



Università degli Studi di Pavia

Dottorato di Ricerca in Scienze della Terra e dell'Ambiente

The meaning of a disaster - Field course in Vajont valley



Massimiliano Bordoni, Claudia Meisina
Department of Earth and Environmental Sciences, University of
Pavia

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Vajont Valley, Province of Belluno and Pordenone

In the evening of the 9th October 1963, a giant landslide triggered from the hillslope of Monte Toc and run to the artificial lake created by the dam realized in the Vajont creek valley. The impact of the mobilized materials caused a wave, which divided in two parts: the first part climb up and destroyed the villages of Erto e Casso; the second part passed the dam dumping in the Piave river valley and destroying the village of Longarone. This tragedy, that caused the loss of more than 1900 human lives, is at first place of the worst environmental tragedies occurred in XX century, according to the list of the ONU presented in 2008 for the International Year of Planet Earth. This field course aims to describe the context where this tragedy developed, highlighting in particular the geological, geomorphological and environmental features of the area and the predisposing and

triggering factors of the landslide. Furthermore, in collaboration with the Fondazione Vajont, the overview of the event will be recalled, visiting also the dam, the triggering zone of the landslide and the areas hit by the phenomenon.

The field course will be also enriched by other experts in other geological and environmental disciplines of the Department of Earth and Environmental Sciences.

Maximum 20 participants. The course will give 2 CFU. It will end with an examination and participants will be given a certificate of attendance.

The registration to the course will be open until 15th March 2019. Please register at dottorato@dsta.unipv.it