

Interactive comment on “Sensitivity of submarine melting on North East Greenland towards ocean forcing” by Philipp Anhaus et al.

Philipp Anhaus

philipp.anhaus@awi.de

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Thank you very much for investing time and providing very detailed and constructive feedback, corrections and useful comments regarding our paper.

We will start improving this manuscript by thoroughly re-organizing and re-referencing. We will focus on pointing out more clearly new insights on submarine melting at the 79NG. The approach to assess the stability of the 79NG is indeed based on weak assumptions and neglects feedbacks in the fjord system. We seek to reform this by at least including seasonal AW temperature/thickness (and presence) and seasonally distributed subglacial discharge. We will further intensively discuss the suggestion to include a glacier model.

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Discussion paper



Sincerely, Philipp Anhaus

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-35>, 2019.

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