

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC1 https://doi.org/10.5194/nhess-2021-352-AC1, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

## **Reply on RC1**

Andrew Mitchell et al.

Author comment on "Variable hydrograph inputs for a numerical debris-flow runout model" by Andrew Mitchell et al., Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2021-352-AC1, 2022

Thank you for the supportive comments and constructive review.

To address the first bullet point, we have moved Figure A-1 from the Appendix to the main body of the text (it is Figure 3 now). The flow chart has also been revised to more clearly show the distinction between the processes for the generation of the triangular and scaled hydrographs.

To address the second bullet point: Excellent suggestion. A sentence has been added to the paragraph stating: "The three sites are Lattenbach, Austria, Dorfbach, Switzerland, and Spreitgraben, Switzerland, described in detail in Section 3."