

Dear Christoph Knote,

thank you very much for accepting our manuscript. Following your request, we performed the following technical modifications to the manuscript:

1. The version number was updated from '4.5.0gmdd' to '4.5.0'
2. We archived the model code at Zenodo (<http://doi.org/10.5281/zenodo.4707938>)
3. We archived the model output at Jülich DATA (<https://doi.org/10.26165/JUELICH-DATA/SD9F6B>)
4. The model runtimes reported in section 4 were updated to the values obtained with the archived version of the model code

At this point, we would like to thank you for serving as an editor of this manuscript.

Kind regards,

On behalf of the authors,

Simon Rosanka