

Dear Editors and the Reviewer,

Thank you very much for your time spent on my manuscript “Recent contrasting behaviour of mountain glaciers across the European High Arctic revealed by ArcticDEM data”. I am very happy to receive your positive feedback on the corrected version. I have now applied all suggestions by the Reviewer, i.e.:

L205 – I added a sentence “This implies that the procedure does not account for firn compaction, a process that might contribute to a slight surface lowering in high-elevation areas of some glaciers.”

L327 – I added information about the slope of the regression (median elevation vs. geodetic balance), equal to  $0.25 \text{ m a}^{-1}/100 \text{ m}$ .

I also corrected the four stylistic issues and changed the colour of fjords/ocean on detailed maps (Fig. 7 and supplementary figures) from blue to grey, so that water is not confused with positive mass balance areas.

Thanks again for your work.

Sincerely,

Jakub Małeckı