

Dear authors,

Thank you for revising your manuscript. Thank you for including the dataset and code as well. I am happy to publish it. I only have one more comment at L609, do you mean "modern observations" instead of actual? (actual in your writing reads like "existing in fact" and it does not read parallel to "the Holocene". Lastly, please double check for potential symbol errors and typographical errors.

Thank you for your patience during the review process.

Best wishes,

Voary

Dear editor,

Thank you to point toward this error. It is very common as french speaker to make the confusion between actual and modern. We changed this throughout the manuscript.

Few typographical errors have also been corrected.

Thank you for your very careful reading and involvement in the editorial process for Biogeosciences.

Sincerely,

Lucas Dugerdil