

January 9, 2018
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Prof. Tedesco
Editor, The Cryosphere

Dear Prof. Tedesco:

We are happy to know that our revised manuscript entitled as “NHM-SMAP: Spatially and temporally high resolution non-hydrostatic atmospheric model coupled with detailed snow process model for Greenland Ice Sheet” by Masashi Niwano et al. [Paper # tc-2017-115] submitted to the journal The Cryosphere has been accepted. Thank you again for taking the time to check our manuscript and obtaining expert reviewers.

In response to the Editor’s comment: “Please, consider using a more quantitative term on line 28, in the abstract, rather than using the qualitative word 'well'.”, we have revised the sentence as follows:

“In particular, it reproduced the GrIS surface melt area extent well.”

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“In particular, it successfully reproduced the temporal evolution of the GrIS surface melt area extent, as well as the record melt event around 12 July 2012, at which time the simulated melt area extent reached 92.4 %.”

Yours sincerely,
Masashi Niwano and co-authors