

Interactive comment on “Initial Assessment of Landslide Prone Area using Soil Properties” by Yanto et al.

Anonymous Referee #2

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The manuscript presents an application of different interpolation method (IDW, OK, CK) for obtaining the spatial distribution of soil depth to hardpan, which was then used for initial assessment of landslide prone area based on the frequency of soil depth of landslides. The authors compared and discussed the performance of different interpolation methods, followed by very limited analysis about the relationship between the soil depth and landslides. This is seriously inconsistent with the title of the manuscript. And the comparison results do not bring any new knowledge, just a simple GIS experiments. Landslide data is very important for this manuscript, but the author does not present enough information at all (only two sentences). What types of landslides in this work (soil thickness is more related to shallow landslides)? Earthquake-triggered or rainfall-triggered? Basically, all this important information is unknown. For these

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reasons the manuscript cannot be accept in the present form.

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