

Interactive comment on “Twelve thousand years of dust: the Holocene global dust cycle constrained by natural archives” by S. Albani et al.

S. Albani et al.

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Dear Fabrice,

Thank you for your comments on our manuscript. To briefly respond to your concern about the treatment of the uncertainties, I will point out that the assumption we make is that the uncertainties are normally distributed. With reference to one specific comment (p. 4302, line 9), note that the non-Gaussian errors you mentioned actually refer to variables that we do not include in the calculations of the EC uncertainty (e.g. non-dust inputs etc.). Those are rather accounted for in the formulation of the categorical attribution of the confidence level. We hope this responds to your major concern. Your additional suggestions will also be helpful in revising our manuscript.

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Best regards, Samuel Albani and co-authors

Interactive comment on Clim. Past Discuss., 10, 4277, 2014.

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