

***Interactive comment on “From examination of natural events a proposal for risk mitigation of lahars by a cellular automata methodology: a case study for Vascún valley, Ecuador” by Valeria Lupiano et al.***

**Valeria Lupiano et al.**

francesco.chidichimo@unica1.it

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Thanks for your careful comment! About your question regarding the presence of new original parts in the MCA model, we only summarized the parts of the overall model (it includes the primary lahars), that were used in the simulations. Software had to be modified in order to permit starting of lahars at different times and places. This point may be shortly introduced in the MCA model as an "external influence" and will be added in the correct version of the paper, opportunely highlighted. Our best regards.

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C1

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-406>, 2019.

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