

Interactive comment on “Characteristics of ground motion and threshold values for colluvium slope displacement induced by heavy rainfall: a case study in northern Taiwan” by C.-J. Jeng and D.-Z. Sue

C.-J. Jeng and D.-Z. Sue

jcjh@cc.hfu.edu.tw

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We would like to thank the Referee for the valuable comments and suggestions on this research. In this study, we focus on the topic of correlation between precipitation and slope stability in the background of rainy climate of Taiwan, and accordingly propose the modified warning values of predicting slope stability for the purpose of slope disaster prevention. As for the application of the Finite Element Method (FEM) to analyses of slope displacement raised by the Referee, in fact, we do have done a series of simulations using the FEM analysis method in 2D. Results and discussions of the simulations

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are to be presented in another paper, which has been in preparation.

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