

Earth Surf. Dynam. Discuss., editor comment EC2
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Comment on esurf-2021-88

Frances E. G. Butcher (Editor)

Editor comment on "Modeling the spatially distributed nature of subglacial sediment transport and erosion" by Ian Delaney et al., Earth Surf. Dynam. Discuss., <https://doi.org/10.5194/esurf-2021-88-EC2>, 2022

Dear Authors,

Thank you for your responses to the reviewers comments. I encourage you to prepare a revised manuscript for consideration.

As a suggestion, I think that the new Figure 1 illustrating Equation 7 could be clearer. In particular, the channel cell should be oriented in the same direction as the Q_w, Q_s arrows. Perhaps this can be achieved by using an oblique perspective of an oblong (with a depth of 1 model cell), rather than the cylinder currently used. Additionally, for clarity, the ice layer could be drawn in.

I spotted a few typographical errors in the revised passages. Please proofread and correct these passages in the revised manuscript.

I look forward to reading the revised manuscript.

Many thanks

Frances Butcher