

Comments to the authors:

To the authors,

Thank you very much for submitting your revised manuscript. You have thoroughly addressed all reviewer comments and the manuscript looks like it is in very good shape. I have only found some minor grammatical changes (listed below) that should be considered before final publication.

Best regards,
Alex

Minor comments:

L14: reduces ice volume variability => also reduces ice-volume variability

L18: (paleo)climate => paleoclimate

L87: threedimensional => three-dimensional

L149: dynamical sea ice => dynamic sea ice

L251: "This also results..." <= Consider replacing "This" with the explicit name of what you are referring to here. It is not completely clear to me.

L260: this experiment => the latter experiment

L273: floatation => flotation

L385: floatation => flotation [Check for other instances...]

Reply by the authors:

We have implemented all the suggestions given by the Editor. This includes the change of all instances of the word 'floatation' to 'flotation' in both the manuscript and the supplement. We thank the Editor very much for handling our submission.