b>Description</b>					
The quality of presentations and prepared agenda and material were evaluated with high marks.					
<b>Table(s)/Figure(s)</b>					
The general working communication in percentage is presented in the following table:					
<b>Grading</b>	<b>Poor</b>	<b>OK</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Communication before the meeting	0	0	0	20.0	80.0
Duration and timetable of the meeting	0	0	0	0	100.0
Quality of materials provided during the meeting	0	0	0	6.7	93.3
Quality of presentations	0	0	0	6.7	93.3
Communication between the coordinator of the project and the other partners	0	0	6.7	6.7	86.7
Engagement of the participants in the activities and discussions	0	0	0	46.7	53.3
Objectives in the agenda regarding the NatRisk project are reached	0	0	0	20.0	80.0

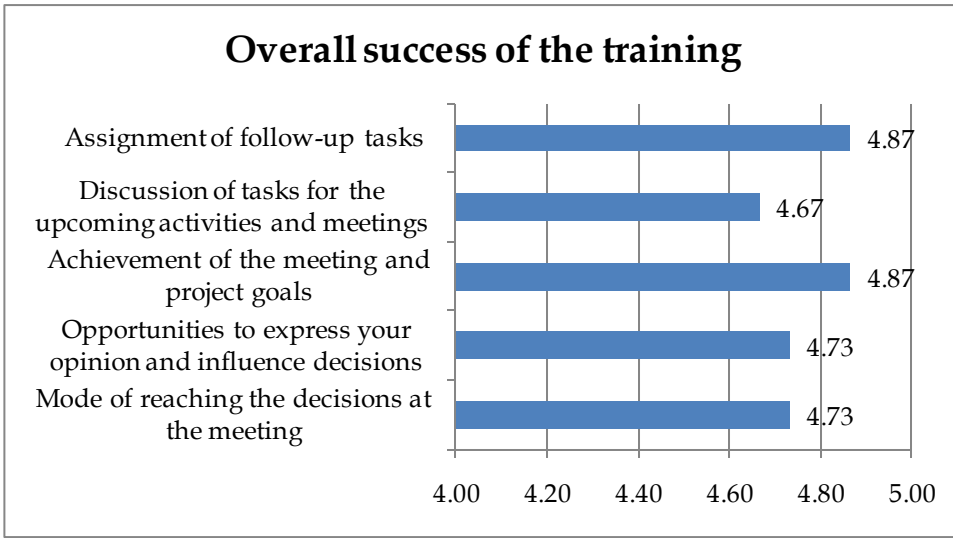


### Results of evaluation of overall success of the event

Description					
The overall success of the training was graduated as excellent.					
Table(s)/Figure(s)					
The overall success of the meeting in percentage is presented in the following table:					
Grading	Poor	OK	Good	Very Good	Excellent
Mode of reaching the decisions at the meeting	0	0	0	26.7	73.3
Opportunities to express your opinion and influence decisions	0	0	0	26.7	73.3
Achievement of the meeting and project goals	0	0	0	13.3	86.7



Discussion of tasks for the upcoming activities and meetings	0	0	0	33.3	66.7
Assignment of follow-up tasks	0	0	0	13.3	86.7



Please indicate your suggestions for further event's improvement:

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Location, date

Chania, 11 July 2017

Signature

Georgios Stavroulakis