Interactive comment on “Sensitivity of simulated CO$_2$ concentration to regridding of global fossil fuel CO$_2$ emissions” by X. Zhang et al.

D. Calvin
david197509@gmail.com

Received and published: 19 July 2014

The CO$_2$ 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.