



Volume 44

ISSN 1352-2310

# ATMOSPHERIC ENVIRONMENT

**Air Pollution:** Air Quality • Emissions • Transport and Transformations • Atmospheric Composition • Deposition and Fate • Pollution and Climate Change • Environmental Policy  
• Special Themes



## CONTENTS

### Regular papers

- Y. Zhou, Y. Wu, L. Yang, L. Fu, K. He, S. Wang, J. Hao, J. Chen and C. Li 285  
The impact of transportation control measures on emission reductions during the 2008 Olympic Games in Beijing, China
- H.F. Dacre 294  
Evaluating the ability of a numerical weather prediction model to forecast tracer concentrations during ETEX 2
- R. Zhu, Y. Liu, H. Xu, T. Huang, J. Sun, E. Ma and L. Sun 304  
Carbon dioxide and methane fluxes in the littoral zones of two lakes, east Antarctica
- E.A. Stone, C.J. Hedman, J. Zhou, M. Mieritz and J.J. Schauer 312  
Insights into the nature of secondary organic aerosol in Mexico City during the MILAGRO experiment 2006
- D.D. Cohen, J. Crawford, E. Stelcer and V.T. Bac 320  
Characterisation and source apportionment of fine particulate sources at Hanoi from 2001 to 2008
- E. Aumann, L.M. Hildemann and A. Tabazadeh 329  
Measuring and modeling the composition and temperature-dependence of surface tension for organic solutions
- J. Giménez, C. Pastor, R. Castañer, J. Nicolás, J. Crespo and A. Carratalá 338  
Influence of Saharan dust outbreaks and atmospheric stability upon vertical profiles of size-segregated aerosols and water vapor
- K. Osada, Y. Shido, H. Iida and M. Kido 347  
Deposition processes of ionic constituents to snow cover
- S. Sironi, L. Capelli, P. Céntola, R. Del Rosso and S. Pierucci 354  
Odour impact assessment by means of dynamic olfactometry, dispersion modelling and social participation
- J.L. Kelly, D.V. Michelangeli, P.A. Makar, D.R. Hastie, M. Mozurkewich and J. Auld 361  
Aerosol speciation and mass prediction from toluene oxidation under high NO<sub>x</sub> conditions
- C. Borrego, A. Monteiro, J. Ferreira, M.R. Moraes, A. Carvalho, I. Ribeiro, A.I. Miranda and D.M. Moreira 370  
Modelling the photochemical pollution over the metropolitan area of Porto Alegre, Brazil
- M. Aikawa, T. Ohara, T. Hiraki, O. Oishi, A. Tsuji, M. Yamagami, K. Murano and H. Mukai 381  
Significant geographic gradients in particulate sulfate over Japan determined from multiple-site measurements and a chemical transport model: Impacts of transboundary pollution from the Asian continent

Continued on inside back cover

Abstracted/indexed 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, Meteorol Geostrophys Abstr*. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.



1352-2310(201001)44:3;1-T

Printed by Polestar Wheatons Ltd., Exeter, UK



ISSN 1352-2310  
44(3) 285–440 (2010)