

The Cryosphere Discuss., author comment AC3
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Reply on CC2

Frédéric Dupont et al.

Author comment on "A probabilistic seabed–ice keel interaction model" by Frédéric Dupont et al., The Cryosphere Discuss., <https://doi.org/10.5194/tc-2021-273-AC3>, 2022

This sounds quite interesting. if you could retain the standard deviation of the approximation (or better, of the original bathy data in each cell)], then you could use this value instead of the user-defined sigma_b. The Adcroft reference is quite useful too and was added in the paper as an example of subgrid bathymetry applications.