

Interactive comment on “Sensitivity of simulated CO₂ concentration to regridding of global fossil fuel CO₂ emissions” by X. Zhang et al.

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The CO₂ concentration difference between two cases(control and experiment) is mainly caused by allocating land emissions on ocean grids. It is necessary to improve the understanding of regridding issue with an additional case by changing all ocean grids as land grids on the coastline in PCTM modeling.

Interactive comment on Geosci. Model Dev. Discuss., 7, 3575, 2014.