



Early warnings for extreme snowfall in the Swiss Alps

P. Hächler and D. Gerstgrasser
MeteoSwiss, Zurich, Switzerland

Early warnings for extreme snowfall in the Swiss Alps

For more than 10 years MeteoSwiss, the national weather service, provides warnings in case of heavy snowfall in the Alps. It helps the Swiss institute for snow and avalanche research and the responsible people for safety and circulation to assess the risk of big avalanches and to make their decisions. But a forecast of any extreme event is very difficult. The poster shows how forecasters of MeteoSwiss manage this problem, from climatological aspects to typical weather situations and model results. It will also be shown how quality varies in different parts of the country as well as it has developed in the last years.