Geoinformatics and Earth Observation for Landslide Monitoring Italy-Vietnam

Open Workshop

15 December 2021 9-13 CET / 15-19 GMT+7

Organized by GIS GEOLab of Politecnico di Milano and Hanoi University of Natural Resources and Environment

Agenda

Welcome of the deputy director of the Department of International Cooperation, Ministry of Science and Technology of Vietnam, *Mr. Van Thang Luong* (9:00-9:05)

Welcome of the Science Attachè of Italy in Vietnam, *Prof. Marco Abbiati* (9:05-9:10)

Welcome of the vice Rector of Hanoi University of Natural Resources and Environment, *Prof. Le Thi Trinh* (9:10-9:15)

Welcome of the Delegate of the Rector of Politecnico di Milano, *Prof. Cristiana Bolchini* (9:15-9:20)

Overview of the project and main results of the first year, *Prof. Maria Antonia Brovelli*, Politecnico di Milano (9:20-9:35)

1. The products of GEOLMIV - Italian side, *Eng. Vasil Yordanov*, Politecnico di Milano (9:35-10:05)

2. Susceptibility Maps and Monitoring, *Mr. Lorenzo Amici*, Politecnico di Milano (10:05-10:25)

3. A hybrid approach to classify susceptibility, *Diego Cumming*, Politecnico di Milano (10:25-10:35)

4. Geomorphological analysis of Alta Valtellina and Val Tartano and susceptibility map validation, *Prof. Laura Longoni*, Politecnico di Milano (10:35-10:50)

5. GEOLMIV and Education: the shared GIS Lab, *Prof. Maria Antonia Brovelli*, Politecnico di Milano (10:50-11:00)

Coffee break (11:00 -11:20)

1. The products of GEOLMIV on Vietnam side, *Dr. Xuan Quang Truong*, Hanoi University of Natural Resources and Environment (11:20 -11:40)

2. Determination of vegetation cover change and the relationship with landslide location in Yen Bai area, *Prof. Van Anh Tran*, Hanoi University of Mining and Geology (11:40 - 11:55)

3. Studying Land Use and Land Cover Changes in the study area, *Dr. Thi Hang Do*, Osaka City University and Hanoi University of Mining and Geology (11:55 -12:05)

4. A convolutional neural network-based approach in landslide susceptibility mapping, PhD candidate, *Mr. Manh Van Nguyen*, National Cheng Kung University (NCKU), Taiwan and Vietnam Academy of Science and Technology (12:05-12:25)

5. Science & Technology for Landslide Hazards Management, *Dr. Quoc Dinh Nguyen*, Vietnam Institute of Geosciences and Mineral Resources (12:25-12:40)

Wrapping up and the agenda for 2022, *Dr. Xuan Quang Truong,* Hanoi University of Natural Resources and Environment (12:40-12:45)

Discussion (12:45-13:00)

Meeting details

Online via Zoom

https://bit.ly/GEOLMIV-Workshop

Meeting ID: 846 9875 1308
Passcode: 389563