



Multi-level capacity building for flood management (Project in Romania)

Content

Romania is a member state of the European Union since 2007. Like other EU member states, Romania has to implement the EU Flood Directive. The implementation needs to be carried out mainly on regional level. However, in many cases, the regional authorities lack financial, managerial, and content related capacity to make sure the implementation is successful. Especially the implementation of the second phase of the EU Flood Directive (flood hazard & risk maps) leads to capacity problems.

Proposal

The project was aimed at the increase of capacity for regional water authorities concerning flood risk modeling, damage calculating, risk assessment and mapping. The project approach was two-sided; on the one hand HKV improves the knowledge of the Romanians by providing the latest insights and techniques concerning the second step of the EU Flood Directive. On the other hand, **World Water Academy (WWA)** was dealing with the didactical part of the project. This two-sided approach led to a modular training program and Romanian professional trainers (with updated knowledge) to deliver the trainings. This is sustainable way to improve the capacity at the (regional) water authorities.

Realization

With a steering committee, existing of the main project partners, the learning objectives were determined, based on a Training Needs Analysis. Some future Romanian trainers from the project partners were selected to become trainers for professionals of the regional water authorities in Romania (ABAs). Meanwhile, HKV elaborated the pilot project to show the Dutch probabilistic approach in Romanian context. The results of this pilot were input for the training material of the course.

The didactical trainings consisted of *three steps*: Step 1: **WWA** trained project members of HKV in their didactical skills to help them to train the selected Romanian trainers.

Secondly, a two-weeks training program was developed and delivered by **WWA** and HKV to train the Romanian trainers in *didactics* (to become able to train others) and *content-related topics* (such as SOBEK modeling, mapping, probabilities of dike failure and damage calculations probabilistic flood risk approach).

The third step was the training of two professionals from each of the eleven ABAs in a three-days seminar Bucharest. They were trained by the Romanian trainers, mentored by HKV and **WWA**.

Location:

Bucharest
(Romania)

Period:

2011

Partners:

Partners for Water
(NL – *financer*)

HKV consultants (NL),
Technical University
of Civiil Engineering
in Bucharest (RO),
National Hydraulic
Institute (RO),
Apele Romane (RO) and
Eurodite (NL)



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