

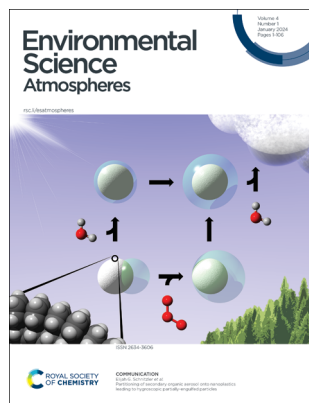
# Environmental Science: Atmospheres

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## IN THIS ISSUE

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**Inside cover**  
See Max R. McGillen *et al.*, pp. 18–34. Image reproduced by permission of Max R. McGillen from *Environ. Sci.: Atmos.*, 2024, 4, 18.

## EDITORIAL

7

### **Environmental Science: Atmospheres is four and so much more**

Neil M. Donahue

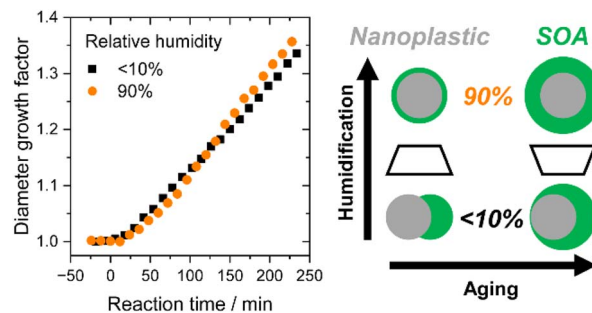


## COMMUNICATION

9

### **Partitioning of secondary organic aerosol onto nanoplastics leading to hygroscopic partially-engulfed particles**

Katrina L. Raincrow, Habeeb H. Al-Mashala and Elijah G. Schnitzler\*



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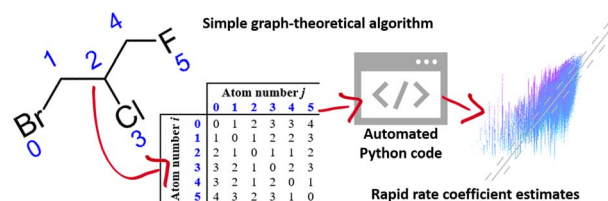


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18

## The use of the electrotopological state as a basis for predicting hydrogen abstraction rate coefficients: a proof of principle for the reactions of alkanes and haloalkanes with OH

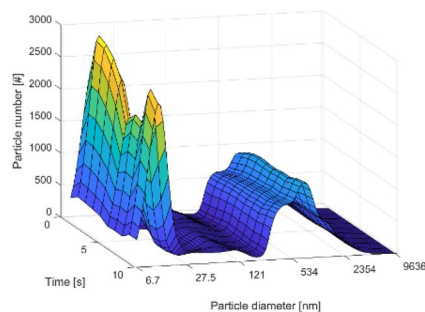
Max R. McGillen,\* Lisa Michelat, John J. Orlando and William P. L. Carter



35

## Ultrafine particle emissions from dry clutches: number concentration, size distribution and chemical composition

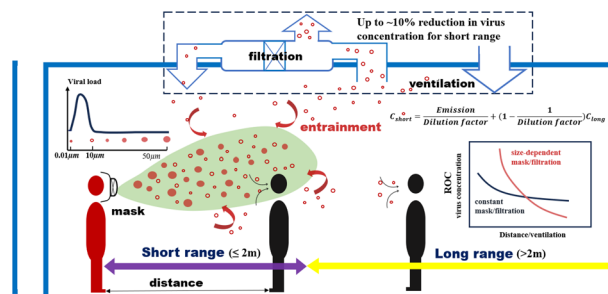
Rikard Hjelm,\* Yezhe Lyu, Alessandro Mancini, Bozhena Tsyupa, Minghui Tu, Ulf Olofsson and Jens Wahlström



43

## Size dependent effectiveness of engineering and administrative control strategies for both short- and long-range airborne transmission control

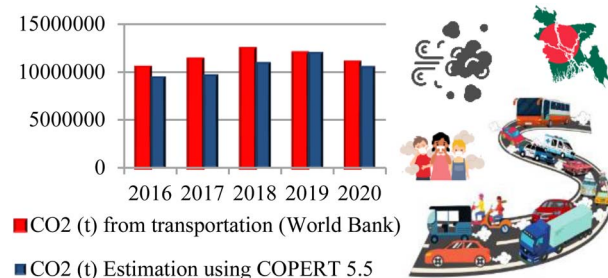
Xiaowei Lyu, Zhiwen Luo\* and Li Shao



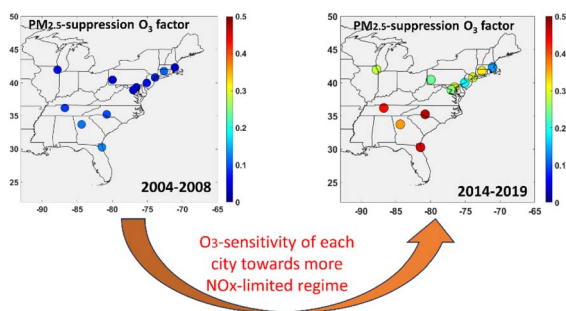
57

## Investigating the applicability of COPERT 5.5 emission software in Bangladesh and developing countrywide vehicular emission inventories

Sakie Kawsar,\* Sourav Biswas, Muntasir Noor and Md. Shahid Mamun



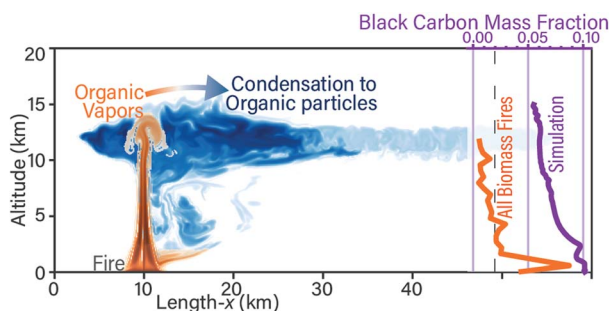
73



### Enhanced summertime PM<sub>2.5</sub>-suppression of O<sub>3</sub> formation over the Eastern U.S. following the O<sub>3</sub>-sensitivity variations

Jie Zhang,\* Junfeng Wang, Alexandra Catena, Margaret J. Schwab, Matthew Ninneman, Dirk Felton and James Schwab\*

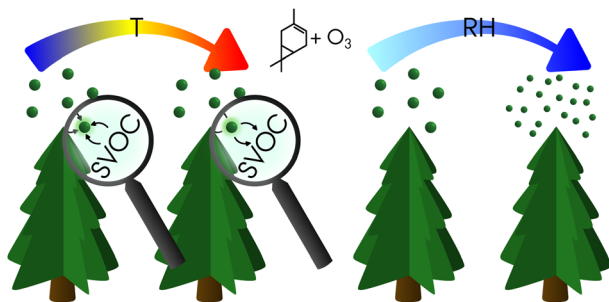
80



### Insights into Pyrocumulus aerosol composition: black carbon content and organic vapor condensation

Kyle Gorkowski,\* Eunmo Koo, Spencer Jordan, Jon Reisner, Katherine B. Benedict and Manvendra Dubey

88



### The effect of temperature and relative humidity on secondary organic aerosol formation from ozonolysis of $\Delta^3$ -carene

Ditte Thomsen, Emil Mark Iversen, Jane Tygesen Skønager, Yuanyuan Luo, Linjie Li, Pontus Roldin, Michael Priestley, Henrik B. Pedersen, Mattias Hallquist, Mikael Ehn, Merete Bilde\* and Marianne Glasius\*

