

Protecting infrastructure from landslides and mudflows in Disaster Control Operations in Styria, Austria

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Almost every year is a disaster control operations in a district in Styria, caused by heavy storms, heavy precipitation and unfavorable geological conditions. The latest and most significant disaster control operations are summarized as follows. In 2016, heavy rain showers caused a disaster with > 1000 landslides in the district of Bruck-Mürzzuschlag, in particular in the municipalities of Stanz and Breitenau. In summer 2017, heavy rain showers caused a disaster with hundreds of landslides, mudflows and floods in the districts Liezen, Murau and Murtal.

Experience from the field, from the geologist of the “Straßenerhaltungsdienst” how to secure and protect infrastructure with different types of geotechnical methods from mudflow barriers to timber constructions.