

Geosci. Model Dev. Discuss., author comment AC1
<https://doi.org/10.5194/gmd-2021-441-AC1>, 2022
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Reply on CEC1

Jiangbo Jin et al.

Author 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-AC1>, 2022

Dear Juan A. Añel,

Thank you very much for your correction.

As requested, we modified the title to:

Formulation of a new explicit tidal scheme in ocean component of CAS-ESM2

Regarding the data policy section, we can directly give links to data sources:

TPXO9v2 is available from the following sources: <https://www.tpxo.net/global/tpxo9-atlas>.
The station observations are from the sea level Data Assembly Center (DAC):
https://www.bodc.ac.uk/data/hosted_data_systems/sea_level/international/. The
observation of the DSL is available from the Archiving, Validation and Interpretation of
Satellite Oceanographic data (AVISO): <https://climatedataguide.ucar.edu/climate-data/aviso-satellite-derived-sea-surface-height-above-geoid#:~:text=Combined%20with%20precise%20satellite%20location%20data%2C%20altimetry%20measurements,%22Archiving%2C%20Validation%20and%20Interpretation%20of%20Satellite%20Oceanographic%20data%22..>

Also, about code Policy:

Currently the CAS-ESM copyright including LICOM2.0 is not in the hands of someone among the authors, so sorry, unconditional disclosure of code is not allowed and the author is not authorized. However, disclosure of code to editors and reviewers is allowed. If others want to obtain the CAS-ESM code, in principle, they need:

Use ssh-keygen to generate keys, and please send the *.pub file to the manager (haohq@sccas.cn) to get permissions to the codes. And then follow the instructions.

But you can also directly contact the corresponding author (zqc@mail.iap.ac.cn) or Jiangbo Jin (jinjiangbo@mail.iap.ac.cn), they will assist in completing the code application.

Regards,

Run Guo

