

Interactive comment on “Reflective properties of melt ponds on sea ice” by Aleksey Malinka et al.

J.-L. Tison (Editor)

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Dear Authors,

We have now received the comments of the two referees and both recommend publication with minor changes, which is good news. I would first like to apologize for the delays encountered during this phase. Expert are difficult to find, and those who were willing to review the manuscript had long engagements in the field. Also, the Christmas/New Year period is not very favourable to swift action!..

Although both reviewers qualify the revision as "minor", I still believe that there is a fair amount of work to address their comments. For example, both reviewers noted the absence of discussion about the third controlling parameter (transport coefficient) and reviewer #2 has the same concern as my original one, the Novelty of the paper...this needs to be extremely clearly underlined in the new version of the manuscript, since it

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is a priority criteria for publication in TC!..

I would therefore strongly recommend that you address all (both general and detailed) comments raised by each reviewer in a "reply to comments" document. The easiest way for me to judge of the adequacy of your answers is to provide me with (upload) the following documents:

- a) Your "reply to comments" document in which you paste the comments of REv1 and 2, and clearly give your answer underneath each of these comments (different paragraph, different color, different police..your choice). That answer should refer to the line numbers in the new version of the manuscript (see b) below) were you address the comment, when applicable
- b) a new version of the manuscript (text + figures) clearly showing (e.g. highlighting) the changes made in response to the reviewers comments
- c) a "clean" (no comments) new version of the manuscript (text + figures)

Good luck with it,

Best regards,

Jean-Louis Tison

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2017-150>, 2017.

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