

The authors have adequately addressed previous reviewer concerns. Below I list a few technical corrections that should be made:

Line 261: Rephrase "magnitude of MIS 7 at regional scale: their structure it can vary from a structure associated to three temperature peaks..."

We applied the suggestion of the Reviewer. Now read, lines 261-262:

*(...) magnitude of MIS 7 at regional scale: their structure can vary from a structure associated to three temperature peaks (...)*

Line 294: I think these temperature changes are supposed to be positive to match the values in Figure 5

We thank the Reviewer for pointing out this error and we have now corrected the values accordingly.

Line 605: Missing "MIS 7c" as the subject in the sentence "At the global scale, appears comparable to..."

We thank the Reviewer for pointing out this omission and we have now added *MIS 7c* in the sentence.