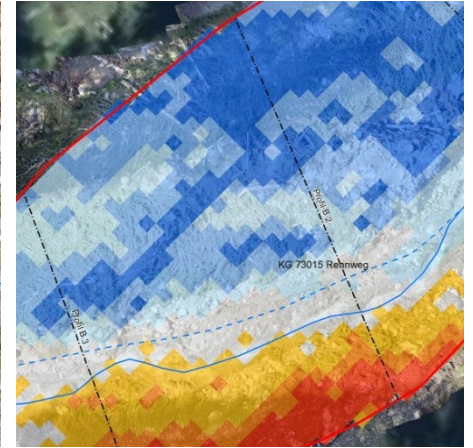


NATURAL HAZARD MANAGEMENT



PROJECTS

DOKUMENTATION OF FLOOD OCCURRENCE AT THE LAUSNITZBACH

Project characteristics

Due to heavy rainfall in summer 2014 and 2015 heavy floods with riverbank and river bed erosion as well as material transport and deposition in the river bed were reported for the Lausnitzbach (municipality of Rennweg / Austria). The field investigation was conducted by the use of drones, providing essential data for the conservation of evidence as well as for the assessment and documentation of the sediment load. The collected high resolution data were processed by the means of GIS analysis. The gained data provide the basis for the planning of protection measures and natural hazard zoning.

Services

- Drone flights
- Preparation of a digital terrain model (ground resolution up to 11 cm)
- Production of Orthophotos (ground resolution up to 4 cm)
- 3D-analyses

Client

Wildbach- und Lawinenverbauung
Gebietsbauleitung Kärnten Nordwest
2014-2015



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