

TABLE OF CONTENTS

Volume 3, Special Issue

September 2012

A Cross-Sectional Mortality Study Comparing the Use of Actual and Modeled Air Pollution Data

- D. A. Dziegielewska, R. Mendelsohn.....1095

Asthma Hospital Admissions and Ambient Air Pollutant Concentrations in New York City

- C. E. Restrepo, J. S. Simonoff, G. D. Thurston, R. Zimmerman.....1102

Using Spatial Econometrics to Measure Ozone Pollution Externalities

- C.-Y. Cynthia Lin.....1117

Air Pollution Steady-State Advection-Diffusion Equation: The General Three-Dimensional Solution

- D. Buske, M. T. Vilhena, T. Tirabassi, B. Bodmann.....1124

An Integrated Agent-Based Framework for Assessing Air Pollution Impacts

- D. Newth, D. Gunasekera.....1135

Analysis of Key Features of Non-Linear Behavior Using Recurrence Plots. Case Study: Urban Pollution at Mexico City

- M. A. Aceves-Fernandez, J. C. Pedraza-Ortega, A. Sotomayor-Olmedo, J. M. Ramos-Arreguín, J. E. Vargas-Soto, S. Tovar-Arriaga.....1147

A Cost-Benefit Evaluation of the Air Quality and Health Impacts in São Paulo, Brazil

- D. V. Veronez, L. A. Kulay, P. H. N. Saldiva, S. G. El K. Miraglia.....1161

Impact of the Transboundary Transport of Air Pollutants on Air Quality in Spain

- M. G. Vivanco, I. Palomino, J. L. Garrido, M. Ángeles González, G. Alonso, F. Martín.....1167

Volatile Organic Compounds in Alberta, Canada Residences—Evidence from Community Surveys

- W. Kindzierski.....1176

Evaluation of the Implementation of a Low Emission Zone in Lisbon

- F. Ferreira, P. Gomes, A. C. Carvalho, H. Tente, J. Monjardino, H. Brás, P. Pereira.....1188

Biogenic Isoprene and Its Impact on Human Health in Dependence on Meteorological Conditions

- S. Henninger.....1206

Comparing the Adequacy of Some Non-Homogeneous Poisson Models to Estimate Ozone Exceedances in Mexico City

- J. A. Achcar, J. M. Barrios, E. R. Rodrigues.....1213

Atmospheric Dry Deposition in the Proximity of Oil-Fired Power Plants at Mexican Pacific Coast

R. M. Cerón, J. G. Cerón, C. Aguilar, C. Montalvo, C. Carballo, B. Cárdenas, A. Ortiz, M. Cocom, J. Carrillo.....1228

Residue Placement and Rate, Crop Species, and Nitrogen Fertilization Effects on Soil Greenhouse Gas Emissions

J. Wang, U. M. Sainju, J. L. Barsotti.....1238

Survival Analysis of Victims of Sulfur Oxide Air Pollution Suffering from COPD or Asthma in Yokkaichi, Japan, in Relation to Predisposing Exposure

P. Guo, K. Yokoyama.....1251

Review of Air Dispersion Modelling Approaches to Assess the Risk of Wind-Borne Spread of Foot-and-Mouth Disease Virus

K. Prueksakorn, T. Kim, S. Kim, H. Kim, K. Y. Kim, W. Son, C. Vongmahadlek.....1260

Driving Cycle for Motorcycle Using Micro-Simulation Model

R. Kumar, B. K. Durai, P. Parida, W. Saleh, K. Gupta.....1268

The figure on the front cover is from the article published in Journal of Environmental Protection, 2012, Vol. 3, Special Issue, pp. 1167-1175 by Marta G. Vivanco, *et al.*