

Interactive comment on “Laboratory and 3-D-distinct element analysis of failure mechanism of slope under external surcharge” by N. Li and Y. M. Cheng

Anonymous Referee #2

Received and published: 20 October 2014

I personally find this paper very interesting and well written. It is quite rare to find in a single paper results both from experimental investigations and heavy 3D numerical computations. The computations done seem to me to be well-formulated and vigorous, and give reasonably close results to experimental data, confirming its validity. On the experimental results, the friction angle of 58.6° appears unusually high. May be the authors should further check their results and give a comment on this.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 5937, 2014.

C2316