

Dear Editor,

We are writing to express our sincere appreciation for considering our paper. Based on your suggestions we made the corrections to enhance the quality of the manuscript.

a) In response to your feedback, we have included major parts of the data and analytical codes as data availability. This addition will significantly contribute to the transparency and reproducibility of our research.

b) Additionally, we have incorporated the paragraphs that were mentioned in our previous reply letter into the manuscript.

Once again, we would like to extend our gratitude to you and the reviewers for providing us with insightful and constructive feedback. Your guidance has immensely helped us refine our study. We are truly grateful for the opportunity you have given us to publish our research in Ocean Science.

Thank you for your continued support.

Yours sincerely,
Saeed Hariri