

Interactive comment on “Simulation Improvements of ECHAM5-NEMO3.6 and ECHAM6-NEMO3.6 Coupled Models Compared to MPI-ESM and the Corresponding Physical Mechanisms” by Shu Gui et al.

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Dear professor,

In the previous response, I forgot to revise the abstract and conclusion parts to be consistent with other modifications in the manuscript. I'm really sorry for the mistake. The attachment in this response contains the same authors' response and the correct manuscript. We followed your advice to revise the explanation of the inter-model differences in the OGCM replacement case, and we realized that the surface evaporation

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is one part of the changes induced by ocean advection. Previous studies also support this conclusion.

Thank you very much for your constructive comments.

Best regards

Gui Shu

Please also note the supplement to this comment:

<https://www.geosci-model-dev-discuss.net/gmd-2018-130/gmd-2018-130-AC6-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-130>, 2018.

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