

Dear Sylwester Arabas,

Thank you for carefully reading our previous version of the paper. Below we describe how we addressed your comments. Please let us know if something is still missing or should be corrected.

Hopefully, the paper is now ready for publication.

Kind regards,

Wim

Dear Authors, Thank you for the revision and congratulations for receiving "accept as is" recommendation from the reviewer.

Let me ask for addressing the following technical issues before we proceed:

- is the space between "van" and "t" intentional in "Bram van 't Veen" author's name? (it is not there on LinkedIn profile, for example: <https://nl.linkedin.com/in/bram-van-t-veen-21a30816a>)

I checked it with him and there should be a space between "van" and "t"

- please provide figures 3 and 20 in vector format

Figure 3 is now provided in vector format. Figure 20 was already in vector format (eps), maybe you meant Fig 14, which was in png. This plot is now included as pdf. Hopefully, the quality is sufficient.

- suggest increasing font size in the legend of Fig 8

Done

- spell Python with capital P (Acknowledgements)

Done

- please add DOI identifiers for all journal entries in the references

Done

- please unify journal acronyms in references, journal names should be abbreviated according to the Caltech database: <http://library.caltech.edu/reference/abbreviations/>

Done

- please unify capitalization in references (All Words In Titles vs. Only first word)

Done (all words)

- for web resources cited in the references, please add "Access date" field (see <https://www.geoscientific-model-development.net/submission.html#references>)

Done

- for web entries such as Mallardel & Tudor 2004, it would be of great value to ask the authors to deposit their report on arXiv or similar permanent repository to allow for proper citation

A good point but considering the (response) time, this is difficult to realize. All current web entries have a permanent character though. Hopefully, you can accept the entries as they are now.

- please double check spelling, capitalization and punctuation in references (e.g., "and andL. Papritz", kNMI, kVR, "convection,similarity")

Done

- for Tompkins 2005 report, please use the persistent URL: <https://www.ecmwf.int/node/16958>

Done

- when citing references within parenthesis, please eliminate repeated closing parentheses ")))" - over 40 occurrences in the paper, for solution see examples of how to use \citep{} in "LITERATURE CITATIONS" block in the template.tex file of the Copernicus LaTeX package (https://www.geoscientific-model-development.net/Copernicus_LaTeX_Package.zip)

Done

- when citing references without parentheses, please use \citet{} instead (e.g., "similar to (Soares et al., 2004)" -> "similar to Soares et al. (2004)")

Done

- in Table D1, please rephrase statements in the right column to make all start with a noun (e.g., "reduce" -> "reduction"; "now consistency" -> "consistency"; "improves" -> "improvement", ...)

Done