Atmos. Chem. Phys. Discuss., 14, C11054–C11057, 2015
www.atmos-chem-phys-discuss.net/14/C11054/2015/

Atmospheric Chemistry and Physics Discussions

Interactive comment on "Sensitivity of tropospheric loads and lifetimes of short lived pollutants to fire emissions" *by* N. Daskalakis et al.

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We would like to thank the three reviewers of the manuscript for their careful reading and their comments that helped improving significantly this study. All comments have been taken into account in the revised version of the manuscript, inconsistencies have been removed and discussion has been rephrased for clarity. In particular, the FINN aerosol emissions have been recalculated based on additional instructions provided by the owners of the database. Thus, all related simulations have been performed again and Tables and Figures have been appropriately corrected. Figure and Table captions have been further detailed where necessary for clarity. The discussion has been modified for clarity, where needed, and that on the feedback mechanism between

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isoprene and biomass burning emissions has been extended as requested. We further provide a point-by-point reply to the reviewers' comments.

Please also note the supplement to this comment:
http://www.atmos-chem-phys-discuss.net/14/C11054/2015/acpd-14-C11054-2015-supplement.pdf

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Interactive comment on Atmos. Chem. Phys. Discuss., 14, 22639, 2014.

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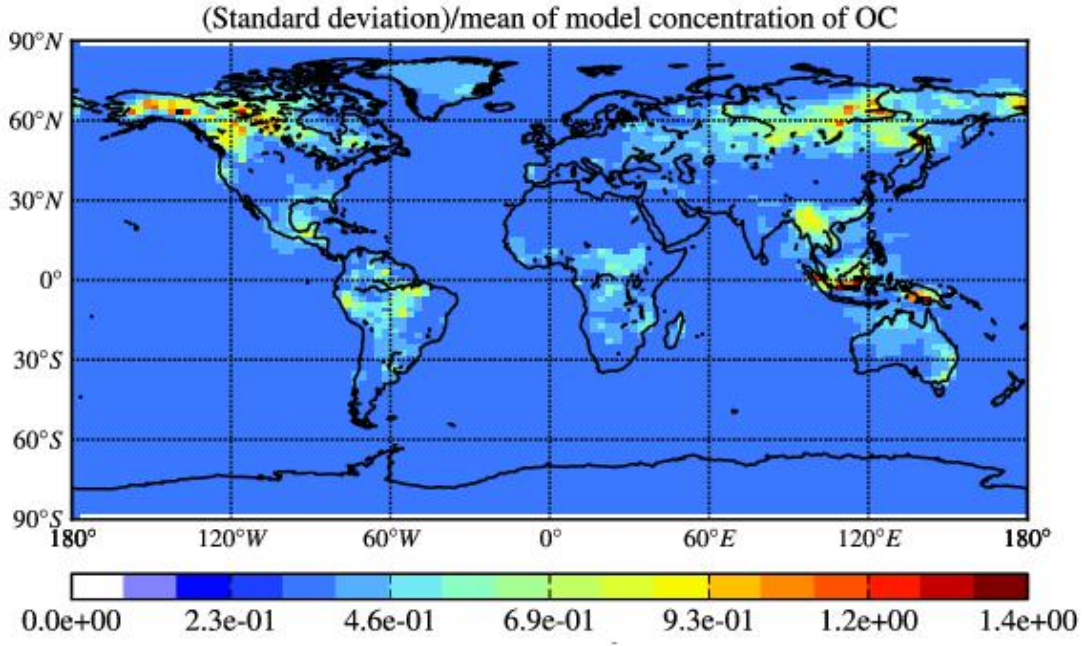

Fig. 1.

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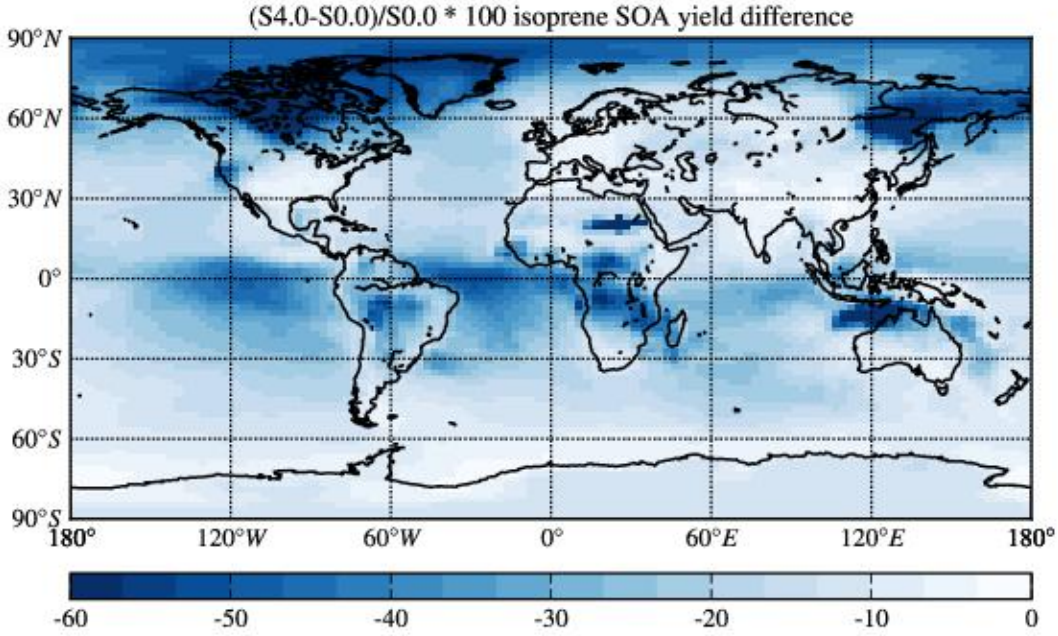

Fig. 2.

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