

Interactive comment on “A review of the South American Monsoon history as recorded in stable isotopic proxies over the past two millennia” by M. Vuille et al.

Anonymous Referee #2

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The paper is very well written, and it really makes a great contribution to the knowledge of the SAMS. The fact that they used paleo indicators to describe some of the past characteristics of the SAMS is perhaps the best contribution to this paper, and it also refers to many studies published before, even though perhaps this literature review may have to be updated. There should be some indication, and perhaps a figure on the uncertainties and limitations on the paleo indicators. ENSO is not the only factor that affects climate variability in the SAMS regions, the tropical Atlantic and the AMO are also important, and this should be indicated on the text.

I have some minor suggestions.

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Page 639, I suggest to include a review paper on the SAMS, published online in 2011 and a paper in 2012, in International Journal of Climatology. This paper is an updated review on SAMS, and should be referred to here.

Page 645, lines 10–12, what about the Atlantic influence (AMO, tropical Atlantic)?, ENSO is not the only influence on SAMS

Page 657, in line 10, what about the intensity of the SAMS during periods such as the Holocene?.

Interactive comment on Clim. Past Discuss., 8, 637, 2012.

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