

Interactive comment on “Impact of bottom trawling on sediment biogeochemistry: a modelling approach” by Emil De Borger et al.

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We thank the reviewer for the time taken to read and comment on the manuscript. Most of the suggestions and requests for additional clarification were implemented in the manuscript, including the addition of a new figure (which was also suggested by the other reviewer). We did choose to keep the reference to unpublished works, from which data was used to support the modelling setup (Toussaint et al., in review, De Borger et al., in review). Both works are in the reviewing process (one requiring major revisions, mostly related to framing the novelty of the research, the other resubmitted after minor revisions). However, we understand the need for clarity in this manuscript itself, and opted to add additional information about the sampling procedure in the supplementary data, and to extend the explanation of the fitting procedure. In the

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attachment, each remark is answered individually. With these changes, we hope to have replied to this review in a satisfactory manner.

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2020-328/bg-2020-328-AC1-supplement.pdf>

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-328>, 2020.

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