

Interactive comment on “Historical reconstruction of ocean acidification in the Australian region” by A. Lenton et al.

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Additional comment to the response to the Reviewers:

While we updated the alkalinity-salinity relationship in our revised version, it is important to note that in reality, despite significantly more data and an improved value of R-squared, the difference was between the old and new relationship is only +/-0.4 micromol/kg in alkalinity. This difference is well within the uncertainty of the calculated pH and aragonite saturation state of 0.02 and 0.1 respectively. Consequently within our domain with an updated lower boundary of 45S, the results in the paper and figures remain unchanged.

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