

Point-by-point responses to the Editor

Dear Dr. Renner,

Thank you very much for your positive assessment of our revised manuscript and for identifying these remaining minor errors. We have made all four corrections as detailed below, as well as other minor errors we found in the manuscript.

Comment 1. Fig. 1 caption: *Should that be GIGATL6 instead of GIGATL for panel (c)?*

Response: We thank the reviewer for pointing this out. Yes, “GIGATL” has been corrected to “GIGATL6” in the caption for panel (c).

Comment 2. Typo - Line 111: *Correct typo “formED”*

Response: We thank the reviewer for pointing this out. We have corrected “form” to “formed”.

Comment 3. Caption of Figure 4: *- Should that be five (instead of four) GIGATL simulations?*

Response: We thank the reviewer for pointing this out. Yes, “four” has been corrected to “five” in the caption to reflect the five GIGATL simulations analyzed in this study.

Comment 4. Typo - *Correct typo “considered”.*

Response: We thank the reviewer for pointing this out. The typographical error has been corrected to “considered”.

Thank you again for your careful reading and for handling our manuscript.

Best regards,
Yonglin Huang
On behalf of all authors