

Interactive comment on “Deformation characteristics and exploratory data analysis of rainfall-induced rotational landslide: A case study of the Zhutoushan landslide in Nanjing, China” by Weiguo Li et al.

Anonymous Referee #2

Received and published: 16 July 2020

Thanks for your clear figures. "Horizontal displacement" means resultant vector of N and W components, and it can help us to know the landslide moving direction at each GPS station, such as Fig. 12. However, the ratio of X and Y is not 1 in Fig. 12. If the ratio is 1, it could let us know the moving direction directly. Vertical displacements of 8 GPS stations display on Figs. 13 and 14. Could you combine these information in one figure (Fig. 13 with scale (mm))? Fig. 15 is a rotational landslide case "after" failure, however, Zhutoushan landslide is developing rotational landslide with creeping behavior. If you could modified Fig. 15 to corresponding to the status of Zhutoushan

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landslide, it will be more reasonable. Besides, the other questions should be replied or explained in new version, especially in geological profile explanation (material, layers) and boundary of landslide (scarp? lineation?).

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-175>, 2020.

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