

Interactive comment on “Tropical Extra-tropical thermocline water mass exchanges in the community climate model v.3 Part I: the Atlantic Ocean” by I. Wainer et al.

Anonymous Referee #2

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There are many papers out there on STCs and it is not clear to me what this one adds to our scientific understanding of STCs. It analyzes the Atlantic STCs and biases in CCSM3, but not to an extent that significantly exceeds the efforts done by Alexander et al. and Large and Danabasoglu in the recent J Clim special issue on CCSM3. Also note that figures 9ac in Wainer et al. are exact copies of figure 23 in Alexander et al. Also, classic papers by Pedlosky or Lu and McCreary not referenced.

Interactive comment on Ocean Sci. Discuss., 3, 55, 2006.

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Interactive Discussion

Discussion Paper