Environmental Science: Atmospheres

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IN THIS ISSUE

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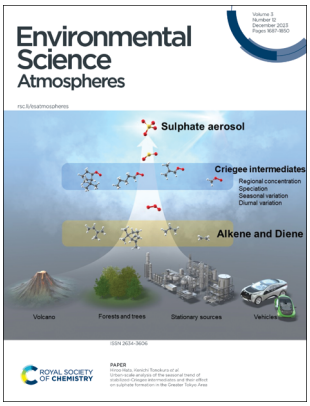
Cover
See Sylvain Gnamien *et al.*, pp. 1741–1757. Image reproduced by permission of Alain Koffi, Yapo Jean, Cathy Liousse, Sylvain Gnamien and Kambou Sia from *Environ. Sci.: Atmos.*, 2023, **3**, 1741.



Inside cover
See Hiroo Hata, Kenichi Tonokura *et al.*, pp. 1758–1766. Image reproduced by permission of Hiroo Hata from *Environ. Sci.: Atmos.*, 2023, **3**, 1758.

CRITICAL REVIEW

1693

Uncertainties in mitigating aviation non-CO_2 emissions for climate and air quality using hydrocarbon fuels

David S. Lee,* Myles R. Allen, Nicholas Cumpsty, Bethan Owen, Keith P. Shine and Agnieszka Skowron

PAPERS

1741

Chemical characterization of urban aerosols in Abidjan and Korhogo (Côte d'Ivoire) from 2018 to 2020 and the identification of their potential emission sources

Sylvain Gnamien,* Cathy Liousse, Sékou Keita, Siélé Silué, Julien Bahino, Eric Gardrat, Mohamed Kassamba-Diaby, Arsène Ochou and Véronique Yoboué

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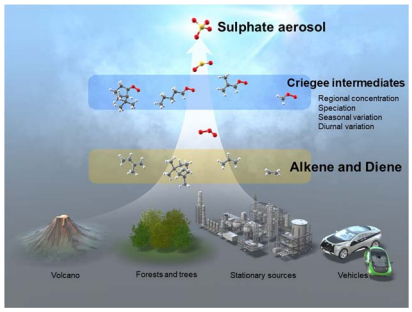
ROYAL SOCIETY OF CHEMISTRY

PAPERS

1758

Urban-scale analysis of the seasonal trend of stabilized-Criegee intermediates and their effect on sulphate formation in the Greater Tokyo Area

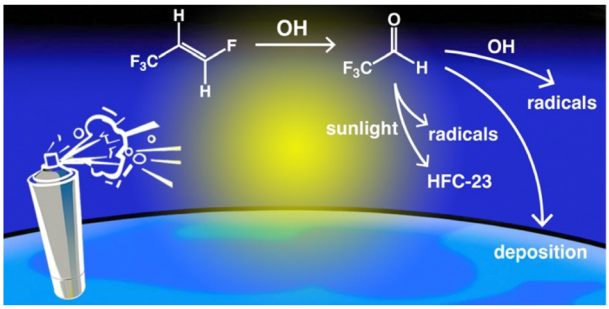
Yuya Nakamura, Hiroo Hata* and Kenichi Tonokura*



1767

Assessing the atmospheric fate of trifluoroacetaldehyde (CF_3CHO) and its potential as a new source of fluoroform (HFC-23) using the AtChem2 box model

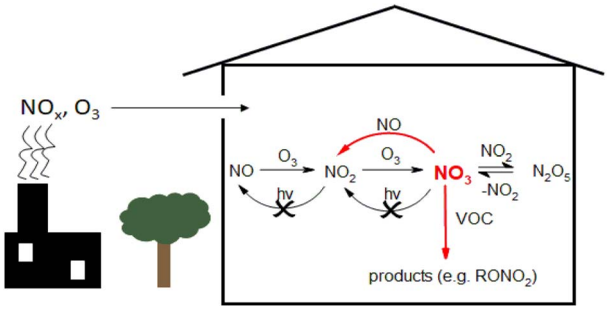
Maria Paula Pérez-Peña,* Jenny A. Fisher,* Christopher Hansen and Scott H. Kable



1778

NO_3 reactivity measurements in an indoor environment: a pilot study

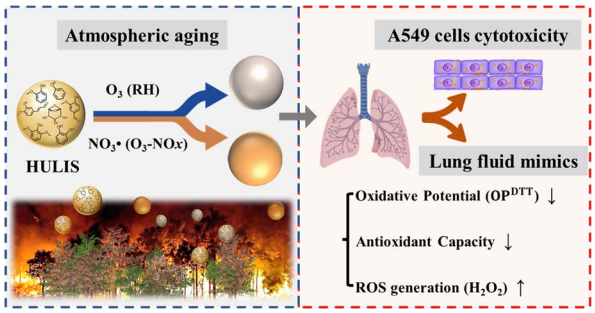
Patrick Dewald, Jos Lelieveld and John N. Crowley*



1791

Atmospheric aging modifies the redox potential and toxicity of humic-like substances (HULIS) from biomass burning

Chunlin Li, Diego Calderon-Arrieta, Michal Pardo, Dongmei Cai, Alexander Laskin, Jianmin Chen and Yinon Rudich*



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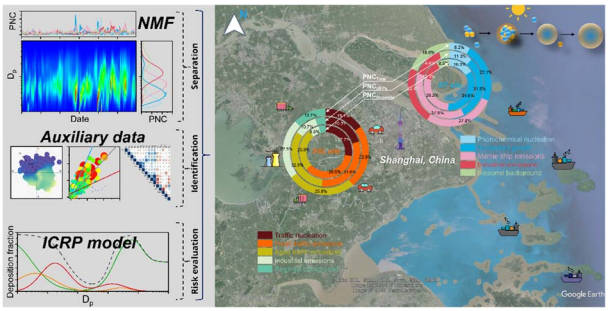
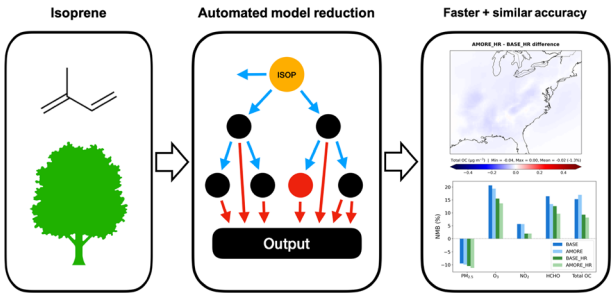
1805



Traffic, marine ships and nucleation as the main sources of ultrafine particles in suburban Shanghai, China

Qingsong Wang, Juntao Huo, Hui Chen,* Yusen Duan,* Qingyan Fu, Yi Sun, Kun Zhang, Ling Huang, Yangjun Wang, Jiani Tan, Li Li,* Lina Wang, Dan Li, Christian George, Abdelwahid Mellouki and Jianmin Chen

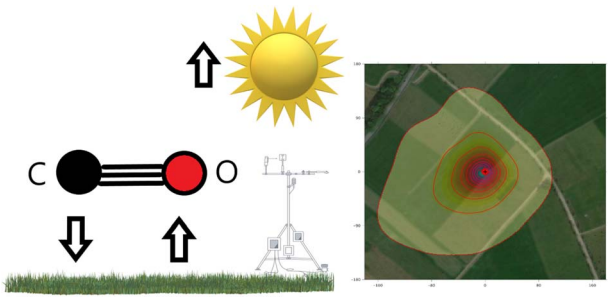
1820



Implementation and evaluation of the automated model reduction (AMORE) version 1.1 isoprene oxidation mechanism in GEOS-Chem

Benjamin Yang,* Forwood C. Wiser, V. Faye McNeill, Arlene M. Fiore, Madankui Tao, Daven K. Henze, Siddhartha Sen and Daniel M. Westervelt*

1834



Carbon monoxide fluxes measured using the eddy covariance method from an intensively managed grassland in Ireland

Murphy R. M.,* Lanigan G., Martin D. and Cowan N.

CORRECTION

1847

Correction: Ring-opening yields and auto-oxidation rates of the resulting peroxy radicals from OH-oxidation of α-pinene and β-pinene

Ben H. Lee, Siddharth Iyer, Theo Kurtén, Jonathan G. Varelas, Jingyi Luo, Regan J. Thomson and Joel A. Thornton*