Geoscientific
Model Development
Discussions

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Interactive comment on "Evaluation of five dry particle deposition parameterizations for incorporation into atmospheric transport models" *by* Tanvir R. Khan and Judith A. Perlinger

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Tanvir,

Thanks for your manuscript. As you are probably aware GMD has the mission to make the program code and reference data being the basis of published manuscripts accessible to the reader. This will make it easier for readers to apply and extend the presented model(s) for their work which is also in the interest of the author. It is also vital to guarantee reproducibility of the shown results which is evidently a key objective of scientific work. Providing persistent access to the software code is obviously a prerequisite to achieve this.

I would like to suggest the following changes to your manuscript for a revised submission:

- upload your program code and input files (if applicable) as a supplement-

- clarify the license under which the reader can use the supplementary program code, see also https://en.wikipedia.org/wiki/Creative_Commons_license (this should be done in the section "Code availability" in your manuscript but it is also recommended to add to the header of any script)

- State in the section "Code availability" :

    - a persistent access to the code (preferable as supplement)

    - license of use

    - the R versions required to run the scripts

    - the R version used to create the results shown in the paper

Many thanks and all the best

Lutz Gross GMD executive editor