

Interactive comment on “Avalanche Impact Pressures on Structures with Upstream Pile-Up/Accumulation Zones of Compacted Snow” by Perry Bartelt et al.

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The authors pick up an interesting topic about the impact pressure of avalanches on rigid obstacles. However, although the first author is a re-known avalanche researcher, he seems to be not aware that the topic was already discussed and summarized in:

Gauer, P. & Jóhannesson, T. (2009) in Jóhannesson, T.; Gauer, P.; Issler, D. & Lied, K. (Eds.) The design of avalanche protection dams. Recent practical and theoretical developments Chapter 11 Loads on walls European Commission, Directorate-General for Research, 2009 , 77-94

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Hence, the authors' approach does not really present originality.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-154>, 2018.

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