

Dear Niels,

Thank you taking care of the editorial process these last weeks, despite previous problems. We appreciate your efforts to complete and improve the manuscript. Below you find our reply to your comments.

Change title to: Sediment supply from lateral moraines to a debris covered glacier in the Himalaya.
Changed.

Drop the word 'tongues' from the abstract. Simply use 'glaciers'.

We have changed this throughout and adapted some lines to avoid unnecessary repetitions.

Mention structure-from-motion as the technique used to construct DEMs. This is a key search term for many colleagues.

Thank you for the suggestion. We have added this.

Line 8: make clear that the elevation change reported here is within the moraines.

Changed.

Line 10: When reporting seasonal rates, then a time unit smaller than yr is appropriate. Consider using month instead. This is not an instruction. Feel free to decide otherwise.

We do agree that a time unit smaller than yr is better in indicating the rates are seasonal, or half yearly. However, monthly rates suggest we have data at a monthly resolution, which is not the case. Furthermore, in other glacier related erosion processes as rockwall or basal erosion values are expressed on a yearly timescale, and the direct comparison essential in our Discussion is easier without deviating from this norm.

Line 12: can you give a range on the debris thickness?

We added a value for the absolute thickness in the abstract, which is based on a number of point observations. We specifically refer to the observations with more detail also at p11/123.

Line 12: ... possibly reducing melt rates of underlying glacier ice.

Added.

The legends of the picture boxes in Figs. 2 and 3 are not clearly legible, due to lack of contrast. Please use a background that provides more contrast.

Changed.

Figure 9C needs more space, and/or larger symbols and lettering.

Figure, font size and dot size enlarged.

With kind regards,

Teun