

Interactive comment on “An evaluation of influential factors on landslide mobility during the 2008 Wenchuan earthquake” by D. P. Guo et al.

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The paper is focused on relations between coefficient of friction and several landslide impact factors, which is rare after the Wenchuan earthquake. In my opinion, the results are interesting and the paper can be accepted. However, there were several questions should be noted: (1) In the northeast part of the earthquake struck area, co-seismic landslides, especial the largest landslides, such as the Donghekou landslide and the Woqian landslide triggered by the earthquake often occurred along the northeast section of the Yingxiu-Beichuan fault. However, in the Figure 1 of the paper, there was an obvious gap between the landslides distribution area and the co-seismic surface rupture area. Why? I suggest the author check the Figure 1 carefully. (2) The reference

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of “Xu, C., Xu, X. W., Yao, X., and Dai, F. C.: Three (nearly) complete inventories of landslides triggered by the 12 May 2008 Wenchuan Mw 7.9 earthquake of China and their spatial distribution statistical analysis, *Landslides*, doi:10.1007/s10346-013-0404-6, 2013b.” should be “Three (nearly) complete inventories of landslides triggered by the May 12, 2008 Wenchuan Mw 7.9 earthquake of China and their spatial distribution statistical analysis” (3) Does “Xu and Xu, 2012” should be “Xu, C., Xu, X.W. Comment on “Spatial distribution analysis of landslides triggered by 2008.5. 12 Wenchuan Earthquake, China” by Shengwen Qi, Qiang Xu, Hengxing Lan, Bing Zhang, Jianyou Liu [*Engineering Geology* 116 (2010) 95–108]. *Engineering Geology*, 2012, 133-134: 40-42.” ? (4) “Fan and Qiao, 2010” in the main text but I can not find it in the reference list? (5) In addition, I suggest the authors check the paper carefully once more to avoid some mistakes.

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