Minutes

FLOODRESC

(Logistic support system for flood crisis management in the Hernád/Hornad catchment)
SKHU/1601/4.1/187

Venue: University of Security Management at Kosice, Kosice, Slovakia
Date: 26.08.2019. 10:00-12:00

Participants:

Jozefína Drotárová (VSBM)

Lucia Kovácová (VSBM)

Martina Vacková (VSBM)

Peter Losonczi (VSBM)

Peter Blistan (TUKE)

Eke Zoltán (BZ Nkft)

Kiss Levente (BZ Nkft)

Németh Róbert (TaF alapítvány)

Koczka Ivett (Holocén)

Kiss József (Holocén)

Dojcsák Dávid (BAZMKI)

Martina Zelenakova (TUKE)

Dr. Dobos Endre (UM)

Vágó János (UM)

10:00-10:30: Welcome speech from Peter Losonczi VSBM.

Dr. Endre Dobos (UM), the project leader gave a brief introduction on the aim of the meeting: The main aim of the meeting is to introduce the results of the completed activities and to discuss the process of the ongoing activities that must be completed in this reporting period and all the relevant tasks.

Completed activities

Act3 Specifiacation of model details

As a results of this activity 2 documents have been created. The first one is the document describing the functions of the logistical and flood modeling applications and their input data needs. The other document is the list of those GIS data layers what are essentially needed to run the models.

Act4 GIS database development

As a result of this activity the University of Miskolc compiled a GIS database, covering Borsod-Abaúj-Zemplén and Kosice counties. There was a delay in the finalization of this DB due to the Lidar DEM survey, what was completed near the end of the 3rd reporting period, therefore the completion of the database took for 16 months. Some of the spatial data layers need some post processing to fulfill the requirements of the logistical modeling algorithm. The content of the data layers should be updated regularly.

Act5 GIS database harmonization

The Database what was created in the Act3 has been combined and harmonized with the Floodlog GIS database what was created in our previous joint project. As a result of this activity a GIS database has been completed and a document has been compiled to describe the content of this database.

Act6 Disaster medicine protocol

As a result of several meetings with the experts of this field, 3 documents have been created. 2 documents was made by the Holocén (and its subcontractors) while one document was created by the experts of TUKE.

Act7 Environmental impact assessment studies

The responsible partners for this activity were the TUKE and the Holocén. Altogether 2 documents have been compiled with the same structure and thematic content, one for the Hungarian side and one for Slovakian side of the Hernad watershed.

Act8 Flood modeling

The result of this activity is the operational flood modeling algorithm, what was developed by the subcontractor of University of Miskolc. The model in its recent form is able to be run,

however the GIS database what is necessary to run the model is still under post processing, because the Lidar DEM has some errors. These errors must be corrected manually, what is very time-consuming.

Ongoing activities

Act9 Logistical model development

The model algorithm development is in the final stage, the fully operational, completed version will be completed by mid-October.

The minutes was compiled by János Vágó

Endre Dobos

project manager

Interreg
Slovakia-Hungary

EUROPEAN UNION

Building Partnership

Attendance

Venue: University of Security Management, Kosice
Date: 2019.08.26.

NAME	ORGANISATION	SIGNATURE
Jozefína Drotárová	USM KE	
Lucia KOVÁČOVÁ	USM Košice	
Martina Vacková	USM KOSICE	
Peter Lošonczi	USM Košice	
Peter Blišťan	TUKE	
EKE ZOLTÁN	BZN KFT.	
KISS LEVENTE	BZN KFT	
Németh Robert	Tiszteletikikint	
KOVÁČ IVETT	HOLOREN TUE	
Kiss József	Holocen RLt	
DOTCSÁK DÁVID	BZ MKI	
MARTINA ZEZENÁKOVÁ	TUKE	
DOBOS ENDRE	ME	
VÁGÓ JÁNOS	ME	