

Interactive comment on “Morphological and sedimentological response of a mixed-energy barrier island tidal inlet to storm and fair-weather conditions” by G. Herrling and C. Winter

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I have particularly enjoyed reading this manuscript as multi-sediment morphodynamics is an area that only begins to be explored but that is certainly of major interest. The manuscript presents results from an open-source numerical model widely used by researchers worldwide (still, details should always be provided so that results can be reproduced) and results are definitely interesting and worth publishing in ESurf. However, the reviewers also flag a number of issues that need to be addressed before publication can be granted. In particular I urge the authors to address comments related to the validation of the model results and to the physical insights gained through

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this study.

I look forward to receiving a detailed reply to all the comments (including the ones marked in the manuscript) as I am sure they will all contribute towards a better manuscript.

best regards giovanni coco

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