



Interactive comment on “Computational snow avalanche simulation in forested terrain” by M. Teich et al.

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I have something to append to my review...

Somewhere (maybe Section 2.2) you should say that the main hypothesis of your work is that the avalanches do not generate a pressure that can break the trees. In fact, you consider small and medium-size avalanches, which presumably are not able to generate such pressures. Which are the range of the pressure on the trees (small obstacles), calculated from your model? What do your data tell? Did you find broken trees along the path? Otherwise, obviously, the avalanches would not slow down due to detrainment but because it loses energy in breaking the trees. But this is another story...

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 5561, 2013.

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1, C1841–C1842, 2013

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