

Interactive comment on “Influence of Geographic Coordinate System on Weather Simulations of Atmospheric Emissions” by Yanni Cao et al.

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Received and published: 12 December 2016

Dear authors,

in my role as Executive editor of GMD, I would like to bring to your attention our Editorial version 1.1:

<http://www.geosci-model-dev.net/8/3487/2015/gmd-8-3487-2015.html>

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

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)”.”

Therefore, please add something like " a case study using WRF (version Y.Z)" to the title.

Furthermore, I'd like to add, that in my opinion the title of your paper is hardly understandable. Therefore I suggest to reformulate it. What about something like: "How does the usage of the Geographic Coordinate System influence weather dependent trace gas emissions? A case study using WRF (version Y.Z)" or "Influence of the usage of the Geographic Coordinate System on weather dependent emissions: A case study using WRF (version Y.Z)" ?

Yours,

Astrid Kerkweg

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2016-253, 2016.

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