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Geoscientific Model Development Editorial Board

Minusio, 2 February 2022

Technical corrections for study: From emission scenarios to spatially resolved projections with a chain of computationally efficient emulators: MAGICC (v7.5.1) – MESMER (v0.8.3) coupling

Dear Fiona,

Thank you for giving us the opportunity to still include technical corrections before the manuscript goes into production. Please find below a full list of the changes we introduced in the article and the associated line numbers in the marked-up manuscript we submitted as part of the revisions:

- We made an update to Fig. 1, which is visually hardly detectable since only very minor changes were introduced in the plots. In the revised manuscript, the temperature realizations in Fig. 1 were unfortunately still based on the emulations we created for the initial submission. In the updated figure, they are based on the emulations we generated for the revised manuscript.
- We corrected a typo in the regionmask version in line 90.
- We replaced “selected” with “select” in line 217.
- We removed an unnecessary pointer towards Fig. S6 from line 226.
- We removed an unnecessary comma in line 240.
- We changed “true” to “actual” in line 251.
- We corrected “dev/iation” typo in the caption of Fig. 4.
- We removed “Nevertheless” in line 267.
- Thanks to your feedback, we were able to finally correct the “MESER” typo in line 275.
- We changed “v7.1.0.-beta” to “v7.1.0-beta” in line 282 to increase consistency in the version notation.
- We changed the order of the references in lines 301-302 to follow the same rules as everywhere else.
- We improved the text flow in the sentence in line 311-313.
- We added a missing hyphen to “short-lived” in line 377.
- We replaced “regional emulators” with “spatially resolved emulators” in line 453, since we do not use the term “regional emulator” anywhere else in the study.
- We changed “sets” to “set” because using a plural does not make sense in line 458.
- We changed “supplement” to “Supplement” throughout text.
- We harmonized the writing of “emissions-driven” throughout the text.
- We visited the websites in the References again and updated the last accessed dates accordingly.
- In the Supplement, in the caption of Fig. S7, we changed “Figure” to “Fig.”.

All the best,

Lea

(on behalf of all co-authors)