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Title:

Avalanche Cadastre for Slovene Alps and its meaning for Avalanche Prevention

Abstract

Slovenia is endangered by a number of natural disasters. Snow avalanches endanger only a small part of Slovenia's surface, but they are problematic because of their spatial and temporal unpredictability. Therefore an avalanche cadastre is a key regional planning instrument for definition of basic prevention measures in each mountainous area, especially its cartographical part. Yet we have to take into account the nature of phenomena, past and actual observations, surface characteristics as well as cartographical basis within the avalanche mapping. The risk assessment often concludes with avalanche hazard zoning maps. But we have to be very careful in its interpretation in correlation with prevention measures. We want to lay stress on some deficiency or even possible mistakes, particularly those one, connected with the topographical elements of the map, field work and interpretation. At the end, we suggest some practical solutions in order to improve avalanche cadastre when it will be renewed and extended to areas which have not been included up to now. Prevention namely, is still the best defense and protection against natural disasters.