

Comparison of approaches to interpolating climate observations in steep terrains with low-density gauging networks

Response to comments by the Editor

Page 7 line 8: Footnotes should be avoided according to the guidelines (https://www.hydrology-and-earth-system-sciences.net/for_authors/manuscript_preparation.html), and in addition, the html link will not work in the print version. Please put in text body and use reference style for Webpages (see “References” in the guidelines).

Done

Page 14 line 28: Citation should be “Francou et al., 2004”, please check with the guidelines for in-text citations.

We have updated the Copernicus Latex package with the most recent version following instructions from Viola Zierenberg, but after re-running the code we obtain the same type of in-text reference (i.e. `\citet{}` in Latex). We further contacted Viola Zierenberg about this issue and we obtained the following reply.

Dear Juan,

Thank you for your email and for further explaining the issue.

*Citations that are part of the sentence (as in your example) should be inserted with the “citet” command (**Note from us: This is the command we have been using so far**):*

...as done in Francou et al. (2004)...

...as done in `\citet{Francou2004}`...

Citations that are not directly part of the sentence should be inserted with the “citep” command

...as done in another publication (Francou et al., 2004).

...as done in another publication `\citep{Francou2004}`. (“[e.g.][]” can be used here as well)

...as done in another publication (`\citealp{Francou2004}`).

Please note that citations are often corrected during the typesetting process and adjusted to our house standard. Therefore, I believe it is acceptable if you adjust the citations to our standard even if this might contradict the editors comment.

If you have any further questions, please do not hesitate to contact me.

Kind regards,

Viola

Would it be possible to accept the references as they are in the text and should there was any correction required, the typesetting process may be able to help?

Page 25, competing interests: Please use the wording suggested in the guidelines (“The authors declare that they have no conflict of interest.”)

Done

Figure 3B and Figure 8: For clarity please place major grid lines and labels at the beginning of the year (southern hemisphere) instead of Nov/May and May, respectively (unless there is a compelling reason to place them where they are currently.)

Done. Labels have been inserted every January during the period of analysis, while vertical break lines were included every 6 months.