

Geosci. Model Dev. Discuss., chief editor comment CEC1  
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## **Comment on gmd-2020-438**

Juan Antonio Añel

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Chief editor comment on "Plume spreading test case for coastal ocean models" by Vera Fofonova et al., Geosci. Model Dev. Discuss.,  
<https://doi.org/10.5194/gmd-2020-438-CEC1>, 2021

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Dear authors,

Reviewing your manuscript, we have found some issues with your 'Code and Data availability' statement that you must fix. For the GETM and Thetis models, you point to their web pages to access the code. Unfortunately, such web pages can not be considered trustful repositories for long-term code storage.

My proposed solution is as follows: Given that GETM and Thetis are released as free software (GPLv2 and MIT licenses, respectively) and have their code available in Github, you must take the frozen version of the code that you have used in your manuscript and create suitable repositories for them (e.g., Zenodo - Github does not ensure long-term archiving). In this way, you will have a D.O.I. that you can use to cite it in your manuscript.

Also, please, fix the hyperlink to the Zenodo repository of FESOM-C in the preprint of your manuscript. It does not work.

Best regards,

Juan A. Añel

Geosc. Mod. Dev. Executive Editor