

Geosci. Model Dev. Discuss., chief editor comment CEC1
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Comment on gmd-2021-258

Juan Antonio Añel

Chief editor comment on "Improved CASA model based on satellite remote sensing data: simulating net primary productivity of Qinghai Lake basin alpine grassland" by Chengyong Wu et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-258-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

In the Code and Data Availability section of your manuscript, you state that the necessary material is available in the supplementary file provided. However, this is hardly the case. One of the main problems is that the CASA model is omitted. You include in the supplementary material several files without any structure, order or explanation about how they work, how to run them or how they are linked. Moreover, the scripts contain several paths to local disks and servers that a reader or reviewer can not access and therefore can not test.

When providing a model, we do not refer to explaining the equations used or the papers on which it is based but the actual computer code (your implementation). Therefore, we need that you provide a better description of your code, including instructions about how to run it.

Also, you do not provide the data used for your study. The manuscript describes the primary generic datasets from where you take data. You must provide detail on the exact input files that you have used from them and, if possible, upload such files to one of the repositories that we can accept according to our data policy (see above). I mean, specifically, the derived DEM data, solar radiation data, meteorological data, and land use and land cover.

Please, be aware that failing to comply with these requirements can result in the rejection of your manuscript. Also, please, reply as soon as possible to this comment with the requested code and data so that it is available for the peer-review process, as it should be.

Juan A. Añel
Geosci. Model Dev. Exec. Editor