

Interactive comment on “Implications of the permanent El Niño teleconnection “blueprint” for past global and North American hydroclimatology” by A. Goldner et al.

N. Abram (Editor)

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Dear Dr Goldner and co-authors,

Your manuscript submitted to Climate of the Past has now received comments from three referees during the open discussion phase. Each of the referees find this to be an interesting paper and provide some very constructive ideas for how to improve the content and readability of the paper.

Your interactive comment gives some useful additional detail in response to some of the comments of the first two referee reports, so thank you for providing this. To proceed, I now ask you to respond to all of the referee comments online in an Author Comment

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and to submit a manuscript that is revised accordingly.

In preparing your revised manuscript I think that it is particularly important that you:

Include more detail summarising the palaeoclimate evidence for past hydrological changes in the North America region. It would be very useful if you could also incorporate a mapped summary of the proxy evidence compared with the output of the regional climate model.

Include additional results and discussion from your interactive comment that address questions about the radiative imbalance in the model runs.

Revise the methodology so that the method details are clearer, and look at whether it is possible to reduce the number of figures or combine similar figures to improve the clarity of these for readers.

Address reviewer questions about what extra value is gained by using the RegCM3 model beyond those from the global model, and look at clarifying this section of the text.

Author Comments and a revised manuscript are due by the 12th April (final response stage of the online discussion), but please contact me if you require any extra time to prepare your revised manuscript. Sincerely, Nerilie Abram

Interactive comment on Clim. Past Discuss., 7, 199, 2011.