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Discussions
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Interactive comment on "UAV-enabled reconnaissance and trajectory modeling of a co-seismic rockfall in Lefkada" *by* Charalampos Saroglou et al.

Anonymous Referee #2

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Description of the work The paper present an application of 2d and 3d rockfall modelling applied to case history in Greece a rockfall triggered by an earthquake. Parts of the input data for the models are high-resolution DSM and orthophoto obtained from UAV and processed with Structure from Motion technology. The authors present the results of the 3d and 2d simulations and the comparison with ground truth. The paper is clear and well written can be accepted with minor revisions.

Comments

Just for curiosity how many days after earthquake was made the UAV acquisition ?

1) In the figure 1 may useful to have map that localize study area inside Greece, and

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also to add a scale bar to figure.

2) In figure 3 is better to put the impact point photo in the same orientation of the track

3) Figure 11 / Figure 13 it will be nice add the real path of rockfall for comparison with the results from simulations.

4) Revise to find and correct some typo errors like: > Line 113: thhe > the > Line 114 onhore > onshore ?

5) reference: check that all references are in the format required by NHESS Smith, P., Thomson, A., and Carter, T.: . . ., 2006.

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