

Interactive comment on “Movement of the Donglingxin landslide, China, induced by reservoir inundation and rainfall” by J. Yu et al.

Anonymous Referee #1

Received and published: 7 May 2015

1. The work done is comprehensively described, but lack of review of previous work, accordingly, too few references are listed.
2. I am not sure that "reservoir inundation" in title and paper is a suitable expression, is there a better choice, such as "reservoir fluctuations"?
3. It seems that no evidence proved the deep sliding surface is a translational slide, at least from the fig.5.
4. "The permeability of the lower part of the landslide is good." "the upper part is poor", is it real? may be just the opposite.
5. Line12 in abstract, "filed" should be "field".

C638

6. Line4 in P2545, please check "From May 2010 to May 2011" is right, may be "From May to June 2010"?
7. Line6 in P2545, please check "Since May 2010" is right, may be "From May to June 2011"?
8. Line9 in P2547 and Table 2 ,please check "inundation with rainfall" is right? and what does it mean?

In a word, the paper presents a comprehensive description of influences of reservoir fluctuation and precipitation conditions on the occurrence of landslides at a particular location. The methodology, results and conclusions are sound. However, the paper does need through improvements to readability to rectify the use of English language, poor sentence structure and grammatical errors.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 2537, 2015.

C639