

38-2

Volume 38, No. 2

January 2004, Pages 167–344

ATMOSPHERIC ENVIRONMENT

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



PERGAMON
An imprint of Elsevier

ATMOSPHERIC ENVIRONMENT

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

CONTENTS

Volume 38 Number 2

2004

Announcement

- H.B. Singh, P. Brimblecombe and J. Kieber 167 Haagen-Smit Award 2003

Regular papers

- A. Avila and A. Rodrigo 171 Trace metal fluxes in bulk deposition, throughfall and stemflow at two evergreen oak stands in NE Spain subject to different exposure to the industrial environment
- W. Ding, Z. Cai and H. Tsuruta 181 Diel variation in methane emissions from the stands of *Carex lasiocarpa* and *Deyeuxia angustifolia* in a cool temperate freshwater marsh
- P.D. Hien, V.T. Bac and N.T.H. Thinh 189 PMF receptor modelling of fine and coarse PM_{10} in air masses governing monsoon conditions in Hanoi, northern Vietnam
- E.R.C. Rabelo, C.A.G. Veras, J.A. Carvalho Jr., E.C. Alvarado, D.V. Sandberg and J.C. Santos 203 Log smoldering after an amazonian deforestation fire
- M. Staikova, F. Wania and D.J. Donaldson 213 Molecular polarizability as a single-parameter predictor of vapour pressures and octanol-air partitioning coefficients of non-polar compounds: a priori approach and results
- G. Xiu, D. Zhang, J. Chen, X. Huang, Z. Chen, H. Guo and J. Pan 227 Characterization of major water-soluble inorganic ions in size-fractionated particulate matters in Shanghai campus ambient air
- J.R. Graney, M.S. Landis and G.A. Norris 237 Concentrations and solubility of metals from indoor and personal exposure $PM_{2.5}$ samples
- I. Villanueva-Fierro, C.J. Popp and R.S. Martin 249 Biogenic emissions and ambient concentrations of hydrocarbons, carbonyl compounds and organic acids from ponderosa pine and cottonwood trees at rural and forested sites in Central New Mexico

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(2004)38:2;1-L

ATMOSPHERIC ENVIRONMENT
VOLUME 38 NUMBER 2

CONTENTS—*continued from outside back cover*

- Z. Xiangdong, Z. Xiuji, T. Jie,
Q. Yu and C. Chuenyu 261 A meteorological analysis on a low tropospheric ozone event over Xining, North Western China on 26–27 July 1996
- S. Emeis, C. Münkel, S. Vogt,
W.J. Müller and K. Schäfer 273 Atmospheric boundary-layer structure from simultaneous SODAR, RASS, and ceilometer measurements
- D.H. Lowenthal, R.D. Borys,
T.W. Choularton, K.N. Bower,
M.J. Flynn and M.W. Gallagher 287 Parameterization of the cloud droplet–sulfate relationship
- S.S. Park, S.B. Hong, Y.G. Jung and
J.H. Lee 293 Measurements of PM₁₀ aerosol and gas-phase nitrous acid during fall season in a semi-urban atmosphere
- D.A. Niemeier, Y. Zheng and T. Kear 305 UCDrive: a new gridded mobile source emission inventory model
- S.L. Quiterio, C.R.S. da Silva,
G. Arbilla and V. Escaleira 321 Metals in airborne particulate matter in the industrial district of Santa Cruz, Rio de Janeiro, in an annual period
- P.-J. Tsai, T.-S. Shih, H.-L. Chen,
W.-J. Lee, C.-H. Lai and S.-H. Liou 333 Assessing and predicting the exposures of polycyclic aromatic hydrocarbons (PAHs) and their carcinogenic potencies from vehicle engine exhausts to highway toll station workers

List of forthcoming papers

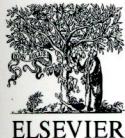
I

Available online at www.sciencedirect.com

SCIENCE @ DIRECT®

CONTENTS
Direct

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>



ISSN 1352-2310
38(2) 167–344 (2004)