

Geosci. Model Dev. Discuss., chief editor comment CEC1
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Comment on gmd-2021-213

Juan Antonio Añel

Chief editor comment on "ENSO-ASC 1.0.0: ENSO deep learning forecast model with a multivariate air–sea coupler" by Bin Mu et al., Geosci. Model Dev. Discuss.,
<https://doi.org/10.5194/gmd-2021-213-CEC1>, 2021

Dear authors,

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

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

Namely, in your work, it is of the utmost importance that you publish the input sub-datasets used for ENSO-ASC and the output data. Therefore, please, post your data in one of the appropriate repositories.

Also, in the README file of the model, you mention several versions of python or CUDA necessary for your work. This is precisely the kind of information that you must mention in the manuscript and the Code Availability section.

Additionally, there is no license listed in the Zenodo repository. For ENSO-ASC (it reads other), but in the uploaded material, there is not a License file. If you do not include a license, the code continues to be your property and can not be used by others. Therefore, when uploading the model's code to Zenodo, you could want to choose a free software/open-source (FLOSS) license. We recommend the GPLv3. You only need to include the file '<https://www.gnu.org/licenses/gpl-3.0.txt>' as LICENSE.txt with your code. Also, you can choose other options that Zenodo provides: GPLv2, Apache License, MIT License, etc.

Finally, in the files of the model, it reads several times "Linux". The correct way of naming it is "GNU/Linux"; Linux is only the kernel of the operative system.

Please, include in a potential reviewed version of your manuscript the modified 'Code and Data Availability' section and the DOI of the data. Also, please reply to this comment as soon as possible with the indications to obtain the datasets so that they are available for the peer-review process, as they should be.

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