

Interactive comment on “Extreme storms during the last 6,500 years from lagoonal sedimentary archives in Mar Menor (SE SPAIN)” by L. Dezileau et al.

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Editor Decision: Publish subject to technical corrections (13 May 2016) by Dr. Marie-France Loutre
Comments to the Author: Dear Authors, I am satisfied with your answers to the reviewers. I invite you to prepare your revised manuscript taking into account these comments and your answers. Both reviewers pointed out that your study is based only on one core. Could you add a short comment on that in your revised paper? Why do you think that this single core is really fully representative and significant of the whole lagoon?

We agree with the Editor. Two paragraphs were added in the article:

C1

1/ At the end of the Abstract: "However, further investigations, such as additional coring, high-resolution coastal imagery, are needed to better constrain the main cause of these multiple-events."

2/ In the Discussion: Chapter 5.1: The record of paleostorm events can be complicated by different factors, "Moreover, in order to control localized sensitivity changes, it will be necessary in the future to employ a multiple-site approach, as extreme storms or tsunamis in all this area would likely result in surges and waves of sufficient height to overtop the barrier across wide stretches of coast and not only in a localized area."

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