

Interactive comment on “Impact of asymmetric uncertainties in ice sheet dynamics on regional sea level projections” by Renske de Winter et al.

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First of all, I enjoyed reading the paper. The tails of the probability density functions (pdf's) are important and needed in the design of coastal defense infrastructure, and as such the paper is policy relevant.

I was wondering whether possible long term changes (intensification) in the terrestrial waster cycle (e.g. change in surface waters and soil moisture) are accounted for? The throughput of the water cycle is large so their might be a nett effect on sea level, and it might be widen/shift the pdf's of the type shown in fig 2 because of the added uncertainties. I'm asking because from GRACE we found some indications that water storage over the last decade has a negative contribution to sea level (see refs below).

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