

## ***Interactive comment on “Potential imprint of Spörer and Maunder solar minima on coral skeleton carbon isotopes” by T. Ourbak et al.***

**H. Gooose (Editor)**

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Dear authors,

Both reviewers found that your manuscript submitted to Climate of the Past Discussion includes interesting ideas about the potential use of  $d^{13}C$  as an indicator of past environmental changes. However, both of them consider that the argumentation should be considerably modified to convince the reader of the validity of the conclusions. In particular, the discussion of the main factors influencing coral  $d^{13}C$  should be significantly extended as well as the one dealing with the influence of the Suess effect. Furthermore, both reviewers consider that the suggested correlation between  $d^{13}C$  and solar activity could not be clearly deduced from the analysis performed and they thus doubt of the validity of this link.

Taking into accounts those points would require a major rewriting of the manuscript. I could thus not, at this stage, encourage you to submit a revised version of this manuscript to *Climate of the Past*. However, if you consider that you could answer the more important remarks of the reviewers, I invite you to submit a new manuscript to *Climate of the Past Discussion*.

Thanks again for submitting your work to CPD

Sincerely,

Hugues Goosse

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Interactive comment on *Clim. Past Discuss.*, 3, 1021, 2007.

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3, S696–S697, 2007

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