

Interactive comment on “Landslide susceptibility analysis by means of event-based multi-temporal landslide inventories” by C. M. Tseng et al.

Anonymous Referee #2

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The paper “Landslide susceptibility analysis by means of event-based multi-temporal landslide inventories” submitted by C. M. Tseng, C. W. Lin, and W. D. Hsieh, describes the use of four different event-landslide inventory maps exploited to prepare susceptibility zonation using Weight of Evidence (WOE) analysis in the Laonung River in southern Taiwan. The paper is reasonable well written and organized but describes a topic very well represented in the landslide literature without adding innovative and challenging discussion points. A very similar paper has been published in 2014 in *Geomorphology* 208, 137–148 by Chang et alii (Modeling the spatial occurrence of shallow landslides triggered by typhoons). Can authors provide good explanations to prove worthy the publication of their analysis? What is the added value of this publication? Several comments and corrections are listed throughout the attached

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manuscript. The conclusion chapter is more a summary of what the authors have done and needs to be re-written.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C131/2015/nhessd-3-C131-2015-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 1137, 2015.