

Minutes**FLOODRESC**

(Logistic support system for flood crisis management in the Hernád/Hornad catchment)

SKHU/1601/4.1/187

Venue: Technical University of Kosice, Kosice

Date: 16.05.2018. 10:00-11:00

Participants:

Peter Blistan (TUKE)

Dr. Dobos Endre (UM)

Vágó János (UM)

10:00-10:10: Welcome speech from the project leader, Dr. Endre Dobos (UM).

The aim of the meeting is to discuss the process of data layer development required for the the flood model.

In the second period the ongoing task is the development and collecting, purchasing of these GIS data layers. The TUKE is the responsible data provider on the Slovakian side of the Hernád watershed.

10:10-11:00: Peter Blistan told, that the required data layers are available. The Slovakian source of all the relevant GIS data layers will be the Ministry of Environment and the UGKK.

High resolution digital elevation model is needed for the flood modeling activity. It would be advantageous to cover the entire catchment area with a LIDAR DEM, what has the available best spatial resolution. On the Hungarian side of the potentially flooded area the development of this LIDAR dem will be subcontracted. The higher parts of the watershed which are not endangered by the floods will be covered by the freely available SRTM dem. On the Slovakian side LIDAR dem cannot be purchased, therefore the upper part of the catchment area will be covered by aerial images (orthophotos). The 12.000 EUR budget of the TUKE designated for this data layer development will cover the whole SK Hernád watershed.

Land use mapping is also important for the flood modeling, because it will be used as input data layer in the model. The responsible for this task is the University of Miskolc. The required input spatial data layers to the land use mapping area satellite images, in this task the freely available Sentinel 2 sat. images will be used.

Next meeting: 04.06.2018, Kosice. The topic of that meeting will be the EIA study.

The minutes was compiled by János Vágó



Endre Dobos
project manager

Venue: Technical University of Kosice (TUKE)

[illegible]