

Topical editor comments on gmd-2020-29

- L26: ".. have been a corner stone of the Assessment Reports ..."
- L28: please name the four submodels in brackets to make sure non-experts understand
- L129: Please reorder 2,1,3,4 to keep consistency.
- L248: Check reference to Fig. 7
- L424ff: check use of "potentially"
- L503: word missing?
- L515/516: Check sentence structure
- Fig. 1: "Section 3.4" should be "Section 3.3". "Section 4" may be more appropriate than "Section 4.1" specifically.
- Table 1, columns for "Extreme growth": As the metrics are based on RMSE, this should be stated for consistency across the table columns. In addition "scaled" is not a unit and "Extreme growth" in line two should refer to "Timing". Please edit accordingly and add further information in the caption if required.
- Fig. S3: Explain line types in caption or add legend.
- Code and data availability: The specific version of the code and data related to the manuscript should be stored in a frozen repository, which Github does not qualify for. See here for suggestions: https://www.geoscientific-model-development.net/policies/code_and_data_policy.html#item3
- Conflicts of interests: Should include "Philippe Peylin is a member of the editorial board of the journal." See https://www.geoscientific-model-development.net/policies/competing_interests_policy.html