

Interactive comment on “Geospatial Analysis and Simulation of Glacial Lake Outburst Flood Hazard in Hunza and Shyok Basins of Upper Indus Basin” by Syed Naseem Abbas Gilany et al.

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Thanks for rating the study as interesting and for your constructive suggestions concerning key details required. We presented an outburst flood modelling study for three glacial lakes in Pakistan. These lakes are referred as ‘potentially dangerous’ because of their potential outburst and being hazardous to the downstream settlements. These lakes constitute a hazard owing to their substantial seasonal growth. The requisite English language and grammar editing of manuscript will be done in the final revised version. The requisite restructuring and editing of introduction including addition of more literature will be incorporated in the final revised version of the manuscript. The

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repetitions at places will be done away with for its logical proceed to provide more clear context for the study. The observations regarding results will be incorporated in the final revised version of the manuscript. The model domain was large enough to avoid flood modelling errors and the DEM used of 15 m resolution was suitable for simulated flood extents. Moreover, the specific comments will be addressed in the final revised version of the manuscript.

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