

Interactive comment on “Spatial probabilistic calibration of a high-resolution Amundsen Sea Embayment ice-sheet model with satellite altimeter data” by Andreas Wernecke et al.

Olaf Eisen (Editor)

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Dear authors,

your manuscript received two reviews. The main issue is that both reviews consider the scientific rigour of the method as insufficient, as reliable testing of the approach with synthetic experiments has not been carried out and the predictions/projections neglect several important aspects of future forcing or use too simple parameterisations. This is of course critical for the overall implications of your results.

In the current stage you are supposed to respond to the criticism raised by the referees

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before providing a revision. I ask you to seriously consider all major points raised, especially whether you will be able to address them adequately in a detailed revision. Based on your response I will then evaluate whether we can invite a revised version of the manuscript for consideration with TC.

Regards, Olaf Eisen

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-156>, 2019.

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