

Interactive comment on “Glacier lake outburst floods of the Guangxieco Lake in 1988 in Tibet, China” by J. J. Liu et al.

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The discussed topic is challenging, and follows the line of the recent literature about glacier lake outburst hazards in mountain regions (e.g. Bolch et al., 2008; Mergili, and Schneider, 2011; Fujita et al., 2013). I would like to thanks both the reviewers for raising interesting critical issues and suggestions. Holger Frey (reviewer #1) provided a very high-quality review, with many points that need to be explained and corrected, before publication. The authors replied with detailed explanations to the questions/clarifications raised. Based on this feedback, I think that the authors should have the opportunity to propose a revised version of their work.

References

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Bolch, T., Buchroithner, M. F., Peters, J., Baessler, M., and Bajracharya, S.: Identification of glacier motion and potentially dangerous glacial lakes in the Mt. Everest region/Nepal using spaceborne imagery, *Nat. Hazards Earth Syst. Sci.*, 8, 1329–1340, doi:10.5194/nhess-8-1329-2008, 2008.

Fujita, K., Sakai, A., Takenaka, S., Nuimura, T., Surazakov, A. B., Sawagaki, T., and Yamanokuchi, T.: Potential flood volume of Himalayan glacial lakes, *Nat. Hazards Earth Syst. Sci.*, 13, 1827–1839, doi:10.5194/nhess-13-1827-2013, 2013

Mergili, M. and Schneider, J. F.: Regional-scale analysis of lake outburst hazards in the southwestern Pamir, Tajikistan, based on remote sensing and GIS, *Nat. Hazards Earth Syst. Sci.*, 11, 1447–1462, doi:10.5194/nhess-11-1447-2011, 2011.

Interactive comment on *Nat. Hazards Earth Syst. Sci. Discuss.*, 1, 4605, 2013.