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To the Editor
Climate of the Past (CP):

Our paper, "**Oceanic response to changes in the WAIS and astronomical forcing during the MIS31 superinterglacial**" is reviewed.

Please find enclosed replies to the comments and suggestions.

EDITOR - To proceed, please upload your final version of the manuscript, addressing the following technical corrections:

- remove the italicised sections where you have highlighted your responses to previous comments

Modified

- page 4 line 13: can you insert a reference or two here to support your statement about some models being warmer than others?

Included: Dawson, A., Matthews, A. J., Stevens, D. P., Roberts, M. J., and Vidale, P. L.: Importance of oceanic resolution and mean state on the extra-tropical response to El Nino in a matrix of coupled models, Climate dynamics, 41, 1439–1452, 2013.

- title of section 3 "Design of the sensitivity experiments"
Modified

- delete page 5 lines 13-14 "Our simulation... MIS 31 interval" (you essentially said it on line 6, and it interrupts your discussion of freshwater impacts)

Modified

- page 7 line 16-17 notes impact of WAIS topography on sea ice, but this seems to interrupt the overall discussion on SSTs, whereas lines 24-25 then note the impact on sea ice. Should the first of these be moved to coincide or to replace the second? I'm a bit confused about why you cite Supp Fig 1c in the second example when the first cites Figs 2e and 2f?

- page 7 final line (into page 8): is this finding from your results, or do you need to cite one of the data papers which shows this?

Modified

- page 8 line 9 "these locations" - clarify if this is Lake E and ODP 982, or remove the paragraph break so that the two sentences are together.

Paragraph removed