

Topical Editor Decision: Publish subject to minor revisions (review by editor) (07 Jun 2021) by **Simon Unterstrasser**

Comments to the Author:

Dear authors,

I appreciate the latest text modifications.

Unfortunately, there is one thing that has to be fixed and which I probably overlooked in the beginning.

GMD is strict about reproducibility. It is required that you provide all scripts, code and data that allows other to reproduce your plots.

This includes configuration files of all performed simulations in addition to the source files given in <https://data.uni-hannover.de/dataset/palm-6-0-r4093>. In theory, anyone should be able to re-do your simulations.

Moreover, all presented plots must be reproducible.

Best practise is to bundle all plot scripts together with the necessary input data (i.e. the output of the PALM simulation that is used in the plot procedures) in a Zenodo data set.

See for example: <https://data.uni-hannover.de/dataset/6687444f-a3a7-45b8-8453-a39995b8e4d4>

Best wishes,

Simon

Dear Simon,

We bundled model configuration files, input data needed for running the simulations, model outputs postprocessing code, i.e. extraction and visualisation scripts, together with necessary data extracted from the raw model outputs together with the the additional outputs (mentioned but not discussed in the manuscript) to the permanent repository of scientific outputs at the Czech Academy of Sciences, as we discussed after the first submission (for which we only used it to store the additional outputs) at <http://hdl.handle.net/11104/0309669>. We changed the text in the "Code and data availability" section accordingly.

Best regards,

Michal Belda on behalf of the team.