

Geosci. Model Dev. Discuss., chief editor comment CEC2
<https://doi.org/10.5194/gmd-2021-441-CEC2>, 2022
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Reply on AC1

Juan Antonio Añel

Chief editor comment on "Formulation of a new explicit tidal scheme in revised LICOM2.0"
by Jiangbo Jin et al., Geosci. Model Dev. Discuss.,
<https://doi.org/10.5194/gmd-2021-441-CEC2>, 2022

Dear authors,

Many thanks for your replies. Unfortunately, they are not entirely satisfactory.

First of all, you have changed the title of your manuscript, mentioning CAS-ESM2. It would be better if you were more specific. As you state in your work, your tidal scheme is applied to the OGCM. Therefore a title more clear about your manuscript would be "Formulation of a new explicit tidal scheme in LICOM2.0", not CAS-ESM2.

About the data:

- For TPXOv2, if you read its copyright (it is available in the webpage you cite), I think that you can store it in one of the repositories that we recommend. You must only retain the copyright statement. I have contacted Prof. Egbert, who owns the copyright, to confirm it. He could store TPXOv2 himself, and then you simply would have to cite it, or if he agrees, you should have to do it by yourself. I'll let you know as soon as I have a reply.
- About the data stored in the BODC: It is ok. Thank you very much.
- For AVISO: You have done very poor work here. You simply point out a UCAR webpage that does not contain the data itself. The UCAR page links two NASA web pages, and only one works. NOTICE is stored and made available by NASA, and as for all the NASA data, they are made available without any restriction. See <https://podaac.jpl.nasa.gov/CitingPODAAC>. Therefore, it is clear that you can take the files that you have downloaded and used for your work and store them in one of the repositories listed in our guidelines, as we request.

It is disappointing and frustrating that you do not pay due attention to these issues to the point of not following the links or checking the policies. Please, solve this issue and store the data in Zenodo.org, Fairshare.org, etc.

About the code: Given your explanation, Dr. Farneti and the reviewers are who should judge if to request and check a copy of it. At any case, I would encourage that you share a copy of the license, for example in Zenodo, and mention it in the Code Availability section.

Regards,

Dr. Juan A. Añel

Geosc. Mod. Dev. Executive Editor