

## ***Interactive comment on “Brief Communication: Landslides triggered by the $M_s = 7.0$ Lushan earthquake, China” by X. L. Chen et al.***

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Dear reviewer,

We deeply thank you for your careful reading and the encouraging general comments provided on the paper. Your opinions and suggestions will undoubtedly improve the quality of the paper.

The following is the reply and you will find an updated draft of the manuscript as supplement PDF.

(1) Some supplements have been added to the description of the geological setting for the study area. Geological criteria are used to group the formations. (2) The DEM data

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is SRTM 90 m, the geology map scale is 1: 200000. The remote sensing images used in this study are with resolution of 0.6 m. (3) Landslides were identified in the remote sensing images by the following characteristics: (1) landslides scarps showed newly denuded vegetation on the slopes; (2) landslides scarps showed distinct white or brown contrast as compared to the surrounding; (3) landslide debris movement paths could be clearly observed; (4) Individual boulders rock falls are not accounted in this study. (4) Definition of the rock falls, shallow slope failures and rock or soil slides is referenced from “The landslide handbook” a guide to understanding landslides (Highland, L.M., and Bobrowsky, Peter, 2008).

Best regards

Xiaoli Chen

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/1/C1958/2013/nhessd-1-C1958-2013-supplement.pdf>

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