

Interactive comment on “Liquefaction, landslide and slope stability analyses of soils: a case study of soils from part of Kwara, Kogi and Anambra states of Nigeria” by Olusegun O. Ige et al.

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Thanks for the constructive comments. Based on the comments asap insufficient data, the title of the paper is changed to “a preliminary assessment of liquefaction and sliding potential of soils present in three major landslide prone areas in Nigeria”. Furthermore, the main characteristics of the lithologies present in the studied areas have been included as well as the corresponding landslide conditions. The collected samples are undisturbed as indicated in the manuscript. Most of the geotechnical tests used in the paper were carried out based on BSI, thus the description of all the test have been removed to avoid redundancy. However, only non-standard details of the test used are describe in the text. The standard used for the permeability tests has been indicated

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in the text. As suggested, the analysed slope model using SLOPE/W have been defined in a more complete and clear form. In addition, geological, geomorphological and hydrogeological features of the study area have been included. All the grammatical, typographic and technical errors highlighted by the reviewer have been corrected accordingly. Generally, the paper has been greatly improved and conclusion rewritten.

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