

Environmental Science: Atmospheres

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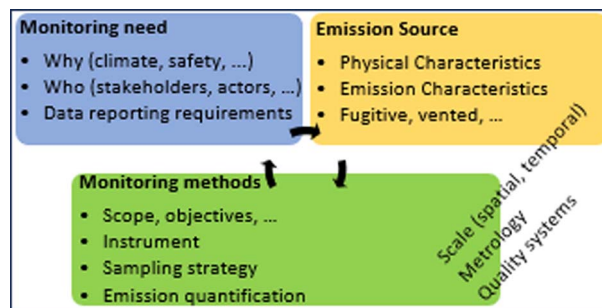
Cover
See Sabine Lühtrath *et al.*,
pp. 1218–1228.
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Lühtrath from *Environ. Sci.:*
Atmos., 2024, 4, 1218.

PERSPECTIVE

1203

A framework for describing and classifying methane reporting requirements, emission sources, and monitoring methods

Andy Connor,* Jacob T. Shaw, Nigel Yarrow, Neil Howes, Jon Helmore, Andrew Finlayson, Patrick Barker and Rod Robinson

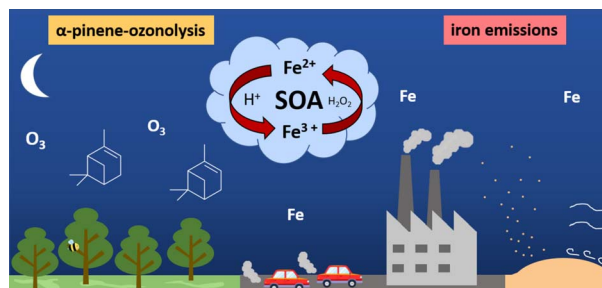


PAPERS

1218

Impact of atmospheric water-soluble iron on α -pinene-derived SOA formation and transformation in the presence of aqueous droplets

Sabine Lühtrath,* Sven Klemer, Clément Dubois, Christian George and Andreas Held



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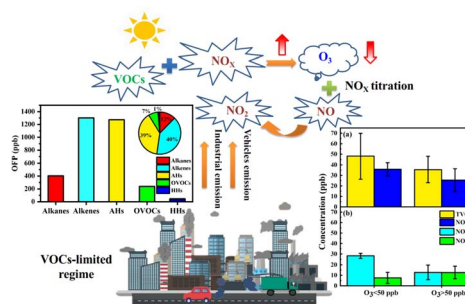
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Ozone formation potential related to the release of volatile organic compounds (VOCs) and nitrogen oxide (NO_x) from a typical industrial park in the Pearl River Delta

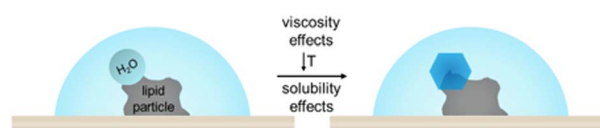
Taicheng An,* Jiajia Li, Qin hao Lin and Guiying Li



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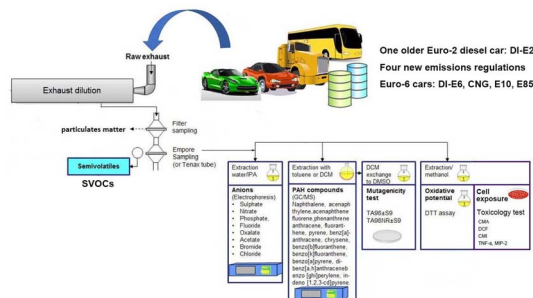
Lincoln Mehndiratta, Audrey E. Lyp, Jonathan H. Slade* and Vicki H. Grassian*



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Toxicological evaluation of SVOCs in exhaust emissions from light-duty vehicles using different fuel alternatives under sub-freezing conditions

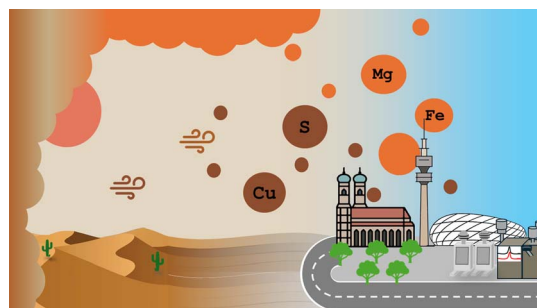
Mo Yang,* Päivi Aakko-Saksa, Henri Hakkarainen, Topi Rönkkö, Päivi Koponen, Xiao-Wen Zeng, Guang-Hui Dong and Pasi I. Jalava



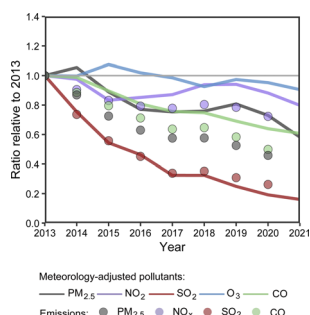
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Trace elements in $\text{PM}_{2.5}$ shed light on Saharan dust incursions over the Munich airshed in spring 2022

Sara Padoan,* Alessandro Zappi, Jan Bendl, Tanja Herrmann, Ajit Mudan, Carsten Neukirchen, Erika Brattich, Laura Tositti and Thomas Adam*



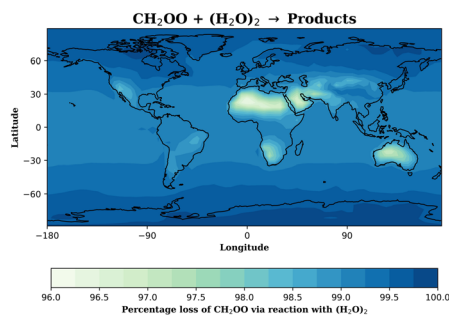
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Evaluating emissions and meteorological contributions to air quality trends in northern China based on measurements at a regional background station

Weiwei Pu, Yingruo Li, Xiaowan Zhu, Xiangxue Liu, Di He, Fan Dong, Heng Guo, Guijie Zhao, Liyan Zhou, Shuangshuang Ge and Zhiqiang Ma*

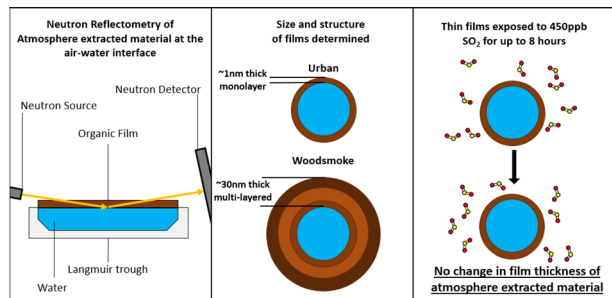
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Kinetics of the reactions of the Criegee intermediate CH₂OO with water vapour: experimental measurements as a function of temperature and global atmospheric modelling

Rachel E. Lade, Mark A. Blitz, Matthew Rowlinson, Mathew J. Evans, Paul W. Seakins and Daniel Stone*

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Does gas-phase sulfur dioxide remove films of atmosphere-extracted organic material from the aqueous aerosol air-water interface?

Edward J. Stuckey, Rebecca J. L. Welbourn, Stephanie H. Jones, Alexander J. Armstrong, Matthew Wilkinson, James I. L. Morison and Martin D. King*

