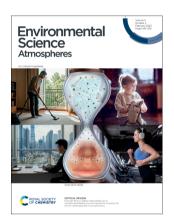
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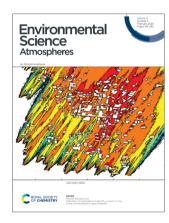
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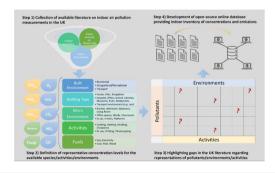
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#### CRITICAL REVIEW

#### Towards developing an indoor emissions inventory for the UK: challenges and future directions

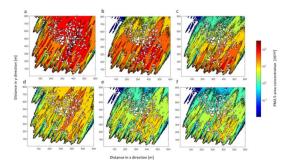
Andrea Mazzeo, Christian Pfrang\* and Zaheer Ahmad Nasir\*



#### **PAPERS**

#### Estimation of neighborhood scale PM<sub>2.5</sub> impacts in rural towns in the Purepecha region of Mexico

Yucheng He, Sanika R. Nishandar, Rufus D. Edwards,\* Belén Olava-García, Montserrat Serrano-Medrano, Víctor M. Ruiz-García, Víctor Berrueta, Marko Princevac and Omar Masera





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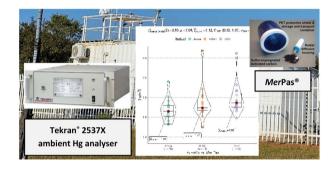
#### Perhemiacetal formation and Cl/NO<sub>3</sub>-initiated chemistry of hydroperoxymethylthioformate (HPMTF) in atmospheric DMS oxidation

L. Vereecken,\* A. Novelli, D. Taraborrelli and A. Wahner

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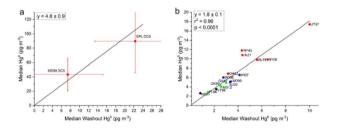
#### Statistical assessment of an atmospheric mercury passive sampler at a regional site in South Africa

Xoliswa E. V. Job, Kerneels Jaars,\* Pieter G. van Zyl, Katrina MacSween, Liezl Bredenkamp, Miroslav Josipovic, Lynwill G. Martin, Ville Vakkari, Markku Kulmala and Lauri Laakso



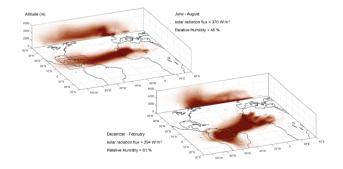
The effect of precipitation on gaseous oxidized and elemental mercury concentrations as quantified by two types of atmospheric mercury measurement systems

Peter S. Weiss-Penzias,\* Seth N. Lyman, Tyler Elgiar, Lynne E. Gratz, Winston T. Luke, Gabriel Quevedo, Nicole Choma and Mae Sexauer Gustin



#### Assessing conditions favoring the survival of African dust-borne microorganisms during long-range transport across the tropical Atlantic

Ali Hossein Mardi, Miguel Ricardo A. Hilario, Regina Hanlon, Cristina González Martín, David Schmale, Armin Sorooshian and Hosein Foroutan\*



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# Highly diverse emission of volatile organic compounds by Sitka spruce and determination of their emission pathways

Hayley Furnell, John Wenger, Astrid Wingler, Kieran N. Kilcawley, David T. Mannion, Iwona Skibinska and Julien Kammer\*