

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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Received and published: 31 July 2018

The ECHAM5-NEMO3.6 presents a better SST simulation than that of the ECHAM6-NEMO3.6 and the MPI-ESM. Is it possible that the NEMO OGCM is intrinsically more compatible with the ECHAM5.4 than with the ECHAM6.3? Since the MPIOM is not so famous compared with NEMO, it seems to suggest that better OGCM reproduces better SST simulation, which has little to do with the air-sea coupling processes.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-130>,
C1

2018.