

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC1  
<https://doi.org/10.5194/nhess-2022-100-AC1>, 2022  
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## Reply on RC1

Andrea Bevilacqua et al.

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Author comment on "Assessing minimum pyroclastic density current mass to impact critical infrastructures: example from Aso caldera (Japan)" by Andrea Bevilacqua et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-100-AC1>, 2022

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Dear Associate Editor

Please find our response in the attached Supplement zip file.

We include:

- a cover letter for the AE;
- a detailed response letter to both the reviewers;
- revised manuscript with and without track changes, which is a necessary supplement to the response;
- revised supporting information of the manuscript;
- the review report of the referenced document Aspinall et al., 2021.

Best wishes,  
Andrea Bevilacqua  
(on behalf of all coauthors)

Please also note the supplement to this comment:

<https://nhess.copernicus.org/preprints/nhess-2022-100/nhess-2022-100-AC1-supplement.zip>