

Interactive
Comment

Interactive comment on “Global dataset of biogenic VOC emissions calculated by the MEGAN model over the last 30 years” by K. Sindelarova et al.

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We'd like to thank Michael Barkley for his pertinent comment and for pointing out that the emissions estimated in Barkley et al. (2008) were calculated for the local time corresponding to a satellite overpass. This indeed was not the case for the model data; therefore we replaced a comparison with Barkley et al. (2008) in Table 3 by comparison with results of the recent study Barkley et al. (2013) as suggested.

References

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Interactive Discussion

Discussion Paper



Barkley, M. P., Palmer, P. I., Kuhn, U., Kesselmeier, J., Chance, K., Kurosu, T. P., Martin, R. V., Helmig, D., and Guenther, A.: Net ecosystem fluxes of isoprene over tropical South America inferred from Global Ozone Monitoring Experiment (GOME) observations of HCHO columns, *J. Geophys. Res.-Atmos.*, 113, D20304, doi:10.1029/2008JD009863, 2008.

Barkley, M. P., De Smedt, I., Van Roozendaal, M., Kurosu, T.P., Chance, K., Arneth, A., Hagberg, D., Guenther, A., Paulot, F., Marais, E., and Mao, J. : Top-down isoprene emissions over tropical South America inferred from SCIAMACHY and OMI formaldehyde columns, *Journal of Geophysical Research*, 118, 6849-6868, doi:10.1002/jgrd.50552, 2013.

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