

## ***Interactive comment on “Climatic and topographic influences on glacier distribution in the Bhutan Himalaya” by H. Nagai et al.***

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The study by Nagai et al aims at providing topographic and climatic influences on the distribution of glaciers in the Bhutan Himalaya. This is a relevant objective, since 1) little is known on the distribution of glaciers, and their characteristics in this part of the Himalaya and 2) more research is needed on the débris-covered glaciers across the Himalaya, particularly their characteristics. Combining topographic and climatic factors to characterize these glaciers is worthwhile ; however, at this point it seems that the paper lacks a rigorous statistical analysis to justify this. I would suggest revising the objectives, and especially the results/discussion and re-submit at a later time. I think this can still be a valuable contribution, but needs to be thoroughly revised.

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Please also note the supplement to this comment:

<http://www.the-cryosphere-discuss.net/8/C666/2014/tcd-8-C666-2014-supplement.pdf>

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Interactive comment on The Cryosphere Discuss., 8, 1305, 2014.

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