

Zischg, A.& Stötter, J. (2004): Objektorientierte Betrachtung des Lawinenrisikos. INTERPRAEVENT, Bd. 2, 217-228, Riva.

Abstract

This paper describes an approach to survey daily risk along traffic lines induced by avalanches. The investigation area was the Sölden road in the South Tyrolean Part of the Stelvio National Park. Based on the situation of avalanche hazard expressed by the new snow height within the last three days and the observation of the frequency of traffic, the decision support system calculates a daily or hourly avalanche induced risk of demise on the object under investigation. This procedure, included in a decision support system, enhances the decision process qualitatively. It supports the argumentation of the local authorities and leads to a better communication of risks.