

Interactive comment on “Remote sensing of sea ice: advances during the DAMOCLES project” by G. Heygster et al.

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Author’s answer to both reviews:

The manuscript has experienced two diverging reviews. Reviewer 1 suggests that the editor should have rejected the manuscript because it contains both reviews of results published previously and new results, what would be incompatible with TC’s policy, and the criteria for both types of publications would not completely fulfilled.

Reviewer 2 finds the topic very suitable for the DAMOCLES special issue and does not see a problem in this combination of review and original paper. Rather he mentions the advantage of collecting all the progress of DAMOCLES achieved in the field of sea ice remote sensing in one place, combining them with progresses obtained in the same

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period outside DAMOCLES.

As the authors can only follow one of these two mutually exclusive lines, they would like to adopt the view of Reviewer 2, at the same time accounting in a revised version for the detail suggestions of both Reviewer 1 (extend presentation of new material where required, solve as far as possible references to the grey literature, obtaining permission for reproduction of pre-published figures) and Reviewer 2 (include in Conclusions comparison to advances in the field made during DAMOCLES, but outside the project, include missed DAMOCLES advances, revise Section 6 on sea ice thickness, 20 minor comments).

As the new material seems to prevail in the article, we suggest shifting its classification from review to original publication.

If the editor agrees to our suggestions, we will submit the revised version within four weeks.

Editor, please let us know your decision.

Interactive comment on The Cryosphere Discuss., 6, 37, 2012.

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