

Interactive comment on “The importance of erosion for debris flow runout modelling from applications to the Swiss Alps” by F. Frank et al.

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We thank the reviewer for the comprehensive and detailed review of our paper. The reviewer has pointed out many legitimate minor issues. We mostly agreed with his suggestions for corrections, which are described in the supplement. He also identified some moderate issues – e.g. especially about the potential changes in bed topography between the modeling of the first and second surge which were not in the original manuscript. Because Reviewer 1 (M. Mergili) also identified this issue, please also see that “Response to Reviewer” document for our proposed solution. Because we used color codes in our response, we provide it as supplement.

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Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C1282/2015/nhessd-3-C1282-2015-supplement.pdf>

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