

***Interactive comment on “How size and trigger matter: analyzing rainfall- and earthquake-triggered landslide inventories and their causal relation in the Koshi River basin, Central Himalaya” by Jianqiang Zhang et al.***

**Jianqiang Zhang et al.**

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Dear Dr. Odin Marc,

Thank you so much for your careful reviewing to the paper. Your comments and suggestions are very helpful to improve the quality of this paper. We considered about your questions one by one, and tried to modify the manuscript.

Some major work we have done to the paper: (1) Comparing the landslide inventories of Gorkha earthquake, and got one more complete inventory; (2) Base on the inven-

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tories, the new threshold value for large and small size landslide was analyzed; (3) Frequency Ratio was employed to analyze the correlation between landslide and contributing factors; (4) DEM data was changed to higher resolution data, and precipitation factor was employed to the susceptibility model for RTL. (5) Introduction and discussion parts were rewritten.

We made a table to response the comments one by one, and also marked the changed part in the manuscript. Please see them in the supplement. Thanks again!

Best regards, Jianqiang Zhang

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-109/nhess-2018-109-AC2-supplement.zip>

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