

The Chamoson debris flows

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Context

Chamoson is a village built on a huge fan where debris flows occurred regularly. In August 2019, an important event made two fatalities.

Objectives and Methods

The objective is to assess the hazard of debris flows in this area. A detailed mapping of the catchment is expected, including the source areas, mobilized volumes, channels and deposits. Then estimations of volumes and debris flows propagations will be produced.

This work requires an extensive period of fieldwork for mapping. LiDAR data analysis and numerical modelling will also be used.

Literature

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