

Dear Topic Editor,

I am very pleased to learn that my manuscript has been accepted for publication, and I would like to express my sincere gratitude to you and the reviewers for your support throughout this process.

As requested, I am submitting the final version of the manuscript. In this version, I have made the following minor adjustments for publication:

Acknowledgements I have added two missing funding credits.

Equation Layouts Several long equations have been reformatted to fit cleanly within the double-column layout without affecting their mathematical content.

Thank you once again for your excellent guidance. I look forward to the next steps of the publication process.

Sincerely,

SAITO Fuyuki.

Japan Agency for Marine-Earth Science and Technology (JAMSTEC)