



Volume 41

Issue 3

January 2007

ISSN 1352-2310

ATMOSPHERIC ENVIRONMENT

Air Pollution: Emissions • Transport and dispersion • Transformation • Deposition
Effects • Micrometeorology • Urban Atmosphere • Global Atmosphere



ATMOSPHERIC ENVIRONMENT

<http://www.elsevier.com/locate/atmosenv>

Volume 41 Issue 3

2007

CONTENTS

Announcement

- 449 Haagen-Smit Prize 2006

Regular papers

G. Lammel, Y.-S. Ghim, A. Grados, H. Gao, H. Hühnerfuss and R. Lohmann

A. Keats, E. Yee and F.-S. Lien

D.G. Streets, J.S. Fu, C.J. Jang, J. Hao, K. He, X. Tang, Y. Zhang, Z. Wang, Z. Li, Q. Zhang, L. Wang, B. Wang and C. Yu

A. Marmur, J.A. Mulholland and A.G. Russell

I. Hwang and P.K. Hopke

R. Greenwald, M.H. Bergin, R. Weber and A. Sullivan

D. Cocchi, F. Greco and C. Trivisano

I.J. George and C. Anastasio

M.I. Khoder

E. Kim and P.K. Hopke

M.J. Kleeman, Q. Ying, J. Lu, M.J. Mysliwiec, R.J. Griffin, J. Chen and S. Clegg

M. Ren, P. Peng, S. Zhang, L. Yu, G. Zhang, B. Mai, G. Sheng and J. Fu

- 452 Levels of persistent organic pollutants in air in China and over the Yellow Sea

- 465 Bayesian inference for source determination with applications to a complex urban environment

- 480 Air quality during the 2008 Beijing Olympic Games

- 493 Optimized variable source-profile approach for source apportionment

- 506 Estimation of source apportionment and potential source locations of PM_{2.5} at a west coastal IMPROVE site

- 519 Size-resolved, real-time measurement of water-insoluble aerosols in metropolitan Atlanta during the summer of 2004

- 532 Hierarchical space-time modelling of PM₁₀ pollution

- 543 Release of gaseous bromine from the photolysis of nitrate and hydrogen peroxide in simulated sea-salt solutions

- 554 Ambient levels of volatile organic compounds in the atmosphere of Greater Cairo

- 567 Comparison between sample-species specific uncertainties and estimated uncertainties for the source apportionment of the speciation trends network data

- 576 Source apportionment of secondary organic aerosol during a severe photochemical smog episode

- 592 Atmospheric deposition of polychlorinated dibenzo-*p*-dioxins and dibenzofurans (PCDD/Fs) in Guangzhou, China

Continued on inside back cover

Indexed/Abstracted in: *Anal Abstr Acid Pre Dig*, *Air Poll Titles*, *Appl Sci Technol*, *Appl Sci Technol*, *Appl Sci Technol Index*, *Appl Sci Technol Abstr*, *Current Contents*, *Aqua Abstr*, *Biosis Data*, *CAB Inter*, *Cam Sci Abstr*, *Chem Eng Abstr*, *Chemical Abstracts Service*, *CABS*, *Environ Per Bibl*, *Excerpt Med*, *Fluid Abstr Civ Eng*, *Fluid Abstr Process Eng*, *FLUIDEX*, *Geo Abstr*, *INSPEC Data*, *PASCAL-CNRS Data*, *SCISEARCH Data*, *TCEA*, *Tribol Corros Abstr*, *Meteorolog Geoastrophys Abstr*.



1352-2310(2007)41:3;1-F

Printed in Great Britain by BPC Wheatons Ltd., Exeter

246



ISSN 1352-2310

41(3) 449-676 (2007)

- J. Krzyscin, P. Krizan and J. Jarosławski 606 Long-term changes in the tropospheric column ozone from the ozone soundings over Europe
- D. Koračin, A. Panorska, V. Isakov, J.S. Touma and J. Swall 617 A statistical approach for estimating uncertainty in dispersion modeling: An example of application in southwestern USA
- E. Ormeño, C. Fernandez, A. Bousquet-Mélou, S. Greff, E. Morin, C. Robles, B. Vila and G. Bonin 629 Monoterpene and sesquiterpene emissions of three Mediterranean species through calcareous and siliceous soils in natural conditions
- J. Volckens, J. Braddock, R.F. Snow and W. Crews 640 Emissions profile from new and in-use handheld, 2-stroke engines
- Y.-J. Liu, Y.-J. Mu, Y.-G. Zhu, H. Ding and N.C. Arens 650 Which ornamental plant species effectively remove benzene from indoor air?
- B. Roy, G.A. Pouliot, A. Gilliland, T. Pierce, S. Howard, P.V. Bhate and W. Benjey 655 Refining fire emissions for air quality modeling with remotely sensed fire counts: A wildfire case study
- M. Krishnamurthy, D.K. Carder, G. Thompson and M. Gautam 666 Cost of lower NO_x emissions: Increased CO₂ emissions from heavy-duty diesel engines



Available online at www.sciencedirect.com



ISSN 1352-2310

41(3) 449–676 (2007)