

Interactive comment on “The effects of past climate variability on fire and vegetation in the cerrão savanna ecosystem of the Huanchaca Mesetta, Noel Kempff Mercado National Park, NE Bolivia” by S. Y. Maezumi et al.

D. Urrego (Editor)

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Dear Dr. Maezumi,

Your manuscript entitled “The effects of past climate variability on fire and vegetation in the cerrão savanna ecosystem of the Huanchaca Mesetta, Noel Kempff Mercado National Park, NE Bolivia” has now received two reviews in the Climate of the Past Discussion. Both reviewers highlight the value of this contribution and recommend publication after minor to moderate revision. I would like to invite you to revise the

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manuscript by incorporating the reviewers' comments.

Please address in particular concerns regarding the zonation of phytolith data, and provide additional detail on the classification analysis used. It would be useful to include a short description on the use of constrained cluster analysis in the Materials & Methods section, including relevant details on distance measure and linking method. Both CONISS (Fig. 3) and CCA (Results) are used as acronyms for the cluster analysis, but CCA may create confusion as this is often used for canonical correspondence analysis. Please also address questions on the development of the chronology and double check the reference for the IntCal13 calibration dataset.

Additionally, both reviewers suggest a number of format changes including the length of the title, use of acronyms, the reference list and Figures. I would also like to see an improved version of Figure 1 that uses the space more efficiently, maybe by enlarging the pictures and reducing the blank space.

I would appreciate it if you can provide responses to each of the reviewers' comments and refer to changes made to the manuscript.

Thank you for submitting your contribution to the LaACER special issue, and I look forward to receiving the revised version of the paper.

All the best,

Dunia H. Urrego

Interactive comment on Clim. Past Discuss., 11, 135, 2015.

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