

Interactive comment on “Bed topography of Princess Elizabeth Land in East Antarctica” by Xiangbin Cui et al.

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Many thanks for your thoughtful comments.

On comparison with Bedmachine Antarctica, this is an excellent point - thank you. We'll incorporate that assessment in the revision, but will retain the Bedmap2 comparison also.

On flow routing, again, we'll work on how to improve the hydrological model - but we'll also consider whether we need to retain this given the expansion to include Bedmachine comparison. We'll do the work suggested, but we're unsure at this stage on whether we'll include it or not.

One the mention of the survey completing the first order coverage of Antarctica, we
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would prefer to keep this - because it has some significance. This really is the last big piece of the Antarctic bed jigsaw and we fell it deserves mention. We certainly don't claim that the survey is any better than any other - just the fact that bedcover in Antarctica has now been measured at least to a first degree with no major data gaps (there are always gaps - but smaller ones!).

Hope this indication of how we'll proceed is OK.

Thanks again,

Martin

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2020.