



DISASTER MANAGEMENT  
TRAINING PROJECT

## EVENT REPORT

# **Using GIS and other computer simulation tools for Planning rescue and protection operations**

Ohrid, Macedonia

24 - 28 September 2012

### **1. Topic and Objective of Event and General Information**

This training was Macedonian contribution to the Disaster Management Training Programme of the Disaster Preparedness and Prevention Initiative for South Eastern Europe (DPPI SEE) for 2012 and was organized by the Protection and Rescue Directorate of the Republic of Macedonia.

The training was held at Hotel Belvedere in Ohrid, Macedonia.

The language of the seminar was English but there was a translator provided only for the second day of the seminar.

The seminar is free of charge for 2 participants per DPPI SEE member country for board and lodging, lectures, printed material, social activities according to the programme and transfer from/to the point of arrival to the Hotel Belvedere, Ohrid.

The aim of the training is to gain theoretical knowledge and basic practical skills in the field of using GIS and other computer simulation tools for planning protection and rescue operations. The training will therefore improve the participants' knowledge of basic skills and techniques of using GIS and other computer simulation tools for planning protection and rescue operations.

The activities were divided into several blocks:

1. Presentations by the participants about their countries and institutions capacities for the usage of GIS and introduction to the basics of the planning process of the protection and rescue operations;
2. Introduction to the GIS and other computer simulation tools as well as the possibilities of their usage in the operations planning process;
3. Usage of the GIS and other computer simulation tools in the planning process;
4. Preparations and dividing participants into separate groups for the execution of a computer assisted exercise and using GIS applications.

The activities were implemented with the assistance of the lecturers – experts in the field of the operations planning and GIS. The lecturers secured and presented relevant data and give advices and support the participant's trough out the presentations and the execution of the exercise.

## 2. Lecturers

Lecturers were the following:

No.	Name /Family name	Organization	Country
1	Phd. Aleksandar Doncev	FON University, Skopje	Macedonia
2	Phd. Vanco Gjorgjiev	Faculty of Civil Engineering, Skopje	Macedonia
3	MSc. Gjorgji Gjorgjiev	Faculty of Civil Engineering, Skopje	Macedonia

## 3. Participants

Course was attended by 17 participants from 8 countries:

No.	Name /Family name	Organization	Country
4.	Pavel Kapricheski	Protection and rescue directorate	Macedonia
5.	Marijan Dautov	Protection and rescue directorate	Macedonia
6.	Dejan Spasevski	Protection and rescue directorate	Macedonia
7.	Fatjona Xhaferi	Ministry of Interior	Albania
8.	Irena Ymeti	Institute of Geosciences, Energy, Water and Environment	Albania
9.	Georgi Damyanov	Fire Safety and Civil Protection Chief Directorate, Ministry of Interior	Bulgaria
10.	Veselin Peev	Fire Safety and Civil Protection Chief Directorate, Ministry of Interior	Bulgaria
11.	Constantin Ganea	General Inspectorate for Emergency Situations	Romania
12.	Radu-Grigore Copcea	General Inspectorate for Emergency Situations	Romania
13.	Miloje Milojevic	Ministry of interior, Sector for Emergency Management	Serbia
14.	Jozef Mahacek	Ministry of interior, Sector for Emergency Management	Serbia
15.	Danilo Miljevic	Sector for emergency management and civil protection	Montenegro
16.	Zlatko Micanovic	Sector for emergency management and civil protection	Montenegro
17.	Nikola Krizmanic	National Protection and Rescue Directorate	Croatia
18.	Mislav Krleza	National Protection and Rescue Directorate	Croatia
19.	GÖKHAN ÖZKAN	Disaster and Emergency Management Presidency	Turkey
20.	SULE GURBOGA	Disaster and Emergency	Turkey

	Management Presidency	
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#### **4. Problems and solutions**

The most evident problem for the teaching team was the participants' different levels of knowledge about GIS. With their proficiency ranging from beginner to advanced, it was not possible to tailor the course to every participant's needs.

#### **5. Opinions of participants**

From organizational aspect there were no issues found during the organization and execution of the seminar. The numbers of days for the execution of the seminar are sufficient and meet the overall goal, emphasizing that more events in the field of GIS usage are needed in the form of basic, intermediate and advanced workshops and courses on which participants can practice and thus improve the usage of the GIS applications and other tools. This first seminar should represent a step towards establishing a series of courses and workshops in the field of usage of GIS and other computer simulation tools. Overall the participants expressed their satisfaction with the course as well as with the way the course was conducted.