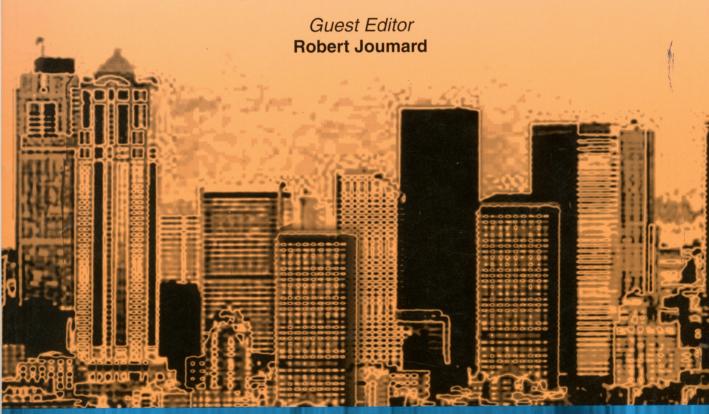


# ATMOSPHERIC ENVIRONMENT

Special Issue: 12th International Symposium, Transport and Air Pollution, Avignon, France, 16–18 June 2003



#### **CONTENTS**

## Special Issue

## 12th International Symposium, Transport and Air Pollution, Avignon, France, 16–18 June 2003

### Guest Editor

#### Robert Joumard

R. Joumard	2339	Editorial 12th International Symposium, Transport and Air Pollution, Avignon, France, 16–18 June 2003
J.A. Gillies, V. Etyemezian, H. Kuhns, D. Nikolic and D.A. Gillette	2341	Effect of vehicle characteristics on unpaved road dust emissions
A.W. Gertler	2349	Diesel vs. gasoline emissions: Does PM from diesel or gasoline vehicles dominate in the US?
A. Georgakaki, R.A. Coffey, G. Lock and S.C. Sorenson	2357	Transport and Environment Database System (TRENDS): Maritime air pollutant emission modelling
M.C. Coelho, T.L. Farias and N.M. Rouphail	2367	A methodology for modelling and measuring traffic and emission performance of speed control traffic signals
J.J.N. Lingard, A.S. Tomlin, A.G. Clarke, K. Healey, A.W.M. Hay, C.P. Wild and M.N. Routledge	2377	A study of trace metal concentration of urban airborne particulate matter and its role in free radical activity as measured by plasmid strand break assay
L. Graham	2385	Chemical characterization of emissions from advanced technology light-duty vehicles
P.S. Kanaroglou, M. Jerrett, J. Morrison, B. Beckerman, M.A. Arain, N.L. Gilbert and J.R. Brook	2399	Establishing an air pollution monitoring network for intra- urban population exposure assessment: A location-allocation approach
M. André, B. Garrot, Y. Roynard, R. Vidon, P. Tassel and P. Perret	2411	Operating conditions of buses in use in the Ile-de-France region of France for the evaluation of pollutant emissions
M. Giugliano, G. Lonati, P. Butelli, L. Romele, R. Tardivo and M. Grosso	2421	Fine particulate (PM2.5–PM1) at urban sites with different traffic exposure
M. Weilenmann, P. Soltic, C. Saxer, AM. Forss and N. Heeb	2433	Regulated and nonregulated diesel and gasoline cold start emissions at different temperatures
D. Ajtay, M. Weilenmann and P. Soltic	2443	Towards accurate instantaneous emission models
M. Van Poppel and G. Lenaers	2451	Real life evaluation of the emission reduction potential of a city bus retrofitted with a continuous regenerating trap
B. Brousse, B. Vidal, X. Ponticq, G. Goupil and R. Alary	2459	Pollution dispersion at an urban motorway tunnel portal: Comparison of the small-scale predictive study with the actual conditions measured on the site
JP. Nicolas, F. Duprez, S. Durand, F. Poisson, PL. Aubert, M. Chiron, Y. Crozet and J. Lambert	2475	Local impact of air pollution: lessons from recent practices in economics and in public policies in the transport sector

Contents continued overleaf

#### Contents continued

- R. Rijkeboer, D. Bremmers, Z. Samaras and L. Ntziachristos
- R. Joumard
- C.A. Colberg, B. Tona, G. Catone, C. Sangiorgio, W.A. Stahel, P. Sturm and J. Staehelin
- 2483 Particulate matter regulation for two-stroke two wheelers: Necessity or haphazard legislation?
- 2491 The stakes of air pollution in the transport sector, from the French case
- 2499 Statistical analysis of the vehicle pollutant emissions derived from several European road tunnel studies
  - I List of forthcoming papers

Cirect

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



Available online at www.sciencedirect.com

SCIENCE DIRECT.

ISSN 1352-2310

39(13) 2339–2512 (2005)