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- 14 R. Smit and J. McBroom**
Development of a new high resolution traffic emissions and fuel consumption model for Australia and New Zealand – Model application

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Permafrost melt poses major climate change threat
A between the covers exposé of house dust mites
Europe's air quality improving, data shows
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Evaluation of costs of adaptation to climate change published
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Technical Articles

- 17 A. Venkatram and W. Qian**
Regulatory modelling: Current and future issues
A regulatory model has to meet special criteria for acceptance because it is governed by a legal framework. One of the most important is that concentration estimates from the model have empirical support through evaluation with observations under a variety of situations relevant to regulatory applications. This paper examines two situations in which current models have difficulty meeting this criterion.
- 23 Measurement Special Interest Group Established**
- 24 A. P. (Ton) van Harreveld**
Connecting community, industry, regulatory and scientific responses to nuisance and air quality issues
This paper highlights the relevance to public health of environmental stressors that can cause nuisance, especially noise and odours. Environmental stressors can lead to localised conflicts of interest, involving as stakeholders: the operator, the community, the regulator and the consultant/scientist. Each has to play their part in finding a balanced solution, acceptable or bearable to all.



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Deadlines for Copy

Closing date for finalised editorial material is first day of the month prior to month of issue. Six weeks may be required for refereeing of Technical Articles.

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Technical Articles continued...

29 P. Newman

Clean, green cities beckon...

Clean, green cities have been the agenda of the Clean Air Movement for over a century. This paper picks up on the imminent demise of the internal combustion engine automobile and suggests how much cleaner and greener cities can emerge. This vision for change is seen as being an essential part of the next technological era and early signs beckon us towards its rapid emergence.

35 P. A. Solomon and N. H. Frank

A review of advancements in particulate matter sampling and analysis and its application to identifying source impacts at receptor locations

Time-integrated (typically 24-h) filter-based methods form the underpinning of our understanding of the fate, impact of source emissions and impacts at receptor locations, and potential health and welfare effects of particulate matter (PM) in air. Significant progress has occurred in the development and evaluation of continuous and semi-continuous methods that combine the collection and chemical or physical property analysis into one instrument. The discussion focuses on current measurement methods with a focus on continuous measurements, and applications to modelling source contributions.

43 CASANZ Awards at the Conference Dinner

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Editor's note

Corrections to August Issue

In the article on traffic modelling by Smit and McBroom, in Table 1, the fifth item in the Variable column should be "Delta power over the last nine seconds in time", not three seconds as stated.

The affiliation for the authors Mueller, Pollack and Sichlau, listed at the end of the article about environmental risk assessment, should be GHD Proprietary Ltd, L8, 180 Lonsdale Street, Melbourne, VIC 3000, not as listed.

All photographs of people in this issue are courtesy of Jo Raven and Carolyn Chin from Mycologia Pty Ltd or Peter Rye from DEC, Western Australia.

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OUR COVER

The display area at the Perth conference was a busy area during breaks and social events. There was much discussion and informal networking, a major component of the conference, and considerable interaction with the companies providing the displays. Photo courtesy of Jo Raven of Mycologia Pty Ltd.



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