

## ***Interactive comment on “Sulfate Geoengineering Impact on Methane Transport and Lifetime: Results from the Geoengineering Model Intercomparison Project (GeoMIP)” by Daniele Visioni et al.***

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I think your results are also interesting in connection to air pollution under SRM - could you discuss the possible wider implications briefly in your conclusions? For context, see for example

Xia, L., Nowack, P. J., Tilmes, S., and Robock, A.: Impacts of Stratospheric Sulfate Geoengineering on Tropospheric Ozone, *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2017-434>, accepted for publication.

C1

<https://www.atmos-chem-phys-discuss.net/acp-2017-434/>

Nowack, P. J., Abraham, N. L., Braesicke, P., and Pyle, J. A.: Stratospheric ozone changes under solar geoengineering: implications for UV exposure and air quality, *Atmos. Chem. Phys.*, 16, 4191-4203, <https://doi.org/10.5194/acp-16-4191-2016>, 2016.

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Interactive comment on *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2017-593>, 2017.

C2