

Characterization of winter season 09/10 and its consequences with particular emphasis on peculiar avalanche accidents within the Slovak mountain area



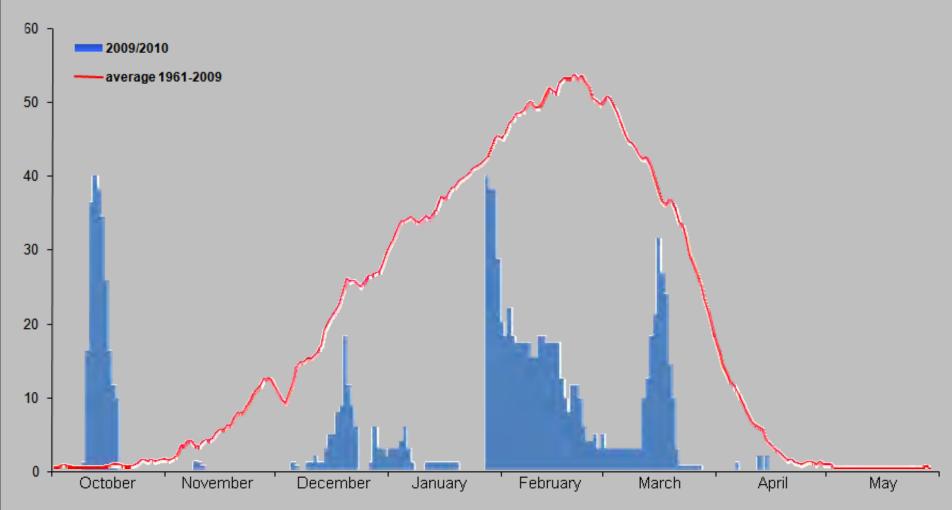


Aims

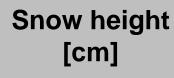
- Highlight the conditions leading to avalanche accidents
- Focus on decision failures
- Describe applied rescue strategies
- Draw attention to peculiar cases
- Find relationship between human decision errors and factors contributing to fatalities



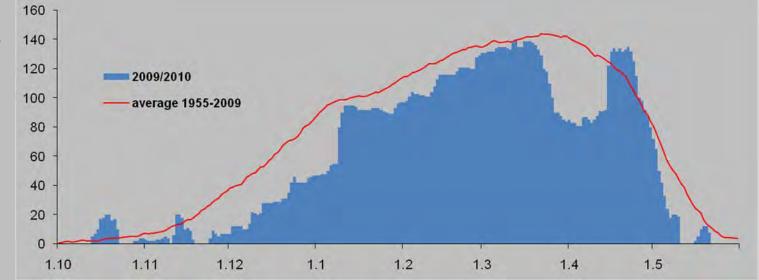


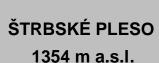


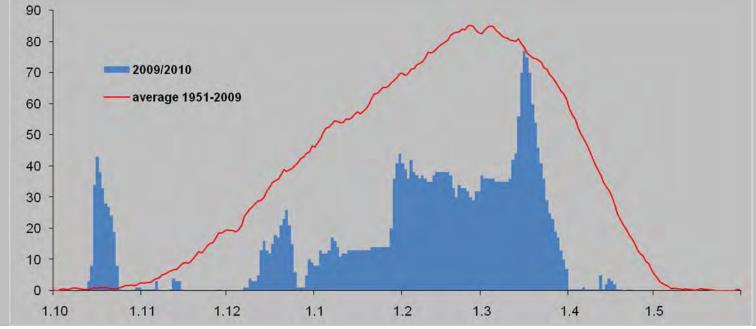




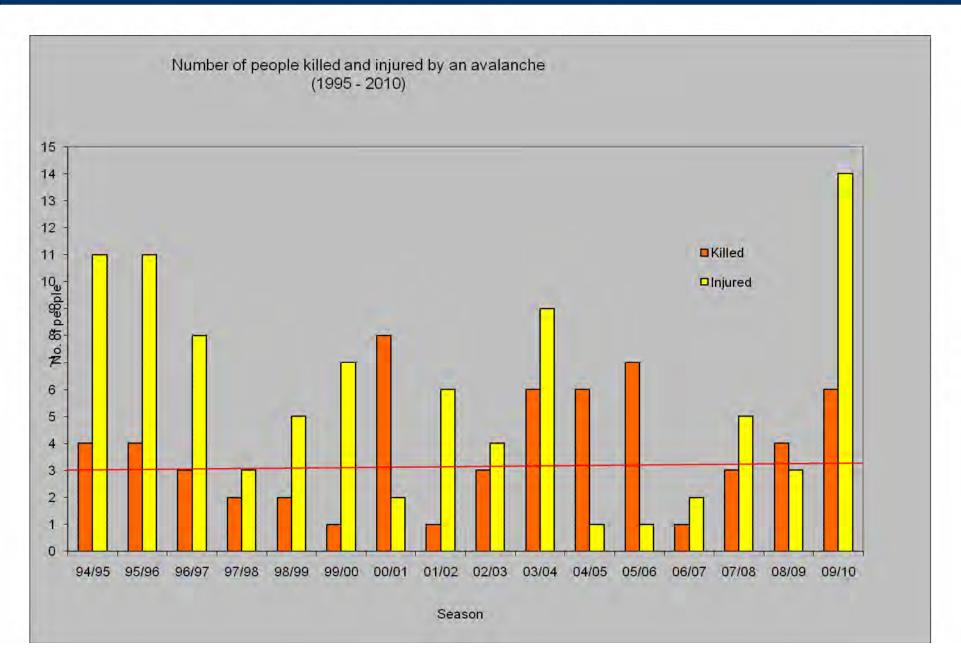






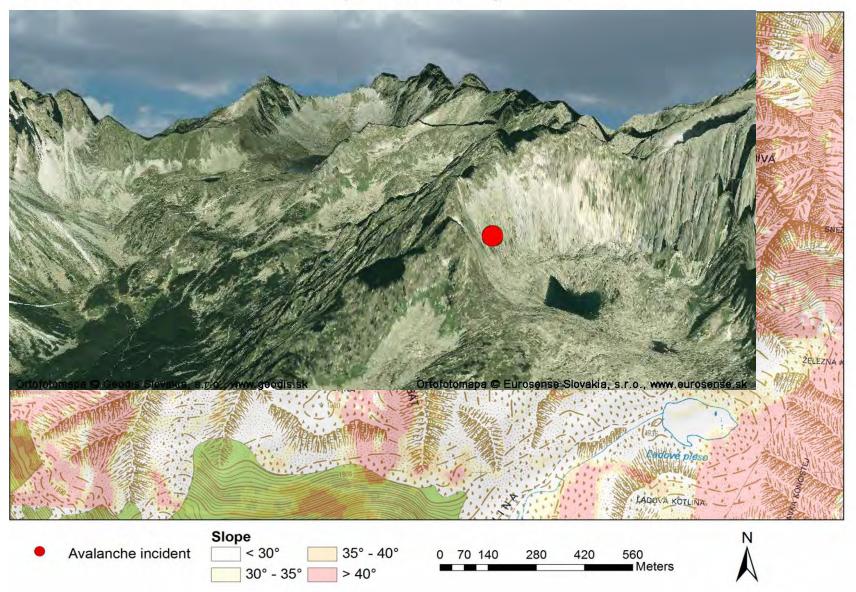


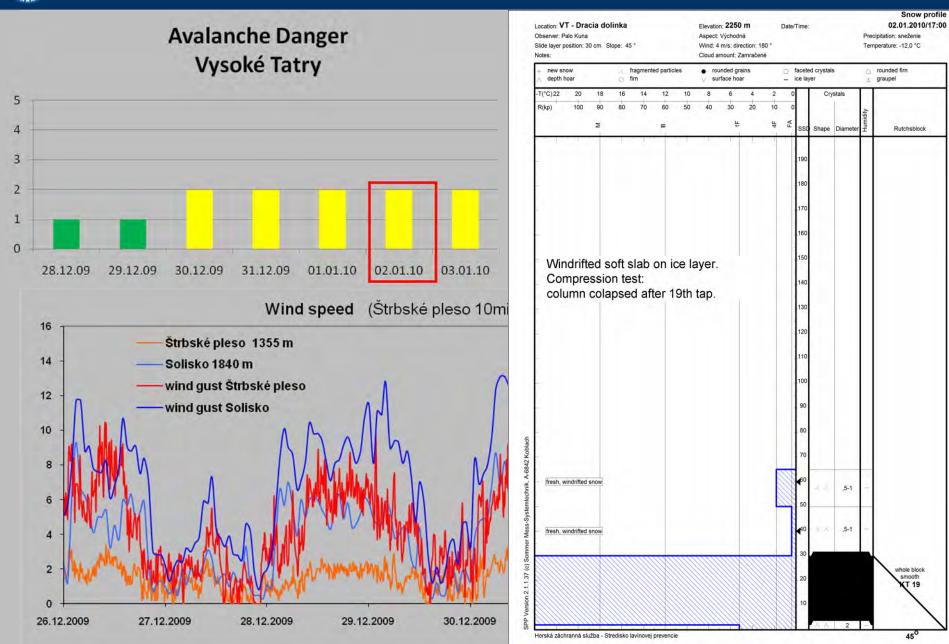


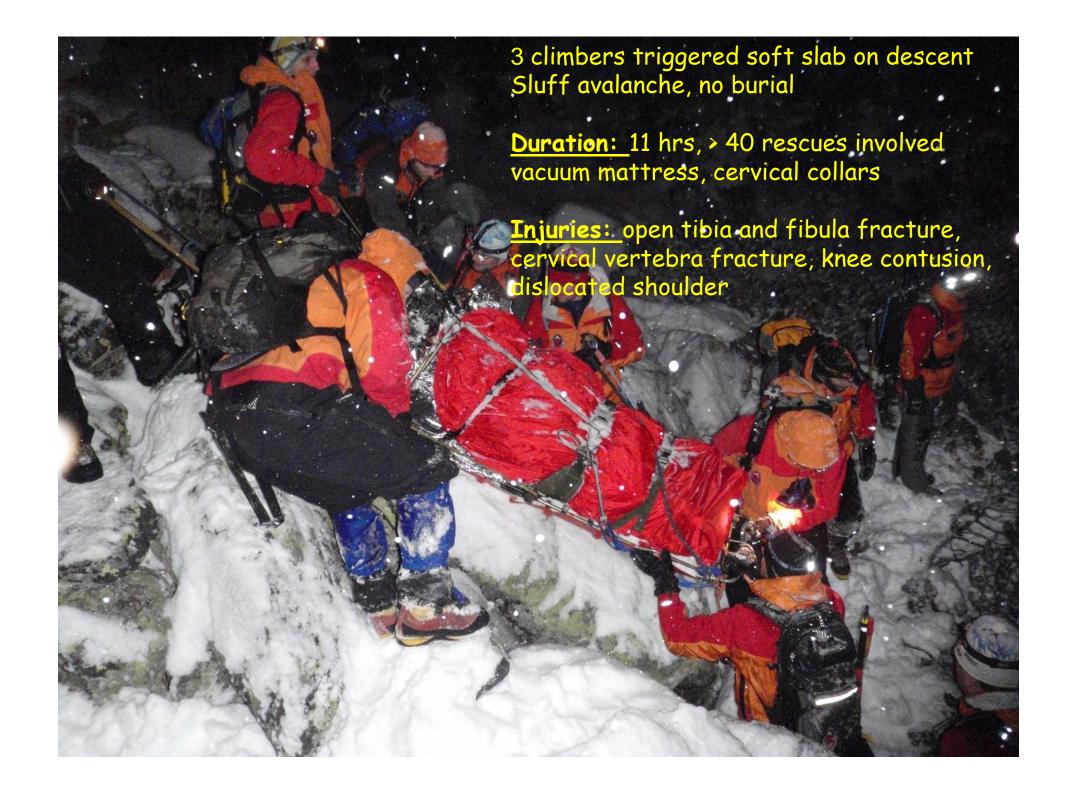




Avalanche incident - Dračia valley 2. 1. 2010, High Tatras

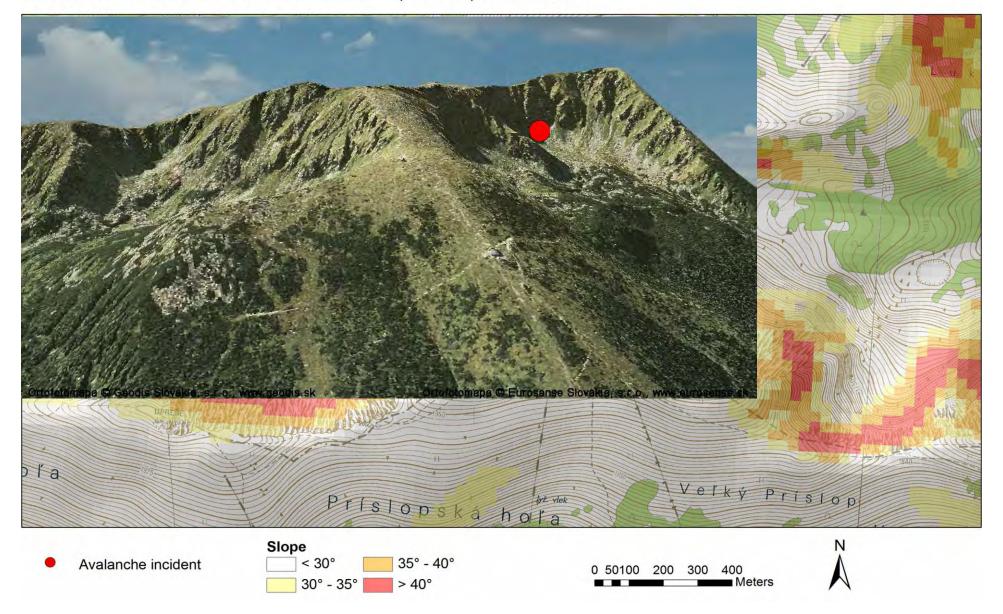




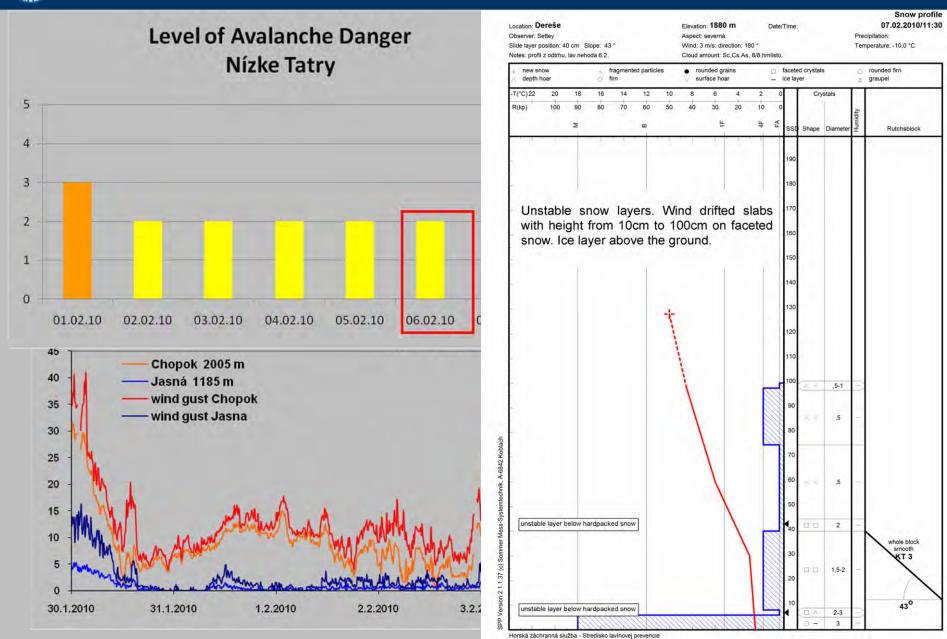




Avalanche incident - Dereše 6. 2. 2010, Jasná, Low Tatras







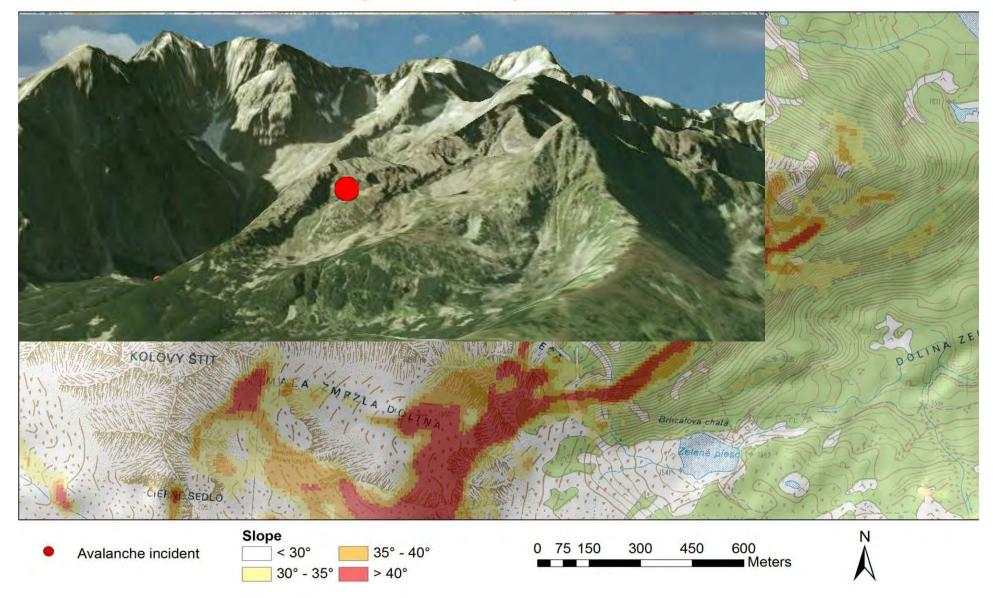




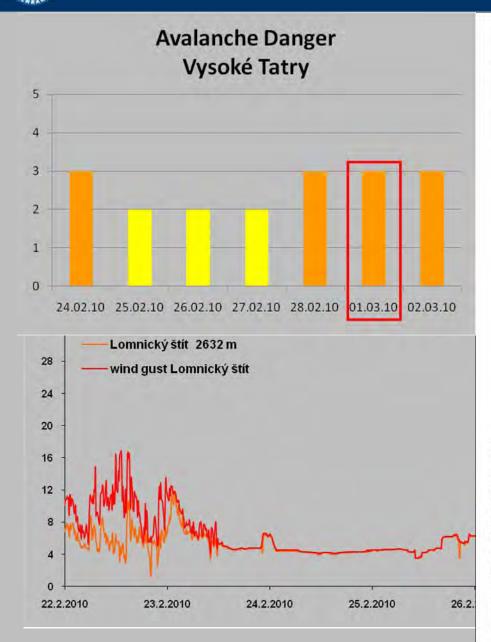


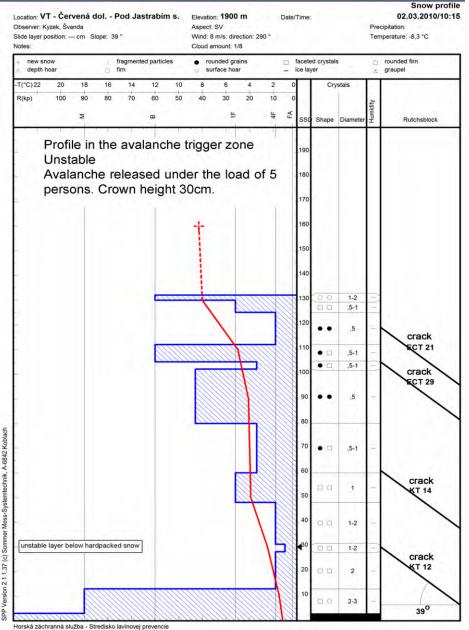


Avalanche incident - Červená valley 1. 3. 2010, High Tatras











5 mountainers triggered a slab Medium avalanche, 5 caught, 2 complete burial (10 min), 3 above the ground

Rescue:

5 rescues, 1 helicopter, strong wind NACA: E4,

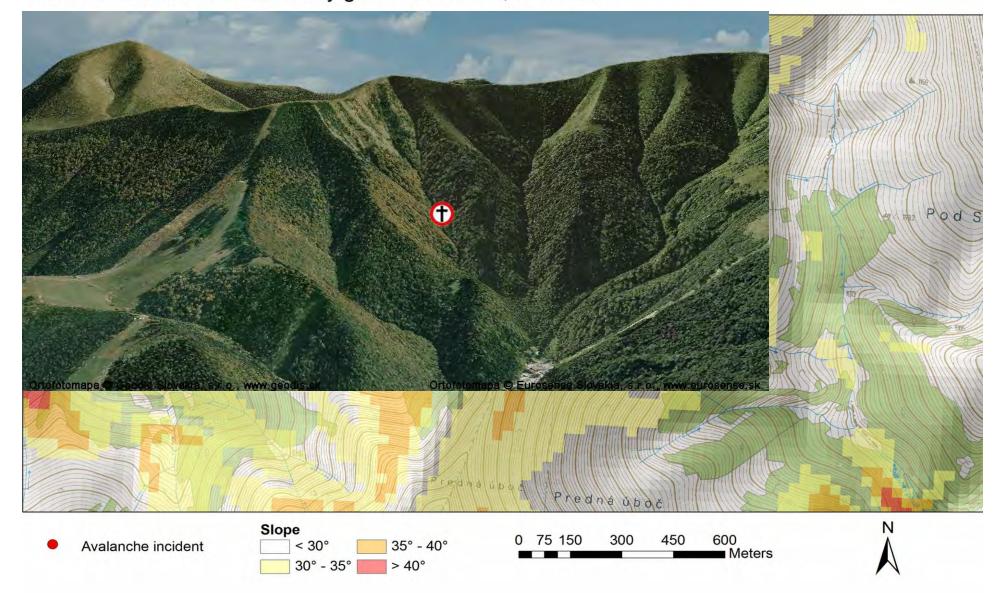
Injuries: unconsciousness, mild hypothermia, femur and rib fracture

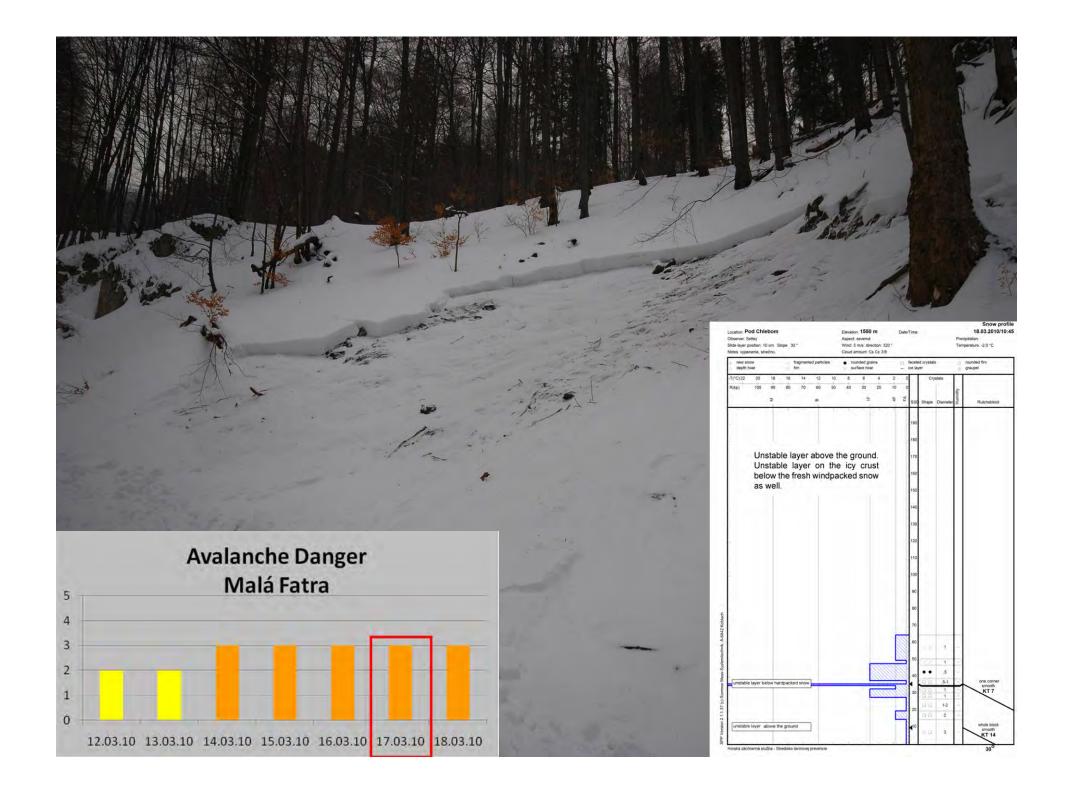
10:33 helicopter take off 11:05 hoovering 12:05 patient on board

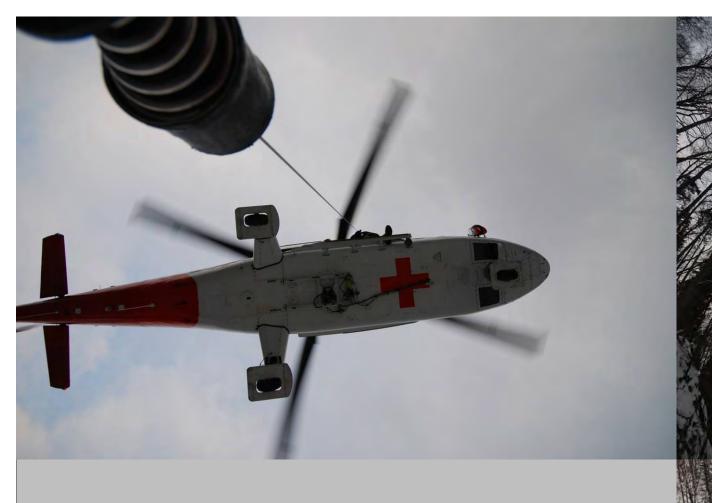
12:17 hospital care



Avalanche incident - Poludňový grúň 17. 3. 2010, Low Fatra







2 snowboarders triggered a slab

Sluff, 2 caught, 1 complete burial - deceased, 1 partial

Rescue: 6 rescues, helicopter, NACA: E4, E7 burial

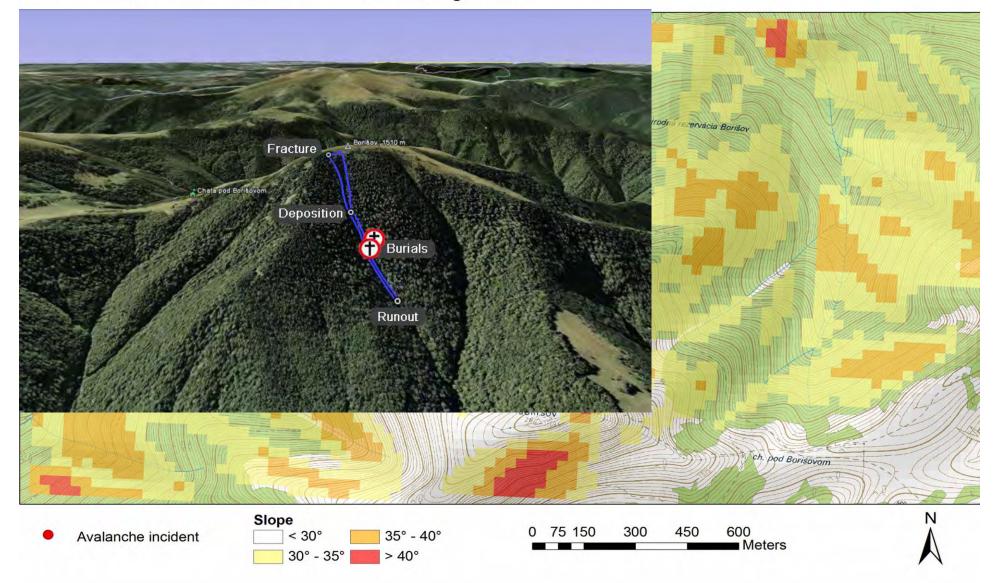
time>40min, no air pocket

Injuries: mild hypothermia

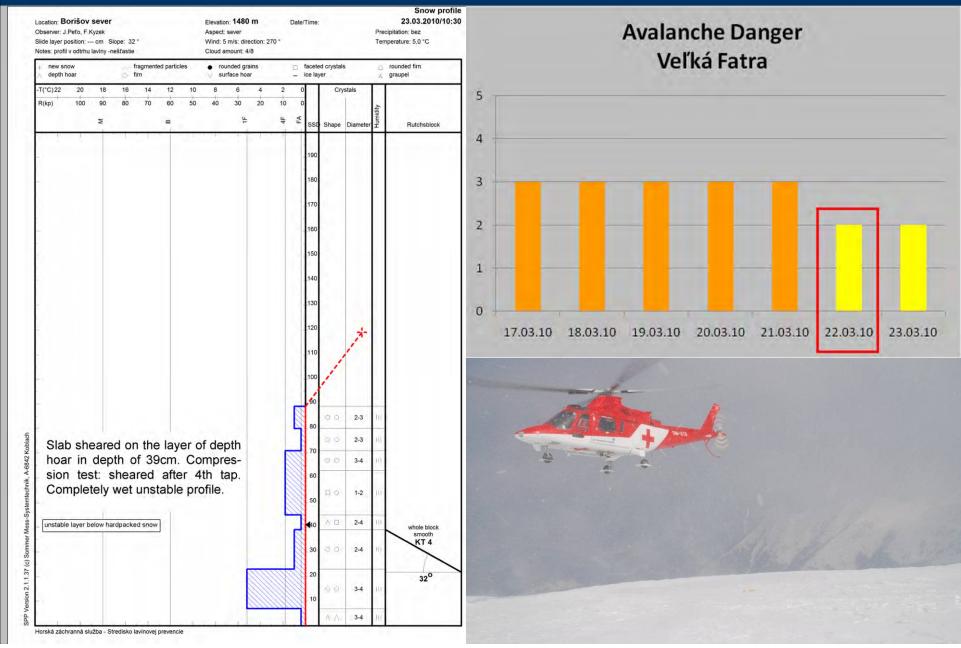
suffocation



Avalanche incident - Borišov 22. 3. 2010, High Fatra











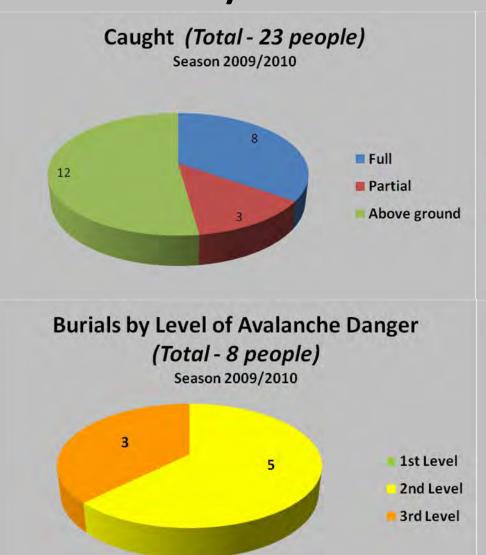
3 telemarkers triggered a wet medium sized avalanche 3 caught, 2 complete burial - deceased, 1 above the ground NACA: E7, burial time > 1hr, no air pocket

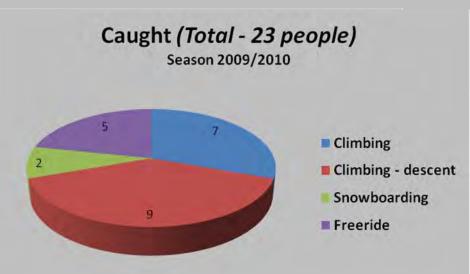
Low batteries in avalanche beacon!

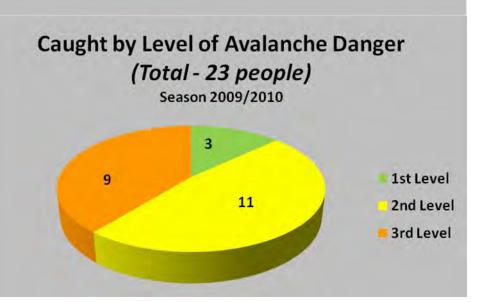
Rescue: 14 rescues, 4 dogs, 2 helicopters



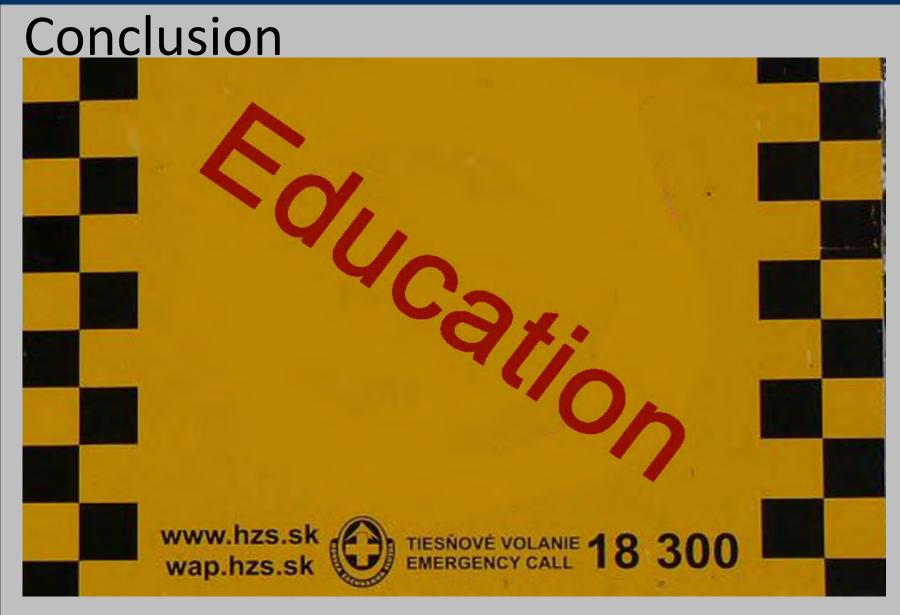
Summary













Acknowledgments



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