

## ***Interactive comment on “Avalanche situation in Turkey and back-calculation of selected events” by A. Aydın et al.***

**Anonymous Referee #2**

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Natural Hazards and Earth System Sciences Manuscript Evaluation Form Title: Avalanche Situation in Turkey and Back-calculation of selected events Author(s): A. Aydın, Y. Bühler, M. Christen, A. Gürer Manuscript Number: nhess-2013-485 Reviewer comments The paper deals with the avalanche situation in Turkey, a "developing country" in the field of avalanche science. I think that it is very interesting and worst to show the Turkish context to the rest of the scientific world. I would accept the paper with one explanatory paragraph on the avalanche fatalities from the cited references where indicated below and some technical corrections. Page 586 Line 17-19. Expand your paragraph linked with fatalities during the given decades for Schweizer and Lüscher (2001) study and give the proportion of the recreational activities. Similarly it would be better if you give information about the proportions of recreational activities within total

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fatalities for Zweifel et al (2012) and Atkins (2010) studies. Minor Corrections 1) Page 582 Line 14: delete “... , flow velocities, ...” 2) Title 7.3 Flow heights, velocities and impact pressures. Remove “velocities” from title. Because velocity function of impact pressure for presented paper not necessary to go give information about velocity. 3) Page 593 Line 12: delete “Flow velocity and” start with “Impact pressure...” Because in Fig 8 flow velocity not necessary to show and removed. 4) Figure caption of Fig 8. Delete “maximum flow velocity (middle).”

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