

# ***Interactive comment on* “Observed and simulated turbulent kinetic energy (WRF 3.8.1) overlarge offshore wind farms” by Simon K. Siedersleben et al.**

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Thank you for the efforts you have gone to to make this science reproducible. Currently the code and data availability falls just short of required GMD standards, but in ways that should be very straightforward to remedy in the revised submission.

Code availability

GitHub is an excellent development resource, but it is not a suitable permanent archive location. Indeed, GitHub themselves tell you to use Zenodo for this purpose, and

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provide a very easy mechanism to archive your GitHub repository on Zenodo. See <https://guides.github.com/activities/citable-code/>. Please use the facility there and cite the resulting DOI. You may, of course, refer to the GitHub repository in addition to the DOI if you wish (though the Zenodo repository will also link to it).

## Data availability

ERA5 is a big dataset! You do not seem to refer to exactly which data is used and therefore should be downloaded. Please do so. If it's too cumbersome to put it directly in the paper, you could, for example, provide the details in your model configuration repository.

For full details of current GMD code and data requirements, please see: [https://www.geoscientific-model-development.net/about/code\\_and\\_data\\_policy.html](https://www.geoscientific-model-development.net/about/code_and_data_policy.html)

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# GMDD

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