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Geoscientific Model Development Discussions

Interactive comment on "Global tropospheric effects of aromatic chemistry with the SAPRC-11 mechanism implemented in GEOS-Chem" *by* Yingying Yan et al.

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Comment from Executive editor 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 We thank the Executive editor for comments, which have been incorporated to improve the manuscript. In particular, please note that for your paper, the following requirements have not been met in the

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Discussion paper

Discussions paper: "The main paper must give the model name and version number (or other unique identifier) in the title." "All papers must include a section, at the end of the paper, entitled 'Code avail- ability'. Here, either instructions for obtaining the code, or the reasons why the code is not available should be clearly stated. It is preferred for the code to be uploaded as a supplement or to be made available at a data repository with an associated DOI (digital object identifier) for the exact model version described in the paper. Alternatively, for established models, there may be an existing means of accessing the code through a particular system. In this case, there must exist a means of permanently accessing the precise model version described in the paper. In some cases, authors may prefer to put models on their own website, or to act as a point of contact for obtaining the code. Given the impermanence of websites and email addresses, this is not encouraged, and authors should con- sider improving the availability with a more permanent arrangement. After the paper is accepted the model archive should be updated to include a link to the GMD paper." Please include the version number of GEOS-Chem in the title of the revised manuscript. Additionally, please include information how to optain the GEOS-Chem Code into the Code Availability Section. Note, that it is not sufficient to only state that the code is available from author without stating reasons, why publication is not possible. Yours, Astrid Kerkweg We have added the model version number in the revised title: "Global tropospheric effects of aromatic chemistry with the SAPRC-11 mechanism implemented in GEOS-Chem version 9-02" We have added the code availability: "The GEOS-Chem code of version 9-02 used to generate this paper and the model results are available upon request. We are submitting the code for inclusion into the standard model. The revised aromatics chemistry will be incorporated in the current version 12.0.0 and the later versions."

Please also note the supplement to this comment:
https://www.geosci-model-dev-discuss.net/gmd-2018-196/gmd-2018-196-AC4-supplement.pdf

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