

Rebuttal letter

L12. Could you please quantify? Perhaps average size? Just to give the reader some insights here.

Authors: We modified the abstract accordingly and added typical size that can be observed for tropical glaciers located in the study area.

L13. I think it would be useful here to quantify this value in the abstract.

Authors: We modified the abstract accordingly and added typical ice velocity that can be observed for tropical glaciers located in the study area.

L21. “enables one to”

Authors: Done.

L23. glacier/ice shelf destabilizations. You might also add here glacier surging.

Authors: Done.

L37: “for”

Authors: Done.

L56. It would be good to specify the sites where the images are downloaded from, this could be done by simply adding a bracket with the website after each sensor.

Authors: Done. We added the site where image were downloaded into brackets.

L59. This is the NIR band correct, if so, I think it would be better to state that it is the NIR band rather than band #8, so that it is explicitly clear to the reader.

Authors: Done.

L100. In the next instance it is d-GNSS, so quickly check the entire document for consistency.

Authors: Done.

L95-105. I think it might be better to move this out into its own very short section, perhaps just to begin the results (or perhaps at the end of the methods section as an evaluation of the displacement results). Right now, this content doesn't quite fit in the 'Overall description and decadal trend' section of the paper, although it is useful and should be presented just prior to the overall trends.

Authors: Done. We have moved the text to section 2.1 entitled "Evaluation with field measurements".

L112. Instead of saying 'surge-type' acceleration, I think it would be better to state 'surge-like'

Authors: Done.

L116. Please state the month to month start and end point of the period in order to be more precise.

Authors: Done.

L118. This can be combined with the next sentence to improve readability.

Authors: Done.

L122-125. I would suggest modifying this sentence a bit, state that the evidence might suggest a surge, which is quite unusual for the area and then end the sentence with the caveat that more work would be needed to say with any certainty the a surge has occurred.

Authors: Done.

L132. Please write out approximately in full.

Authors: Done.

L145. This section should be retitled to 'Discussion and Conclusions'. I think the section could end with a bit stronger of a conclusion drawn from the work presented here.

Authors: We have added a little conclusion paragraph summarising the main findings of the paper.

L185. "Sheds"

Authors: Done.

L188. "are not debris covered"

Authors: Done.

L192. "Means"

Authors: Done.