

Interactive comment on “The CSIRO Mk3L climate system model version 1.0 – Part 1: Description and evaluation” by S. J. Phipps et al.

H. Goosse (Editor)

hgs@astr.ucl.ac.be

Received and published: 8 April 2011

Dear Authors,

Both reviewers have found that you provide an useful and well balanced description of the CSIRO Mk3L climate system model. After the submission of your answer to the Referees' comments and to the short comment, I would thus be happy to consider a revised version for publication in Geoscientific Model Development. This revised version should take into account the Referees' comments. In particular, both reviewers have remarks about the model evaluation. Referee 1 suggests that all the evaluation should be made in coupled mode and Referee 2 wonders why you have chosen to compare present-day observations with a pre-industrial simulation. Both remarks appear fair to me. You should then modify the validation part or argue clearly in the manuscript

C116

why you have make those choices. Referee 1 also asks for a longer discussion of the impact of the flux adjustment that would certainly be useful in the revised version.

Thanks again for submitting your work to GMDD.

Hugues Goosse

Interactive comment on Geosci. Model Dev. Discuss., 4, 219, 2011.