Comment on egusphere-2022-348

Juan Antonio Añel

Chief editor comment on "Lightning assimilation in the WRF model (Version 4.1.1): technique updates and assessment of the applications from regional to hemispheric scales" by Daiwen Kang et al., EGUsphere, https://doi.org/10.5194/egusphere-2022-348-CEC1, 2022

Dear authors,

Unfortunately, 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 state in the "Code and data availability" section of your manuscript that "The LTA code is not publicly available yet but interested users can
620 contact the corresponding author to acquire the source code". The LTA code is a core part of your manuscript and must be published with it. Admittedly, this has been an oversight of the Topical Editor, and indeed, the manuscript should have never been accepted for the Discussions stage without including the LTA code.

Therefore, according to our policy, please publish your code in one of the appropriate repositories. In this way, you must reply to this comment with the link to the repository used in your manuscript, with its DOI. The reply and the repository should be available as soon as possible and before the Discussions stage is closed to be sure that anyone has access to it for review purposes. Also, in a potential reviewed version of your manuscript, you must include the modified 'Code and Data Availability' section and the DOI of the code.

When publishing the LTA code, note that if you do not include a license, the code continues to be your property and can not be used by others, despite any statement on being free to use. Therefore, when uploading the model's code to the repository, 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.

Be aware that failing to comply with this request could result in the rejection of your manuscript for publication.

Juan A. Añel
Geosci. Model Dev. Executive Editor