

The Cryosphere Discuss., referee comment RC1
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Comment on tc-2021-286

Anonymous Referee #1

Referee comment on "Land- to lake-terminating transition triggers dynamic thinning of a Bhutanese glacier" by Yota Sato et al., The Cryosphere Discuss.,
<https://doi.org/10.5194/tc-2021-286-RC1>, 2021

- The article provides a very good understanding of the topic that gives the reader an overview of glacier retreat and subsequent proglacial lake formation across the Himalayas region. The research was well conducted, and information was presented accordingly.
- The research observed the dynamic changes in two glaciers in the Bhutanese Himalaya, which should reflect on the article's title.
- The methodology and data analysis has been well explained in each section, but the overall methodology of how different sets of data (with different source and resolution) are compared and analysed would help readers to get a better understanding.

Technical corrections

- "ITS_LIVE" has not been explained through the article.
- "GAMDAM" has not been explained through the article.