

We would like to thank the reviewer for their careful reading of our manuscript and their constructive comments. Below we have copied the review in full and provide our response in orange text.

Text quoted from the original manuscript is in grey and proposed changes based on the review are in blue.

We feel that thanks to these suggestions the manuscript will improve considerably and hope that our proposed revision will meet the criteria for publication in *Climate of the Past*.

Lukas Jonkers
On behalf of all authors.