

## **Author's response Baek et al (800938)**

Thank you for your decision regarding this manuscript.

We carefully reviewed the entire manuscript to minimize unnecessary acronyms that may interrupt readability. As a result, we deleted six acronyms that were used only in a single section. We also clarified in the figure and table captions that the remaining acronyms are necessary for presentation in figures and tables. In addition, we added a sentence at the end of the Materials and Methods section directing readers to the abbreviation table provided in Supplement Table S4.

We also revised the section 9. Acknowledgements and Funding sections because the project numbers changed with the new year.

Finally, we revised a section 6. Code/Data availability section and removed the title page from the Supplement, as requested.

We sincerely hope that this study contributes to expanding the scope of microbial oceanography in *Biogeosciences*.