

## ***Interactive comment on “Mitigation of the double ITCZ syndrome in BCC-CSM2-MR through improving parameterizations of boundary-layer turbulence and shallow convection” by Yixiong Lu et al.***

**Yixiong Lu et al.**

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Dear editor,

Thank you for your comment on the ways in which this manuscript is not currently compliant with GMD policy on code and data availability.

This problem has been remedied. We have archived and published the code and data on which this manuscript depends on Zenodo (<http://doi.org/10.5281/zenodo.3940326>). Correspondingly, we have rewritten the

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section of ‘Code and data availability’ in the revised manuscript, as follows,

Code and data availability. The source codes of BCC-CSM2-MR, model input data files, and scripts to reproduce the simulations that are used in this study have been archived and made publicly available for downloading from <http://doi.org/10.5281/zenodo.3940326>, as are model output data to produce the plots for all the simulation experiments presented in this paper.

Best regards,

Yixiong Lu and all co-authors

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