

Interactive comment on “Forecasting post-failure landslide mobility using a SPH model and data from ring shear strength tests: A case study” by Miao Yu et al.

Anonymous Referee #2

Received and published: 21 March 2018

The study aims to forecasting the mobility of a landslide in Guangzhou city using a SPH model and ring shear strength tests. In order to address the question, the author carried on a series of work, such as filed investigation, ring shear strength tests, and numerical simulation. Overall, the manuscript is in a good manner presentation and show a detail and valuable case study on landslide mobility forecasting. The special comment include: (1) Title: Delete “post-failure”, “data from” (2) Please provide a plan map include topographic information of the landslides. Put all the important points, such as sampling location, the profile position shown in fig.1d. (3) Please explain how the Longitudinal geologic section be drawn without drilling hole.

C1

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-6>, 2018.

C2