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Climate of the Past Discussions
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Interactive comment on "Variability in terrigenous sediment supply offshore of the Rio de la Plata (Uruguay) recording the continental climatic history over the past 1200 years" *by* L. Perez et al.

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Dear Dr. Perez and co-authors

The three referees who looked at your manuscript are consistent in their assessment that your study has the potential for a valuable paper, but that you need to add more vigour to make it scientifically strong. The criticism relates to several central aspects of the paper:

- The interpretation of the proxies, in particular the elemental ratios, should be more rigorous and more open to alternative interpretations.

- The paleoclimatic and paleoceanographic interpretation should be more differentiated with respect to the various climatic phenomena that affect the region. Given that the paper is a regional study, the dynamical interpretation also requires to zoom into regional-scale detail.

- You should be cautious that the paleoclimatic interpretation remains within the limits defined by the dating.

Other aspects raised by the referees might be less prominent but no less important, therefore also require a response.

The reviews are thus all constructive, but also demanding in the revisions they request. I am asking you, as per our standard procedure, to (1) respond with an Author Comment to all the comments made by the referees and (2) to revised your manuscript accordingly. I suggest that you prepare the response and the revisions in parallel and submit them together. However, if you are unsure whether you will be able to satisfy the referees' demands, you can also submit the responses fist to get my feedback whether revisions appear worthwhile at all.

Given that one referee commented on the English, please note that after final acceptance of the paper, the publisher (Copernicus) runs a professional copy-editing of the language and form. Therefore, while you should try to write the manuscript clearly and correctly, formal issues will be sorted out before publication.

With kind regards

Thorsten Kiefer, editor Climate of the Past

Interactive comment on Clim. Past Discuss., 11, 1343, 2015.