

Training course on monitoring software (MAREX module 1)

Software program for the monitoring of mining activities and their environmental impacts in Hoa Binh, Vietnam

Location: Department of Natural Resources and Environment Hoa Binh (DoNRE)

Time: 1st part: 14 May 2018, afternoon; 2nd part: 16 May 2018, morning

Trainers: Prof. Dr. Nguyen Xuan Thinh, M.Sc. Haniyeh Ebrahimi Salari (TU Dortmund University)

Participants: 15

Objective:

Provide to participants the basic skills of using spatial data and training on the developed software program (based on the open source GIS software) for the management and monitoring of mining activities and the effects of mineral extraction on the environment. The trainers will give the participants know-how and methods for developing environmental monitoring systems on the basis of monitoring data and information in Hoa Binh province and demonstrate the use of the software program developed by the research team of the TU Dortmund University.

Program – 1st part: 14 May 2018, afternoon

13.00-13.30	Welcoming and Introduction in to the workshop, Handing over workshop material
13.30-14.00	Installation of the developed software program for management of mining activities and their environmental impacts in Hoa Binh, Vietnam
14.00-15.00	Introduction into the input data structure needed for the developed software
15.00-15.15: Coffee break	
15.15-16.30	Training on the analysis tools: <ul style="list-style-type: none"> • <i>Evaluating monitoring stations to detect limit value exceedance of environmental indicators</i> • <i>Clustering of monitoring stations to determine the level of environmental contamination</i>
16.30-17.00	Answering questions about the software program

Program – 2nd part: 16 May 2018, morning

8.00-9.00	Training on the analysis tools: <i>Evaluating land use around mining sites to detect the existing land-use conflicts</i>
9.00-10.00	Reporting tool: <i>to determine the over-explored mining areas considering the total licensed operational area</i>
10.00-10.15: Coffee break	
10.15-11.15	Training on the Maintaining tools: <i>storing and maintaining geodatabase for legal mining sites</i>
11.15-11.30	Training on the Web Mapping with QGIS to present the results of tools
11.30-12.00	Consultation and Answering remaining issues/questions about the software program

Photo gallery



SPONSORED BY THE

