

Interactive comment on “UAV survey method to Monitoring and analysing geological hazards: The Case study of mud volcano of Villaggio Santa Barbara, Caltanissetta (Sicily)” by Fabio Brighenti et al.

Anonymous Referee #2

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- The list of references in the introduction section must be updated with recentmost researches (2018-2020), they are many.
- The text regarding the GCP in the section must be moved to the methods.
- Figure 1 show the orthomosaic resulting from photogrammetry processing. It can be moved to the results section. A geological introduction to the area is mandatory.
- Report the reference system in all figures.
- There is a lack of references in the methods as well as there is a lack of details regarding the processing.

ing the processing. I suggest reading recentmost papers focusing on the methodology.

- It has been generated a DSM (Digital surface model) not a DEM.
- Conclusion must be rewritten removing the lines listing several references that can be added to the introduction section. Conclusions must address the main results from the present work.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-378, 2020>.