

Biogeosciences Discuss., author comment AC1
<https://doi.org/10.5194/bg-2022-23-AC1>, 2022
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Reply on RC1

Justin C. Tiano et al.

Author comment on "Trawling effects on biogeochemical processes are mediated by fauna in high-energy biogenic-reef-inhabited coastal sediments" by Justin C. Tiano et al., Biogeosciences Discuss., <https://doi.org/10.5194/bg-2022-23-AC1>, 2022

Overall Response to Reviewer 1: First we would like to thank the reviewer for taking the time to read the manuscript and give critical and constructive feedback. This study uses various types of data, and it was at times challenging to squeeze it all into a cohesive story. The reviewer gave a lot of useful suggestions to make our manuscript more concise and easier to read. This led to us removing certain superfluous aspects which were less important to the narrative. We also chose to place less emphasis on the 'reference' sites as the spatial variability of these sites make them less representative of the trawl treatment plots. All reference (now called untrawled adjacent) information can be found in the updated supplementary materials. Readers can focus on the before-after effects in the manuscript but may refer to the supplement if they are curious about potential temporal effects in the untrawled areas during the course of the experiments.

Please see the attached supplement for the detailed responses to all comments.

Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2022-23/bg-2022-23-AC1-supplement.pdf>