

***Interactive comment on “Preindustrial to present day changes in tropospheric hydroxyl radical and methane lifetime from the Atmospheric Chemistry and Climate Model Intercomparison Project (ACCMIP)” by V. Naik et al.***

**Anonymous Referee #1**

Received and published: 27 December 2012

In the following comment:

"3) Major Concern: Most methane is lost in the tropical/subtropical troposphere (so is methylchloroform), so why not focus the analysis of the model output in this region."

I meant to say "Most methane is lost in the lower (>600 mb) tropical/subtropical troposphere...".

To reiterate, I believe that a more thorough analysis with observational constraints is needed to gain new insight into the drivers of OH and methane and to strengthen the

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manuscript for publication.

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Interactive comment on Atmos. Chem. Phys. Discuss., 12, 30755, 2012.