

Dear authors,

thank you for a comprehensive and clear revision of your manuscript, which can now be accepted for publication in Biogeosciences. Based on your revised version I only have a minor, technical comments.

- Rephrase $\delta^{13}\text{C}$ - CaCO_3 so that CaCO_3 is not in subscript, for instance by using a dash after $\delta^{13}\text{C}$. This way the chemical notation of CaCO_3 can be written correctly (with subscript). Or, consider written inorg, as an alternative for $\delta^{13}\text{C}_{\text{org}}$.

Done.

- Appreciation for the effort of the reviewers can be reflected by a short statement in the acknowledgments.

Done.

Additional private note (visible to authors and reviewers only):

Thanks to all reviewers and authors for constructive comments and replies.

Thank you to both reviewers and to the editor for their comments on the manuscript. We believe it has greatly increased the quality of the manuscript.