

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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Based on the analysis of the landslides triggered by Wenchuan earthquake, a new equation for the calculation of equivalent coefficient of friction was proposed, which is more suitable for landslides triggered by earthquake. However, there is still some problems existed, such as: (1) The English of this manuscript should be polished further. (2) Is the definition of slope transition angle right? You should be described it in detail. (3) The usage of some phases should be changed, such as, sliding source area, landslide source volume, sliding source volume, etc. (4) You presented that "With the increment of slope transition angle, energy consumed by impact at slope foot decreases, and the falling mass is crushed and results in the transform of mobile motion

C107

from sliding to rolling or flowing," Why?

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C108