

Interactive comment on “Palaeogeographic controls on climate and proxy interpretation” by D. J. Lunt et al.

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Dear authors,

your contribution has been seen by two reviewers. Both reports are positive, and require only minor revisions. I encourage you to submit a revised version, taking into account all the reviewers comments. Specifically, I think that the following questions are central:

1) your simulations did not reach the steady-state, and the deep sea temperatures still display a significant drift. I'm fully aware of the difficulties to run heavy numerical models for a long period of time. But the caveats linked to this limitation must be discussed more extensively in the main text.

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2) the question of the availability of the maps in numerical format has been raised by the second reviewer. This is the main forcing function of your simulations, it seems to me that the maps should be made available to the scientific community, together with your model results. Would this be possible ? If not, you should expand somewhat on how they have been built, and most importantly, on how do they compare with other paleogeographic and paleotopographic reconstructions.

Your paper is an important contribution to the understanding of the climatic drivers of the Earth surface evolution. I hope to see you revised contribution soon.

Best regards

Interactive comment on Clim. Past Discuss., 11, 5683, 2015.

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