

Response to the review of the manuscript “Impact of Greenland Ice Sheet Disintegration on Atmosphere and Ocean Disentangled”

by M. Andernach, M.-L. Kapsch and U. Mikolajewicz

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We would like to thank you for reviewing our revised version of the manuscript and are delighted that most of the changes we implemented have been well-received. We greatly appreciate your fair proposal regarding the surface mass balance of the GrIS section. Given that both reviewers suggested to drop this section, we have collectively decided to remove the section and connected discussion. We have carefully revised our manuscript accordingly along with some minor linguistic changes.

All authors have read and approved the suggested changes. We appreciate the opportunity to further enhance our manuscript and are looking forward to your feedback.

Kind regards,

Malena Andernach, Marie-Luise Kapsch and Uwe Mikolajewicz