

Volume 41

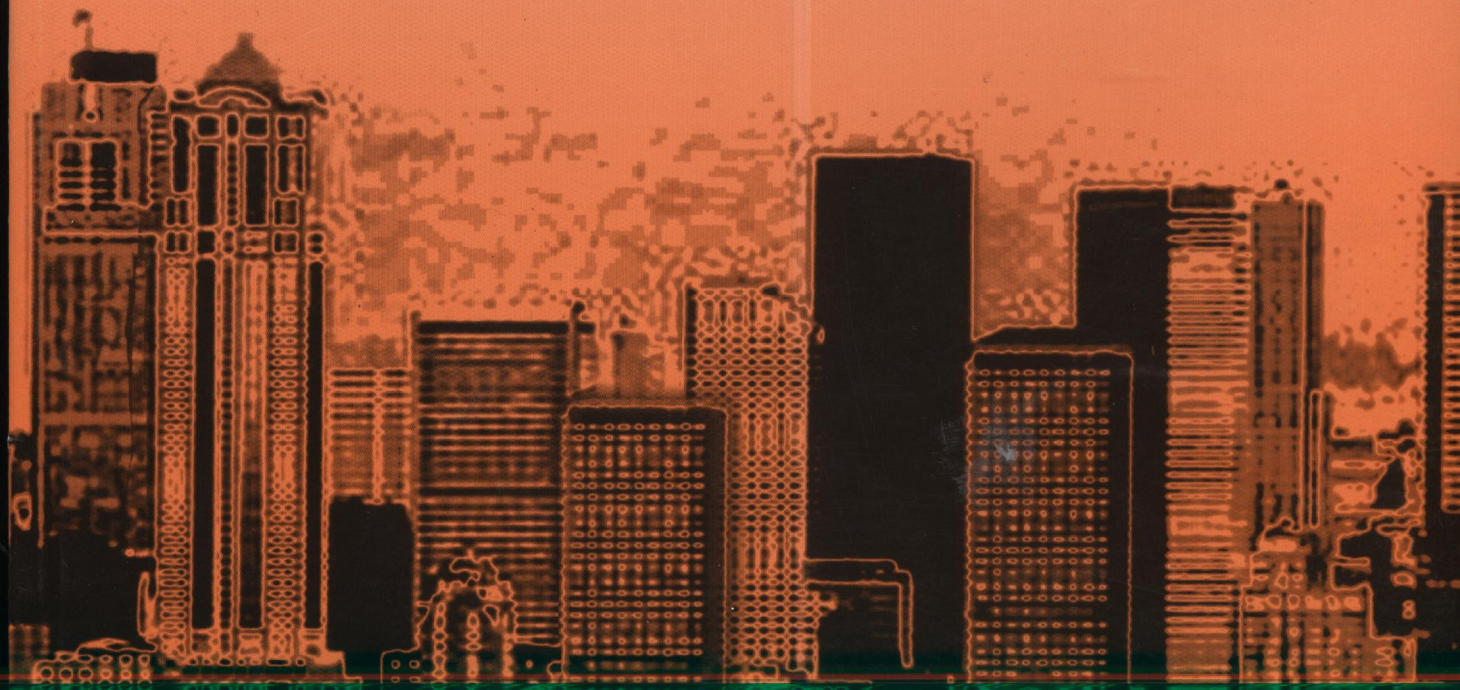
Issue 23

July 2007

ISSN 1352-2310

ATMOSPHERIC ENVIRONMENT

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



- S. del Vento and J. Dachs 4920 Influence of the surface microlayer on atmospheric deposition of aerosols and polycyclic aromatic hydrocarbons
- J.E. Sickles II and D.S. Shadwick 4931 Effects of missing seasonal data on estimates of period means of dry and wet deposition
- F. Hernandez, L. Karlsson and J. Hernandez-Armas 4940 Impact of the tropical storm Delta on the gross alpha, gross beta, ^{90}Sr , ^{210}Pb , ^7Be , ^{40}K and ^{137}Cs activities measured in atmospheric aerosol and water samples collected in Tenerife (Canary Islands)
- M.S. de Paula Gomes, A.A. Isnard and J.M. do Carmo Pinto 4949 Wind tunnel investigation on the retention of air pollutants in three-dimensional recirculation zones in urban areas
- W.R. Chan, W.W. Nazaroff, P.N. Price and A.J. Gadgil 4962 Effectiveness of urban shelter-in-place—I: Idealized conditions
- S.M. Wilson and M.L. Serre 4977 Examination of atmospheric ammonia levels near hog CAFOs, homes, and schools in Eastern North Carolina
- Technical note**
- A. Albinet, E. Leoz-Garziandia, H. Budzinski and E. Villenave 4988 Sampling precautions for the measurement of nitrated polycyclic aromatic hydrocarbons in ambient air

CONTENTS

Reviews

- S.K. Zaripov, M.V. Vanyunina, A.N. Osipov and E.V. Skvortsov 4773 Calculation of concentration of aerosol particles around a slot sampler
- S. Kaur, M.J. Nieuwenhuijsen and R.N. Colvile 4781 Fine particulate matter and carbon monoxide exposure concentrations in urban street transport microenvironments

Regular papers

- K.Y. Kim, H.J. Ko, H.T. Kim, Y.S. Kim, Y.M. Roh, C.M. Lee, H.S. Kim and C.N. Kim 4811 Sulfuric odorous compounds emitted from pig-feeding operations
- R.J. Krupadam, R. Ahuja, S.R. Wate and Y. Anjaneyulu 4819 Forest bound estuaries are higher methane emitters than paddy fields: A case of Godavari estuary, East Coast of India
- J. Franzaring, A. Klumpp and A. Fangmeier 4828 Active biomonitoring of airborne fluoride near an HF producing factory using standardised grass cultures
- J. Kim, C.H. Jung, B.-C. Choi, S.-N. Oh, F.J. Brechtel, S.-C. Yoon and S.-W. Kim 4841 Number size distribution of atmospheric aerosols during ACE-Asia dust and precipitation events
- M.E.-N. Adam and S.M. El Shazly 4856 Attenuation of UV-B radiation in the atmosphere: Clouds effect, at Qena (Egypt)
- Y. He, I. Uno, Z. Wang, T. Ohara, N. Sugimoto, A. Shimizu, A. Richter and J.P. Burrows 4865 Variations of the increasing trend of tropospheric NO₂ over central east China during the past decade
- D.M. Pinto, P. Tiiva, P. Miettinen, J. Joutsensaari, H. Kokkola, A.-M. Nerg, A. Laaksonen and J.K. Holopainen 4877 The effects of increasing atmospheric ozone on biogenic monoterpene profiles and the formation of secondary aerosols
- F. Samie, J. Tidblad, V. Kucera and C. Leygraf 4888 Atmospheric corrosion effects of HNO₃—Comparison of laboratory-exposed copper, zinc and carbon steel
- X.-Y. Liu, H.-Y. Xiao, C.-Q. Liu and Y.-Y. Li 4897 $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of moss *Haplocladium microphyllum* (Hedw.) Broth. for indicating growing environment variation and canopy retention on atmospheric nitrogen deposition
- A. Iijima, K. Sato, K. Yano, H. Tago, M. Kato, H. Kimura and N. Furuta 4908 Particle size and composition distribution analysis of automotive brake abrasion dusts for the evaluation of antimony sources of airborne particulate matter

Continued on inside back cover

