

List of Publications, Theses, and Data sets (2007–2024)

Infrastructure Priority Program SPP 1294
funded by the German Research Foundation (DFG)
(HALO DFG SPP 1294)

Atmospheric and Earth System Research with the Research Aircraft HALO (High Altitude and Long Range Research Aircraft)



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September 19, 2024

HALO SPP 1294 Scientific

Journal–Publications in Review or Submitted

- Deroubaix, A., Vountas, M., Gaubert, B., Andrés Hernández, M. D., Borrmann, S., Brasseur, G., Holanda, B., Kanaya, Y., Kaiser, K., Kluge, F., Krüger, O. O., Labuhn, I., Lichtenstern, M., Pfeilsticker, K., Pöhlker, M., Schlager, H., Schneider, J., Siour, G., Swain, B., Tuccella, P., Vinjamuri, K. S., Vrekoussis, M., Weyland, B., and Burrows, J. P.: Air quality model assessment in city plumes of Europe and East Asia, *EGUsphere*, 2024, 1–49, <https://doi.org/10.5194/egusphere-2024-516>, in review, 2024a.
- Deroubaix, A., Vountas, M., Gaubert, B., Andrés Hernández, M. D., Borrmann, S., Brasseur, G., Holanda, B., Kanaya, Y., Kaiser, K., Kluge, F., Krüger, O. O., Labuhn, I., Lichtenstern, M., Pfeilsticker, K., Pöhlker, M., Schlager, H., Schneider, J., Siour, G., Swain, B., Tuccella, P., Vinjamuri, K. S., Vrekoussis, M., Weyland, B., and Burrows, J. P.: Proportional relationships between carbonaceous aerosols and trace gases in city plumes of Europe and East Asia, *EGUsphere*, 2024, 1–33, <https://egusphere.copernicus.org/preprints/2024/egusphere-2024-521/>, in review, 2024b.
- Dischl, R. K., Sauer, D., Voigt, C., Harlaß, T., Sakellariou, F., Märkl, R. S., Schumann, U., Scheibe, M., Kaufmann, S., Roiger, A., Dörnbrack, A., Renard, C., Gauthier, M., Swann, P., Madden, P., Luff, D., Johnson, M., Ahrens, D., Sallinen, R., Schripp, T., Eckel, G., Bauder, U., and Le Clercq, P.: Measurements of particle emissions of an A350-941 burning 100% sustainable aviation fuels in cruise, *EGUsphere*, 2024, 1–29, <https://doi.org/10.5194/egusphere-2024-1224>, 2024.
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HALO SPP 1294 Peer–Reviewed and Accepted Scientific Journal–Publications

- Abdelmonem, A., Schnaiter, M., Amsler, P., Hesse, E., Meyer, J., and Leisner, T.: First correlated measurements of the shape and light scattering properties of cloud particles using the new Particle Habit Imaging and Polar Scattering (PHIPS) probe, *Atmos. Meas. Tech.*, 4, 2125–2142, <https://doi.org/10.5194/amt-4-2125-2011>, 2011.
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