

**Fuchs, S., M. Bründl und J. Stötter** (2004): Entwicklung des Lawinenrisikos im Siedlungsraum - Fallbeispiel Davos, Schweiz. INTERPRAEVENT, Riva, Bd. 2, 115-126.

### **Abstract**

Due to an increase in values in alpine settlements, an increase in risk towards natural hazards is repeatedly postulated. Until now, this qualitative statement has hardly been quantified. This paper evaluates the development of avalanche risk for the period between 1950 and 2000, using the temporal change of recurrence intervals and damage potential. There has been a fundamental decrease in risk due to the realisation of mitigation measures. However, due to the increase in buildings, certain peaks of risk can be detected for certain scenarios. This paper presents a concept how to quantify risks for settlements resulting from natural hazards over time.