

Geosci. Model Dev. Discuss., chief editor comment CEC1
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Comment on gmd-2021-401

Juan Antonio Añel

Chief editor comment on "Using a surrogate-assisted Bayesian framework to calibrate the runoff-generation scheme in the Energy Exascale Earth System Model (E3SM) v1" by Donghui Xu et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-401-CEC1>, 2022

Dear authors,

After checking your manuscript, it has come to our attention that it does not comply with our Code and Data Policy.

https://www.geoscientific-model-development.net/policies/code_and_data_policy.html

You must address several issues:

First, you have archived your code in GitHub. However, GitHub is not a suitable repository. GitHub itself instructs authors to use other alternatives for long-term archival and publishing, such as Zenodo. Therefore, please, publish your code in one of the appropriate repositories.

Secondly, you state that the code is 'Matlab code'. This is a wrong statement. The code is 'M' code (the language). Matlab could be the interpreter you have used to run the code, but you should be aware that it could be run with other interpreters, such as the FLOSS alternative GNU Octave. Please, clarify it. If you have used Matlab, make explicit the Matlab version you have used in your work.

Also, we can not accept the ANL systems as a suitable repository to store the ELM input data. You must use one of the repositories mentioned in our policy. For example, FigShare, which you already use for other data, is suitable. The same happens with the ILAMB benchmarks.

Please, reply as soon as possible to this comment with the necessary links and DOIs for the code and data so that they are available for the peer-review process, as they should be. Also, you must include in a potential reviewed version of your manuscript the modified 'Code and Data Availability' section containing links and the DOIs.

Juan A. Añel
Geosc. Mod. Dev. Executive Editor