Geoscientific Model Development

Discussions

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Interactive comment on "Replicability of the EC-Earth3 Earth System Model under a change in computing environment" *by* François Massonnet et al.

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Dear authors,

when submitting a revised version of your manuscript, please, have into account the following issues:

- The information on how to get the exact versions of EC-Earth3 needs to be in the code availability section, including the licence restrictions (it uses IFS so you are not going to be able to archive all the code).

- The reference to the exact version of EC-Earth3 you have used needs to be something

more persistent than an SVN revision marker. If the project ever moved to a different revision control system then it would be impossible to recover the version used.

- The scripts used are presented via a GitHub URL. This is not persistent enough and does not identify the exact version used. The usual way out of this is for authors to use GitHub Zenodo integration to produce an archive version with a DOI. (https://guides.github.com/activities/citable-code/)

- The second sample dataset is referred to by URL instead of DOI, even though there is a DOI for the dataset. This should be fixed.

- DOIs should not be inserted directly in the text. Instead, in line with the Force11 recommendations on data citation, the DOI should occur in a bibliography entry which is cited from the text. (see https://www.geoscientific-model-development.net/about/code_and_data_policy.html).

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