

## ***Interactive comment on “Evaluation of polar stratospheric clouds in the global chemistry-climate model SOCOLv3.1 by comparison with CALIPSO spaceborne lidar measurements” by Michael Steiner et al.***

**Astrid Kerkweg**

a.kerkweg@fz-juelich.de

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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

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on the GMD website in the ‘Manuscript Types’ section:

[http://www.geoscientific-model-development.net/submission/manuscript\\_types.html](http://www.geoscientific-model-development.net/submission/manuscript_types.html)

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

- "Code must be published on a persistent public archive with a unique identifier for the exact model version described in the paper or uploaded to the supplement, unless this is impossible for reasons beyond the control of authors. All papers must include a section, at the end of the paper, entitled "Code availability". 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 consider improving the availability with a more permanent arrangement. Making code available through personal websites or via email contact to the authors is not sufficient. After the paper is accepted the model archive should be updated to include a link to the GMD paper."

So I understand, that the SOCOL code can not be made publicly available due to the restriction of an ECHAM5 license, it is not sufficient to provide a personal email as contact for the SOCOL code. Even though the code can not be made publicly available, it would be possible to provide a permanent landing page (e.g. to a closed project by Zenodo, where than a contact email could be provided.)

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The important point is, that a personal email address can change very fast (the person leaves the institute, that institute changes the email address etc.), with a doi-ed landing page it would be possible to update the contact information there, in case the original email is not valid anymore.

Yours,

Astrid Kerkweg

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