

Geosci. Model Dev. Discuss., chief editor comment CEC1
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Comment on gmd-2021-357

Juan Antonio Añel

Chief editor comment on "Multiphase processes in the EC-Earth model and their relevance to the atmospheric oxalate, sulfate, and iron cycles" by Stelios Myriokefalitakis et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-357-CEC1>, 2021

Dear authors,

After checking your manuscript, we have several concerns regarding the sections on Code and Data availability. First of all, the 'Code availability' section does not contain enough information. Being bad enough that you do not share the EC-Earth code, the manuscript should include a description of model versions, including internal tags and how to access them. This applies to all the submodels you use, too (e.g., EC-Earth3-Iron, LPJ-GUESS, etc.) It is not enough to mention the need for a license agreement, but you must indicate how to get it (webpage, contact, link, etc.).

The Data section must include information on how to access the databases used (e.g., AERONET), the date when you got the data, last access to webpages, etc. Also, you should store the final files with the results from the simulations (only the variables relevant for your study) in a permanent repository that complies with our policy (e.g. Zenodo - see our policy and guidelines for more options). I understand that this is not a problem with the EC-Earth license and that you can do it easily.

Please, fix these issues by replying to this comment as soon as possible. In this way the information will be available for the Discussions stage. Also, in a potential reviewed version of your manuscript, include all the corrections necessary according to the new information here requested.

Juan A. Añel

Geosc. Mod. Dev. Executive Editor