

Curriculum Vitae – Eran Tas

Personal Details

Date of birth - 1970.

Country of birth - Israel.

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Higher Education

- 1994-1997, The Hebrew University, Chemistry, B.Sc.
- 1998-2000, The Hebrew University, School of Applied Sciences, Environmental Sciences + Atmospheric Sciences, M.Sc, Prof. Menachem.
- 2001-2007, The Hebrew University, The Institute of Earth Sciences, Atmospheric Chemistry / measurements & modelling, Ph.D, Prof. Menachem Luria.
- 2007-2009, Post-doctoral fellowship at the Max Planck Institute for Chemistry, Dept. of Atmospheric Chemistry, multiphase atmospheric chemistry modelling and model development. Host: Prof. Jos Lelieveld-Director of The Max Planck Institute in Mainz.
- 1/2010-8/2010, Post-doctoral fellowship at the Hebrew University, The Institute of Earth Sciences, Atmospheric chemistry modeling. Host: Prof. Menachem Luria.
- 2010-2012, Post-doctoral fellowship at the Weizmann Institute, Department of Environmental Sciences and Energy Research, Faculty of Chemistry. Host: Prof. Ilan Koren.

List of publications

Tas, E., Koren, I., and Altaratz, O (2012), On the sensitivity of droplet size relative dispersion to warm cumulus cloud evolution, *Geophys. Res. Lett.*, 39, L13807, doi:10.1029/2012GL052157.

Tas, E., Obrist, D., Peleg, M., Faïn X., Asaf, D., and Luria M (2012). Measurement-based modeling of bromine-induced oxidation of mercury above the Dead Sea, *Atmos. Chem. Phys.*, 12, 2429-2440, doi:10.5194/acp-12-2429-2012.

Asaf, D., Peleg, M., Alsawair, J., Soleiman, A., Matveev, V. Tas, E., Gertler, A., and Luria, M. (2011). Transboundary transport of ozone from the Eastern Mediterranean Coast, *Atmos. Env.*, 45, 5595-5601.

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Asaf, D., Tas, E., Pedersen, D., Peleg M., and Luria, M (2010). "Long-term measurements of NO₃ radical at a semi-arid urban site: 2. Seasonal trends and loss mechanisms", *Environ. Sci. Technol.*, 44, 5901–5907.

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Peleg, M., Matveev, V., Tas, E., Luria, M. Valente, R. J., and Obrist D (2007). Mercury Depletion Events in the Troposphere in Mid-Latitudes at the Dead Sea, Israel, *Environ. Sci. Technol.*, 41 (21), 7280-7285.

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Tas, E., Matveev, V., Zingler, J., Luria, M., and Peleg, M (2003). Frequency and extent of ozone destruction episodes over the Dead Sea, Israel, *Atmos. Environ.*, 37 (34), 4769-4780.

Matveev, V., Dayan, U., Tas, E., Peleg, M (2002). Atmospheric sulfur flux rates to and from Israel, *Sci. Total. Environ.*, 291, 143-154.

