

## **Answer to the editor**

Dear Daniel,

Thanks for accepting our paper for publication and giving a guideline for the last set of minor revisions.

We have adopted most of the reviewer's suggestions. In order to track the latest changes, we have uploaded a marked-up version that shows the differences between the current manuscript (version4) and the previous one (version3).

Somewhat major changes have been made to the structure of the introduction: We agree that the introduction is better structured if it first gives some background information on the topic before presenting the results. Our intention to attract the reader right at the beginning should already be achieved with the abstract. Therefore, we decided to start the introduction with some general information about surge-type glaciers, followed by a short explanation of the motivation for our study of Harald Moltke Brae. We then go into more detail about the characteristics and mechanisms of glacier surges. The time series showing the flow velocity from 1998 – 2019 has been moved to the 'Results' section.

As suggested by the reviewer, we now present the geography of the Harald Moltke Brae in a separate section entitled 'Study area'.

We have also added some more detailed explanations (comments for lines 95, 99, 127-128 and 132-133) which we hope will provide more clarity on our approaches.

Best regards  
Lukas