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Analysis of landslide events in two Austrian communities (Gasen and Haslau) in the year 2005

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In August 2005, Austria was hit by heavy thunderstorms which caused severe damages. For this reason, Federal Research and Training Centre for Forests, Natural Hazards and Landscape, Departement of Natural Hazards and Alpine Timberline (BFW) was charged by the Austrian Ministry for Agriculture, Forestry, Environment and Water Management (BMLFUW) to make a detailed investigation on the disasters in the most affected areas of Styria.

In this poster, the application of the documentation method, using the 5W-standard for landslides, is presented. In addition there is an introduction of an integrated nowcasting system through comprehensive analysis, which was used to describe the meteorological situation. The indication that the vast majority of landslide occurrence has been caused by anthropogenic interference concludes the poster.