

## ICAR 2008, Chamonix



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- 3 x 3 Rescue mission in winter
- Riskcheck avalanche cone



## Case study:

### Meiringen Hasliberg

20 March 2005 2:50 p.m.

### Avalanche descending on a ski slope

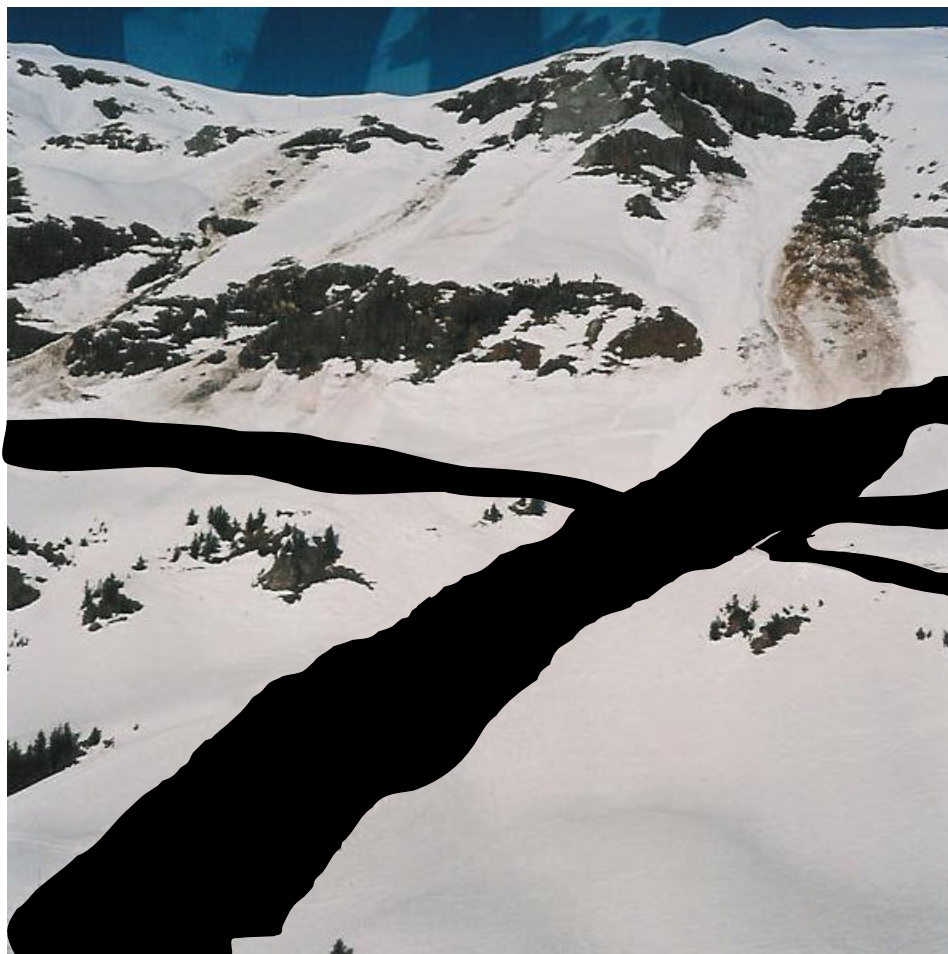


#### Lawine donnerte auf eine Skipiste

BERN. Grossalarm im Skigebiet Meiringen-Hasliberg: Eine Lawine verschüttete eine Skipiste (Bild). Gestern Nachmittag um 14.50 Uhr: Bei der Mädis-



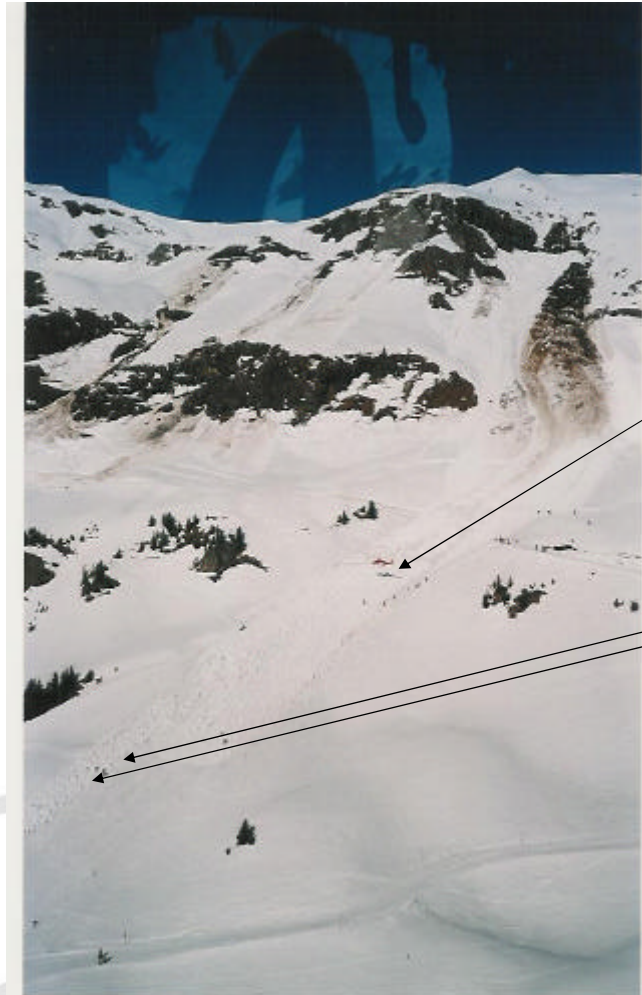
**Approach with the  
helicopter:  
first impressions**



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**Slope closed**

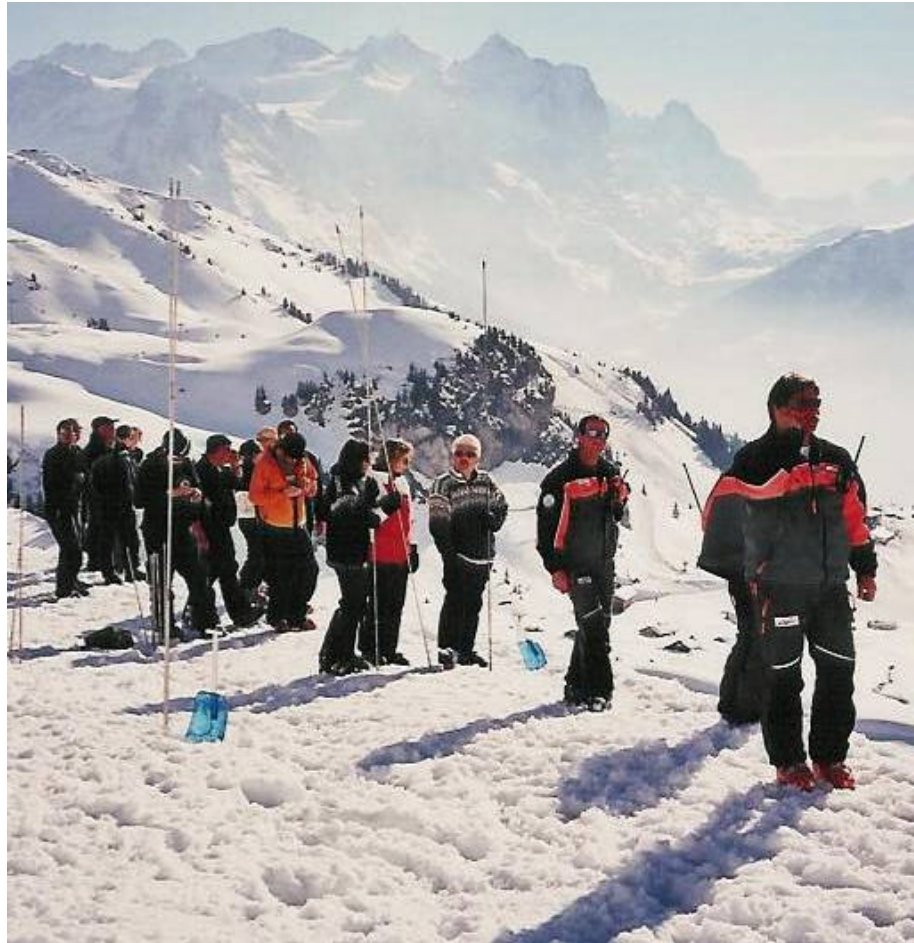
**Slope open**



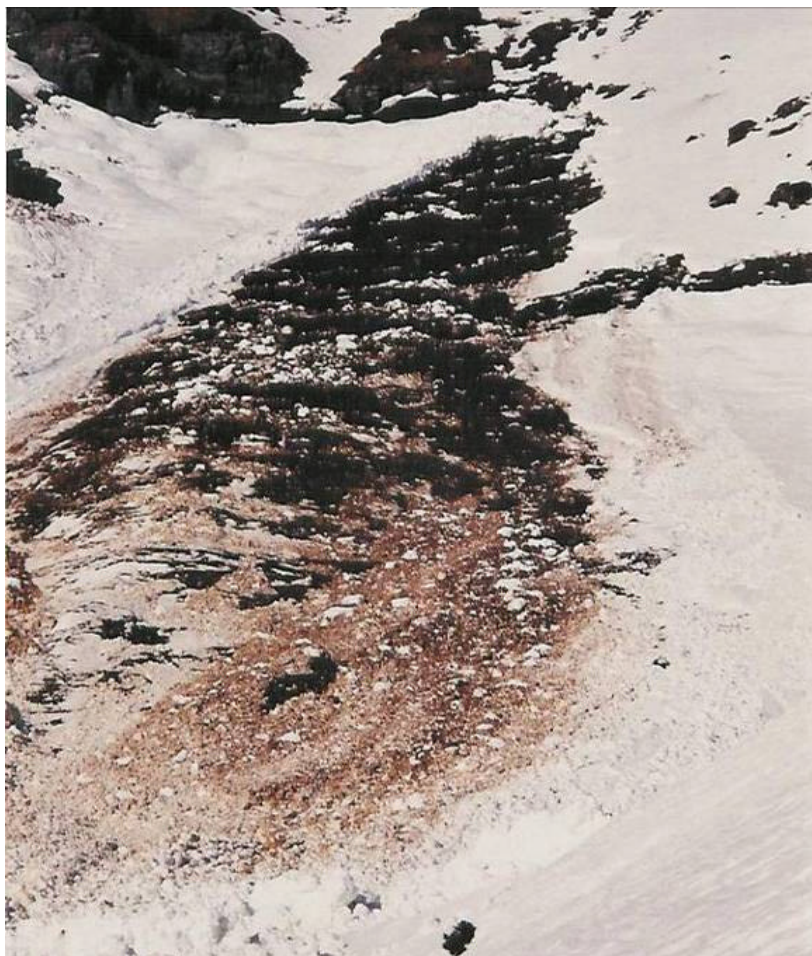
**Helicopter**

**Recco  
airborne  
search**

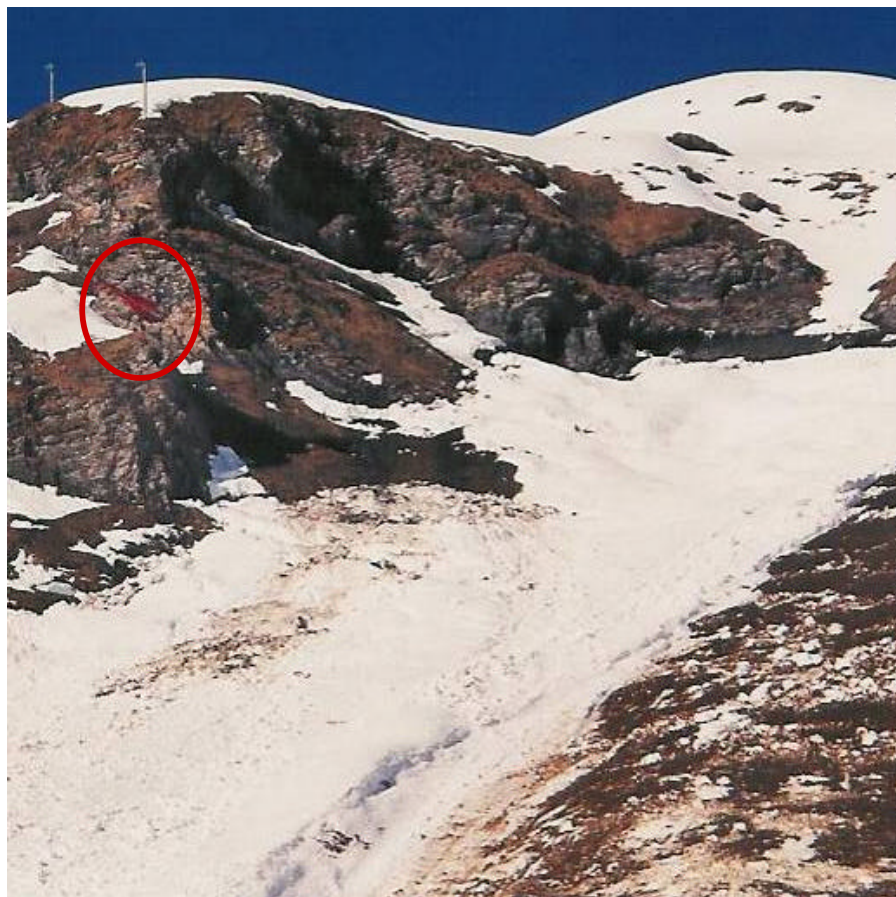
**Teams of  
avalanche  
dogs**



**Consultation  
with  
ASO  
Own safety**



**Potential  
catchment  
area**



**Security  
post**

**2 mountain  
guides,  
avalanche  
experts**

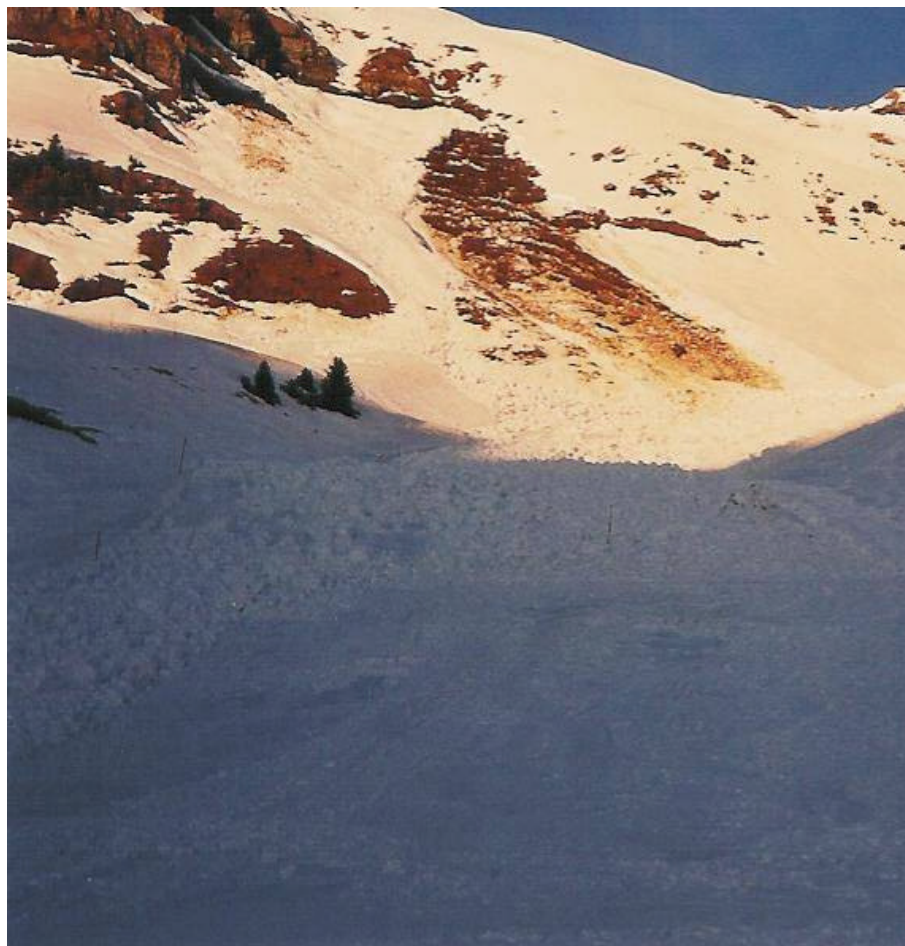


**View from  
above**



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**Less  
rescuers on  
the  
avalanche  
field**



**Aborting  
the search**



Eine Nassschneelawine verschüttete am Sonntagnachmittag um 14.50 Uhr mehr als die Hälfte der Piste von Hääggen Richtung Mägisalp. FOTO: STEFAN REGE

## Glimpflich abgelaufen

Lawinen auf Männlichen und Mägisalp

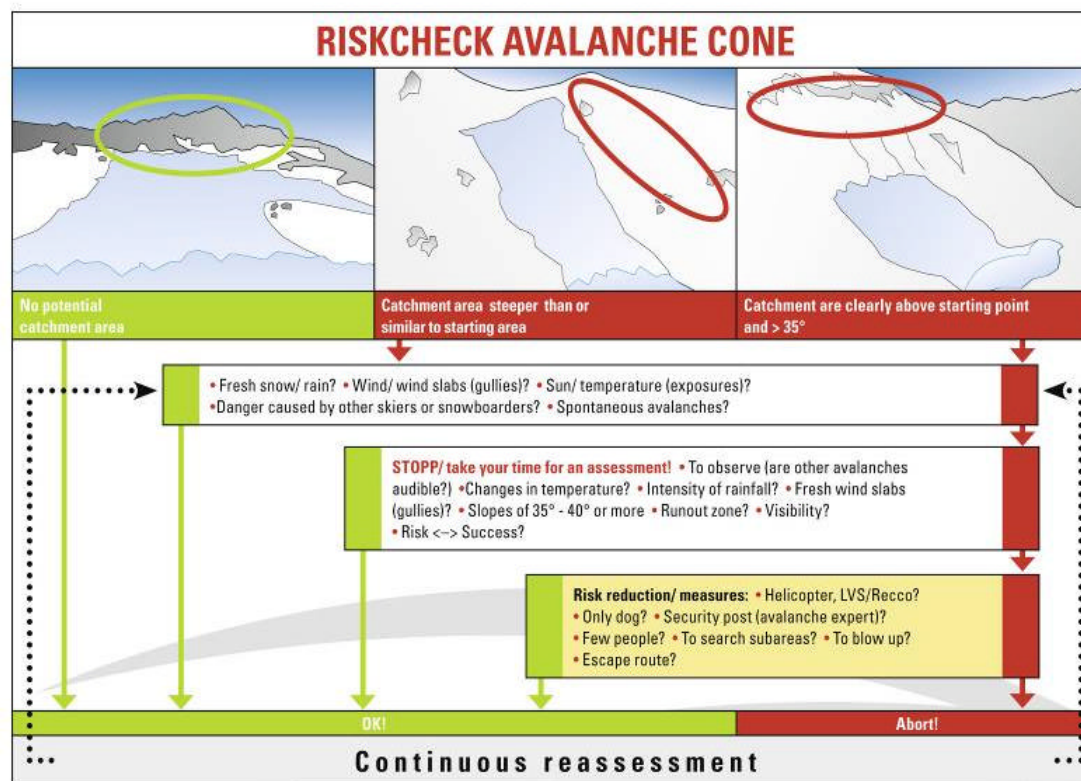


**No missing  
persons**

3X3 RESCUE MISSION IN WINTER			
	Conditions	Terrain	Human factor
Before the mission	Course of the winter	Knowledge of the region	Deployment, material
ALARM			
Planning and on-site operation	Danger of avalanches? (Fresh snow, rain, wind, warmth)	Potential starting areas? (Slope, exposure, altitude)	Personal equipment? Team? Perception trap? Tunnel vision? Decision?
RISKCHECK			
Continuous reassessment	Fresh snow or rain? Wind slabs? Insolation? Visibility? Spontaneous avalanches?	Change of perception? Change of mission?	More people? Different rescuers? Resources exhausted? Pressure from outside?



**Checklist  
rescue mission  
in winter**





**Thank you  
very much**