

PUBLICATION

Submitted / in Review /Accepted

2018

1. Dong, X., Fu, J. S., Zhu, Q., Sun, J., Tan, J., Keating, T., Sekiya, T., Sudo, K., Emmons, L., Tilmes, S., Jonson, J. E., Schulz, M., Bian, H., Chin, M., Davila, Y., Henze, D., Takemura, T., Benedictow, A. M. K., and Huang, K.: Long-range Transport Impacts on Surface Aerosol Concentrations and the Contributions to Haze Events in China: an HTAP2 Multi-Model Study, *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2018-91>, in review, 2018.
2. Zoe E. Gillett; Julie M. Arblaster; Andrea J. Dittus; Makoto Deushi; Patrick Jöckel; Douglas E. Kinnison; Olaf Morgenstern; David A. Plummer; Laura E. Revell; Eugene Rozanov; Robyn Schofield; Andrea Stenke; Kane A. Stone; Simone Tilmes, Modelling the influence of the Antarctic Ozone Hole on Southern Hemisphere surface climate variability, submitted to *Journal of Climate*
3. Timescale for detecting the climate response to stratospheric aerosol geoengineering, D. MacMartin, W. Wang, B. Kravitz, S. Tilmes, J. H. Richter, M. J. Mills, *JGR-atmosphere*, submitted
4. Wales et al., Stratospheric Injection of Brominated Very Short-Lived Substances: Aircraft Observations in the Western Pacific and Representation in Global Models, *JGR-atmosphere*, submitted
5. Fasullo J., S. Tilmes, J. H. Richter, M. J. Mills, B. Kravitz, D. MacMartin, I. Simpson, Persistent Polar Ocean Warming in a Strategically Geoengineered Climate, *Nature Geoscience*, submitted
6. Feng Y., J. Penner, S. J. Smith, S. Times, Understanding short-lived climate forcers: Progress and Uncertainties, *AR Environment and Resources*, Review article, accepted
7. Brown-Steiner, B., Selin, N. E., Prinn, R., Tilmes, S., Emmons, L., Lamarque, J.-F., and Cameron-Smith, P.: Evaluating Simplified Chemical Mechanisms within CESM Version 1.2 CAM-chem (CAM4): MOZART-4 vs. Reduced Hydrocarbon vs. Super-Fast Chemistry, *Geosci. Model Dev. Discuss.*, <https://doi.org/10.5194/gmd-2018-16>, accepted
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