

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1  
<https://doi.org/10.5194/nhess-2022-173-RC1>, 2022  
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## **Comment on nhess-2022-173**

Anonymous Referee #1

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Referee comment on "Sensitivity analysis of a built environment exposed to the synthetic monophasic viscous debris flow impacts with 3-D numerical simulations" by Xun Huang et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-173-RC1>, 2022

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The authors tackle an interesting topic: how the surrounding buildings affect the impact force on a target building. However, the paper presents critical points on the modelization used that are detailed in the supplement file.

Please also note the supplement to this comment:

<https://nhess.copernicus.org/preprints/nhess-2022-173/nhess-2022-173-RC1-supplement.pdf>