

Volume 39

Issue 20

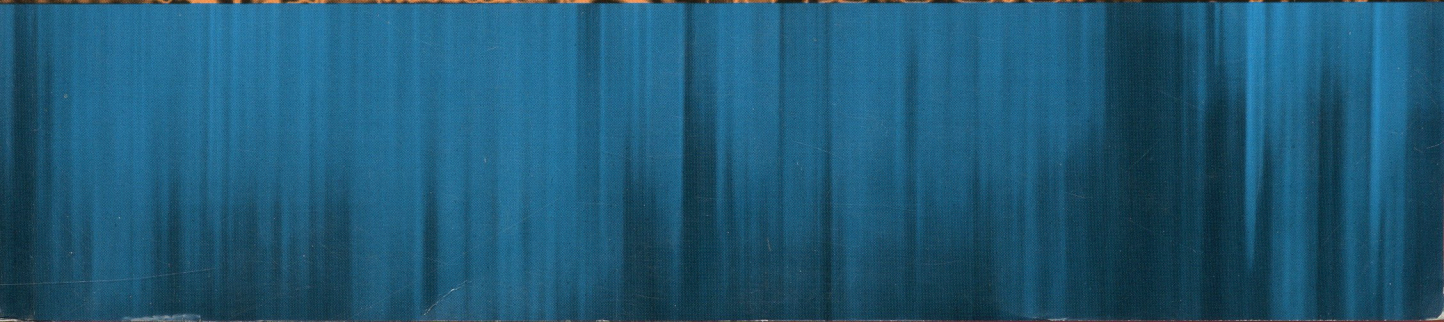
June 2005

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 39 Issue 20



CONTENTS

2005

Regular papers

- E.S.P. So, A.T.Y. Chan and A.Y.T. Wong 3573 Large-eddy simulations of wind flow and pollutant dispersion in a street canyon
- H. Hou, T. Takamatsu, M.K. Koshikawa and M. Hosomi 3583 Trace metals in bulk precipitation and throughfall in a suburban area of Japan
- D. Westerdahl, S. Fruin, T. Sax, P.M. Fine and C. Sioutas 3597 Mobile platform measurements of ultrafine particles and associated pollutant concentrations on freeways and residential streets in Los Angeles
- Yuval, D.M. Broday and Y. Carmel 3611 Mapping spatio-temporal variables: The impact of the time-averaging window width on the spatial accuracy
- Ø. Endresen, J. Bakke, E. Sjørgård, T. Flatlandsmo Berglen and P. Holmvang 3621 Improved modelling of ship SO₂ emissions—a fuel-based approach
- S. Kaur, M. Nieuwenhuijsen and R. Colville 3629 Personal exposure of street canyon intersection users to PM_{2.5}, ultrafine particle counts and carbon monoxide in Central London, UK
- D.M. Moreira, T. Tirabassi and J.C. Carvalho 3643 Plume dispersion simulation in low wind conditions in stable and convective boundary layers
- V.F. Shilton, C.A. Booth, J.P. Smith, P. Giess, D.J. Mitchell and C.D. Williams 3651 Magnetic properties of urban street dust and their relationship with organic matter content in the West Midlands, UK
- F. Reinstorf, M. Binder, M. Schirmer, J. Grimm-Strele and W. Walther 3661 Comparative assessment of regionalisation methods of monitored atmospheric deposition loads
- N. Yamamoto, K. Kumagai, M. Fujii, D.G. Shendell, O. Endo and Y. Yanagisawa 3675 Size-dependent collection of micrometer-sized particles using nylon mesh
- P.-A. Maron, D.P.H. Lejon, E. Carvalho, K. Bizet, P. Lemanceau, L. Ranjard and C. Mougel 3687 Assessing genetic structure and diversity of airborne bacterial communities by DNA fingerprinting and 16S rDNA clone library
- T. Hussein, K. Hämeri, M.S.A. Heikkinen and M. Kulmala 3697 Indoor and outdoor particle size characterization at a family house in Espoo—Finland
- M.R. Heal, L.R. Hibbs, R.M. Agius and I.J. Beverland 3711 Interpretation of variations in fine, coarse and black smoke particulate matter concentrations in a northern European city
- B.A. Begum, E. Kim, C.-H. Jeong, D.-W. Lee and P.K. Hopke 3719 Evaluation of the potential source contribution function using the 2002 Quebec forest fire episode

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 Geostrophys Abstr.*



1352-2310(2005)39:20;1-5

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

246



ELSEVIER

ISSN 1352-2310
39(20) 3573-3770 (2005)

- A. Dreyer, C. Blodau, J. Turunen
and M. Radke 3725 The spatial distribution of PAH depositions to peatlands of
Eastern Canada
- H. Yang, J.Z. Yu, S.S.H. Ho, J. Xu,
W.-S. Wu, C.H. Wan, X. Wang,
X. Wang and L. Wang 3735 The chemical composition of inorganic and carbonaceous
materials in PM_{2.5} in Nanjing, China
- D. Ogulei, P.K. Hopke, L. Zhou,
P. Paatero, S.S. Park and J.M. Ondov 3751 Receptor modeling for multiple time resolved species: The
Baltimore supersite
- Technical note**
- M. Odabasi, O. Ongan and E. Cetin 3763 Quantitative analysis of volatile organic compounds (VOCs) in
atmospheric particles
- I List of forthcoming papers

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>



ELSEVIER

ISSN 1352-2310
39(20) 3573–3770 (2005)