

# ***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 regard-

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.

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