

09 February 2024

Dear Prof. Paul Stoy (Co-editor-in-chief of *Biogeosciences*),

Many thanks for considering the revised manuscript titled “*Rates of palaeoecological change can inform ecosystem restoration*” as publishable with corrections in BG Letters. Here, we submit the production files.

We have taken into account your comment (06 February 2024)

Please do not use red and green in figures at the same time and please replace all instances with a colourblind-friendly colour scheme.

> Many thanks for pointing this out. We have modified Figure 1 and Figure 3 accordingly. Specifically:

- we selected colours from the diverging & Colour-vision-deficiency (CVD) friendly palette 'vik' (Crameri, F. (2018)), which has been used to illustrate annual global temperature change, amongst other (see <https://s-ink.org/annual-global-temperature-change>);
- for panels 3e and 3f, we additionally added a legend to help all readers interpret the colours of the bar plots;
- we have checked all the Figures with the Coblis – Color Blindness Simulator, as recommended in the BG submission guidelines;
- finally, we have updated the R codes in the GitHub and Zenodo repositories.

Yours sincerely,



Walter Finsinger
(on behalf of all co-authors)