

Interactive comment on “Climatic variability and human impact during the last 2000 years in western Mesoamerica: evidences of late Classic and Little Ice Age drought events” by A. Rodríguez-Ramírez et al.

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This paper by authors A. Rodríguez-Ramírez, M. Caballero, P. Roy, B. Ortega, G. Vázquez-Castro, and S. Lozano-García, is a nice contribution to the understanding of late Holocene climate in Mexico. The 2000-year record from Santa Maria del Oro extends knowledge of climate to the westernmost fringe of the volcanic belt. Perhaps the most interesting finding is the link between archaeologically documented human occupation and moist periods (also documented paleolimnologically) and the fact that the watershed appears to have been largely abandoned during drought episodes.

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Also, droughts of the Late Classic and Little Ice are proving to have been widespread. The interpretation follows from the data and the authors explain clearly how they interpret each sediment variable. Nearly all my suggestions for improvement deal with very minor English language corrections, and in a few cases, some spelling errors (e.g. species or author names). I also wonder if it might make more sense to plot figure 2 using calibrated ages. It will not make much difference, but all the text refers to such dates, so it would be more consistent. I append the pdf, with my comments included. Mark Brenner

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/11/C719/2015/cpd-11-C719-2015-supplement.pdf>

Interactive comment on Clim. Past Discuss., 11, 1887, 2015.