

**Peer-reviewed journal publications***In preparation*

- Dasari, S., A. Andersson, N. Evangeliou, [A. Stohl](#), H. Holmstrand, K. Budhavant, A. Salam, and Ö. Gustafsson (2018): [Source fingerprinting of South Asian black carbon aerosols at receptors both at the exit of the Indo-Gangetic Plain and on an island in the northern Indian Ocean](#). In preparation for *Atmos. Chem. Phys.*
- McConnell, J. R., M. M. Arienzo, S. Eckhardt, T. C. Bond, N. Chellman, [A. Stohl](#), and S. Sharma (2018): [Greenland ice cores document widespread environmental fallout from 20<sup>th</sup> century residual oil burning](#). In preparation for *Nature Communications*.
- Kostinek, J., A. Roiger, M. Eckl, A. Fiehn, A. Luther, N. Wildmann, T. Klausner, A. Fix, C. Knote, [A. Stohl](#), and A. Butz (2020): [Estimating Upper Silesian coal mine methane emissions from airborne in situ observations and dispersion modeling](#). In preparation for *Atmos. Chem. Phys.*
- Arienzo, M. M., M. Legrand, S. Preunkert, [A. Stohl](#), N. Chellman, S. Eckhardt, K. E. Gleason, and J. R. McConnell (2020): [Alpine ice-core evidence of a large increase in pollution sourced vanadium and molybdenum in Western Europe for the 20<sup>th</sup> century](#). In preparation for *J. Geophys. Res.*

*Submitted*

- Evangeliou, N., H. Grythe, Z. Klimont, C. Heyes, S. Eckhardt, S. Lopez-Aparicio, and [A. Stohl](#) (2020): [Atmospheric transport, a major pathway of microplastics to remote regions](#). Submitted to *Nature Commun.*

*In press*

- Kylling, A., H. Ardeshiri, M. Cassiani, A. S. Dinger, S.-Y. Park, I. Pisso, N. Schmidbauer, K. Stebel and [A. Stohl](#) (2019): [Can statistics of turbulent tracer dispersion be inferred from UV camera observations of SO<sub>2</sub>?](#) In preparation for *Atmos. Meas. Tech.*
- Legrand, M., J. R. McConnell, L. Lestel, S. Preunkert, M. Arienzo, N. J. Chellman, [A. Stohl](#), and S. Eckhardt (2020): [Cadmium pollution from zinc-smelters up to four-fold higher than expected in western Europe in the 1980s as revealed by alpine ice](#). Accepted by *Geophys. Res. Lett.*
- Ardeshiri, H., S.-Y. Park, M. Cassiani, [A. Stohl](#), K. Stebel, I. Pisso, and A. S. Dinger (2020): [High resolution large eddy simulation of plume dispersion in an infinite-Re neutral boundary layer, Part I: Effects of grid resolution](#). Accepted by *Bound. Lay. Met.*

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