

***Interactive comment on* “Multi-layer Cloud Conditions in Trade Wind Shallow Cumulus – Confronting Models with Airborne Observations” by Marek Jacob et al.**

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Dear authors,

in my role as Executive editor of GMD, I would like to bring to your attention our Editorial version 1.2:

<https://www.geosci-model-dev.net/12/2215/2019/>

This highlights some requirements of papers published in GMD, which is also available on the GMD website in the ‘Manuscript Types’ section:

http://www.geoscientific-model-development.net/submission/manuscript_types.html

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Discussion paper



In particular, please note that for your paper, the following requirements have not been met in the Discussions paper:

- “If the model development relates to a single model then the model name and the version number must be included in the title of the paper. If the main intention of an article is to make a general (i.e. model independent) statement about the usefulness of a new development, but the usefulness is shown with the help of one specific model, the model name and version number must be stated in the title. The title could have a form such as, “Title outlining amazing generic advance: a case study with Model XXX (version Y)”.”

As you are using just one model, please state in the title that you are using ICON and mention its version number.

Additionally, please provide more details on the used codes in the "Code availability" section: provide the numbers or unique identifiers of the code versions used and make sure that these versions (because this is relevant to reproduce the results of this article) are permanently archived and accessible in the future. With regard to the ICON model code I understand, that you did not perform the simulations yourself, but from your provided references (Klocke et al., 2017, and Vial et al., 2019) it is hard to find out (if at all) which model version(s) have been used and how to access the code. Please provide this information upon submission of the revised version.

Yours,

Astrid Kerkweg

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