

## ***Interactive comment on “Glacier variations in the Himalaya from 1990 to 2015 based on remote sensing” by Qin Ji et al.***

**Qin Ji et al.**

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Dear Anonymous Referee,

Thanks you very much for your comments suggesting our manuscript entitled “Glacier variations in the Himalayas from 1990 to 2015 based on remote sensing”. We have corrected grammar and wording by a native speaker, and improved the layout by inserting empty lines before section headings and before/after figures and tables in the revised manuscript. Several smaller glaciers have not been mapped in Fig. 5 and 7, and we explained it in the revised manuscript lines 194-202 (In this process, we extracted glaciers with an area greater than 0.05 km<sup>2</sup> (the remaining small scales areas are likely to be snow). In addition, due to the impact of the quality of remote sens-

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ing images in different periods (the quality of a certain period or several periods was not ideal), there were glaciers with areas greater than 0.05 km<sup>2</sup> that we also did not count. Considering the interpretation accuracy, we found that the distribution area of such glaciers was small, and the impact on the entire Himalayas was low). In addition, we can't find the article about the GAMDAM2 inventory by Sakai (2019), can you send us the title of article or published journal? Many thanks again.

Best wishes

Qin Ji

Please also note the supplement to this comment:

<https://www.the-cryosphere-discuss.net/tc-2019-297/tc-2019-297-AC1-supplement.pdf>

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Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-297>, 2020.

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