

## ***Interactive comment on “Towards convection-resolving, global atmospheric simulations with the Model for Prediction Across Scales (MPAS): an extreme scaling experiment” by D. Heinzeller et al.***

**A. Kerkweg**

kerkweg@uni-mainz.de

Received and published: 15 September 2015

Dear authors,

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

[http://www.geoscientific-model-development.net/gmd\\_journal\\_white\\_paper.pdf](http://www.geoscientific-model-development.net/gmd_journal_white_paper.pdf)  
<http://www.geosci-model-dev.net/6/1233/2013/gmd-6-1233-2013.html>

This highlights some requirements of papers published in GMD, which is also available  
C1988

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)

Looking at your paper I judged it to be as much a "model description paper", as a "Technical, development, and evaluation paper" (your chosen classification).

Therefore it is desirable that you meet the following requirements for a model description paper, which have not been met in the Discussions paper:

“– The paper must be accompanied by the code, or means of accessing the code, for the purpose of peer-review. If the code is normally distributed in a way which could compromise the anonymity of the referees, then the code must be made available to the editor. The referee/editor is not required to review the code in any way, but they may do so if they so wish.”

“– All papers must include a section at the end of the paper entitled "Code availability". In this section, instructions for obtaining the code (e.g. from a supplement, or from a website) should be included; alternatively, contact information should be given where the code can be obtained on request, or the reasons why the code is not available should be clearly stated.”

“– All papers must include a model name and version number (or other unique identifier) in the title.”

In particular, please add a version number of MPAS in the title and a code availability section in your revised submission to GMD.

Yours,

Astrid Kerkweg

---

Interactive comment on Geosci. Model Dev. Discuss., 8, 6987, 2015.