

Dear authors,

The new version of the manuscript addresses well the comments from the reviewers. However, this version is missing a code and data availability statement. Please follow GMD's policy on code and data availability (https://www.geoscientific-model-development.net/policies/code_and_data_policy.html), and submit a revised version with the corresponding links.

Regards,

Carlos A. Sierra

We moved the sentences related to the code and data availability to a specific section, located just before the acknowledgements, which reads:

“Code and supporting data (including initialization and setting files) for reproducing the results presented below are publicly available in Zenodo and have the permanent DOI 10.5281/zenodo.6363617. The ED2.2 model is available at <https://doi.org/10.5281/zenodo.3365659>.”

Best regards,

On behalf of all coauthors,

Félicien