



Volume 40

Issue 19

June 2006

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 40 Issue 19

2006

CONTENTS

Regular papers

- C. Wiedinmyer, B. Quayle, C. Geron, A. Belote, D. McKenzie, X. Zhang, S. O'Neill and K.K. Wynne 3419 Estimating emissions from fires in North America for air quality modeling
- J. Xu, D. DuBois, M. Pitchford, M. Green and V. Etyemezian 3433 Attribution of sulfate aerosols in Federal Class I areas of the western United States based on trajectory regression analysis
- T.F. Kahan, N.-O.A. Kwamena and D.J. Donaldson 3448 Heterogeneous ozonation kinetics of polycyclic aromatic hydrocarbons on organic films
- A.W. Nørgaard, J.K. Nørgaard, K. Larsen, S. Sporring, C.K. Wilkins, P.A. Clausen and P. Wolkoff 3460 Secondary limonene endo-ozonide: A major product from gas-phase ozonolysis of *R*-(+)-limonene at ambient temperature
- M. Fiebig-Wittmaack, E. Schultz, A.M. Córdova and C. Pizarro 3467 A microscopic and chemical study of airborne coarse particles with particular reference to sea salt in Chile at 30°S
- M. Sharan and M. Modani 3479 A two-dimensional analytical model for the dispersion of air-pollutants in the atmosphere with a capping inversion
- P. Sreedharan, M.D. Sohn, A.J. Gadgil and W.W. Nazaroff 3490 Systems approach to evaluating sensor characteristics for real-time monitoring of high-risk indoor contaminant releases
- R. Seyfoglou and M. Odabasi 3503 Investigation of air-water exchange of formaldehyde using the water surface sampler: Flux enhancement due to chemical reaction
- S.-C. Chang and C.-T. Lee 3513 Ozone variations through vehicle emissions reductions based on air quality monitoring data in Taipei City, Taiwan, from 1994 to 2003
- J. Vukić, J. Fott, A. Petrusk and R. Šanda 3527 What can size distribution of spheroidal carbonaceous particles reveal about their source?
- T. Kindap, A. Unal, S.-H. Chen, Y. Hu, M.T. Odman and M. Karaca 3536 Long-range aerosol transport from Europe to Istanbul, Turkey
- R. Reiss and J. Griffin 3548 A probabilistic model for acute bystander exposure and risk assessment for soil fumigants
- B. Stone and J.M. Norman 3561 Land use planning and surface heat island formation: A parcel-based radiation flux approach

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*, *Meteorol Geostrophys Abstr*.



1352-2310(2006)40:19;1-0

Typeset by Macmillan India Ltd., Bangalore-25. Printed in Great Britain by BPC Wheatons Ltd., Exeter

246



ISSN 1352-2310
40(19) 3419-3630 (2006)

ATMOSPHERIC ENVIRONMENT
VOLUME 40 NUMBER 19

CONTENTS—continued from outside back cover

- R. Reiss and J. Griffin 3548 A probabilistic model for acute bystander exposure and risk assessment for soil fumigants
- B. Stone and J.M. Norman 3561 Land use planning and surface heat island formation: A parcel-based radiation flux approach
- T.C. Bond, B. Wehner, A. Plewka,
A. Wiedensohler, J. Heintzenberg and
R.J. Charlson 3574 Climate-relevant properties of primary particulate emissions from oil and natural gas combustion
- W.E. Asher and J.F. Pankow 3588 Vapor pressure prediction for alkenoic and aromatic organic compounds by a UNIFAC-based group contribution method
- B.E. Anderson, G. Chen and D.R. Blake 3601 Hydrocarbon emissions from a modern commercial airliner
- A. Rouvire, G. Brulfert, P. Baussand and
J.-P. Chollet 3613 Monoterpene source emissions from Chamonix in the Alpine Valleys
- H. Hakola, H. Helln and T. Laurila 3621 Ten years of light hydrocarbons (C_2-C_6) concentration measurements in background air in Finland

Available online at www.sciencedirect.com

SCIENCE  DIRECT[®]



ISSN 1352-2310

40(19) 3419–3630 (2006)