

## ***Interactive comment on “Biological and biogeochemical methods for estimating bio-irrigation: a case study in the Oosterschelde estuary” by Emil De Borger et al.***

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Reply to reviewer 2

We thank the reviewer for insightful comments and suggestions, which improved the manuscript. The reviewer highlighted some confusing paragraphs in the materials and methods and discussion section, that relate to: the lack of a clear question/hypothesis statement in the introduction, and the use of the coinertia analysis as our multivariate analysis of choice. These remarks were addressed in the following ways: - Expansion of the introduction, by rephrasing and clarifying the aim of the study, and elaborating on the model development. - Rewriting the materials and methods of the data analysis,

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and the caption of the main figure describing the coinertia analysis results.

In the attachment we reply to the reviewer remarks, with the according line numbers where appropriate.

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2019-413/bg-2019-413-AC2-supplement.pdf>

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2019-413>, 2019.