



Interactive
Comment

Interactive comment on “Improvement of shallow landslide prediction accuracy using soil parameterisation for a granite area in South Korea” by M. S. Kim et al.

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First of all, thank you for your comments

1. General comments: The structure of this manuscript will be reflected on your comments. You would not understand our manuscript because of language, but we already took English corrections at TEXTCHECK Company (<http://www.textcheck.com/certificate/fv9KL5>). Maybe this is because we did not clearly explain our study. So, we will reflect the comments of referee including you, and then also we will check it again.

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2. Specific comments: 1) We will clearly explain our research more in detail. 2) Shallow landslides in our study area were just occurred above bedrock (Park et al., 2012, Engineering Geology) and we could not find deeper rock slides when we investigated. 3) Back filling was calculated by using DEM data before shallow landslide and this explanation will be included in the manuscript. 4) Many papers (e.g. Baum et al., 2010, Godt et al., 2008) used just one or several soil parameters. In this study, soil parameter data of Case I is from Park et al., 2012, Engineering Geology and those of Case II were referenced by Lee et al., 2009. Please refer to the reference Page 250 and Page 251.

3. Technical corrections: 1) The other referee who gives constructive comments to me and your comments will be reflected on this manuscript and we will try to make a better paper. And if you give any comment for this manuscript at next time, please let me know in detail. Because we believe that detailed comments of paper from referee like you can help authors who write a paper.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 227, 2015.

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