The Cryosphere Discussions

The Cryosphere Discuss., editor comment EC1
https://doi.org/10.5194/tc-2021-175-EC1, 2021
© Author(s) 2021. This work is distributed under
the Creative Commons Attribution 4.0 License.

Editor assessment on tc-2021-175

Olaf Eisen (Editor)

Editor comment on "Brief communication: A roadmap towards credible projections of ice sheet contribution to sea level" by Andy Aschwanden et al., The Cryosphere Discuss., https://doi.org/10.5194/tc-2021-175-EC1, 2021

Dear Andy Aschwanden & co-authors,

thank you for submitting your manuscript to TCD, the discussion phase of which will end soon. We received two referee comments and two comments from the community, among the second one is from the ISMIP6 core team. It can be stated that your paper initiated a discussion in the community already before final publication, something which you probably intended.

All comments are very constructive and in some cases particularly detailed, especially those from the ISMIP6 core team, but all in favour of moving forward with this ms though requiring major revisions. "Major" in this case does more apply to the number of revisions/changes you should make rather than to some wrong assumptions. Despite that your manuscript was intially submitted as a brief communication, I ask you to prepare a careful revision and respond to all comments. Some issues are mentioned in various comments (e.g. the role of Antarctica, use of ISMIP6 in the AR6), so you can easily group your responses. Given the interest of the community in this topic I find it more relevant and adequate to clarify all issues in revision rather than to stick to the TC guidelines for "Brief Communications" regarding the number of pages.

With a big thank to the community for providing these comments and the two referees I'm looking forward to your revision.

Best Regards,

Olaf Eisen