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IARC Scientists Reassess Carcinogenicity Of Asbestos, Beryllium, Nickel, Silica Dusts And Others

Technical Articles

- 19 P. Hurley, M. Edwards, and A.Luhar**
Evaluation of TAPM V4 for several meteorological and air pollution datasets

This paper outlines and evaluates the improvements made to CSIRO's meteorological and air pollution model TAPM between V3 released in May 2005 and the latest version (V4) that was released in October 2008. Various improvements to the model science are described, including changes to the modelled vegetation, soil, momentum fluxes and turbulence calculations. The results show that TARM V4 performs well for a variety of locations for predictions of meteorology and annual extreme (high) concentrations.



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Editor

Associate Professor Howard Bridgman
School of Environmental and Life Sciences
University of Newcastle NSW 2308
Tel: 61(0)2 4921 5093, Fax: 61(0)2 4921 5877
Email: howard.bridgman@newcastle.edu.au

Editorial Board

A/Prof Howard Bridgman, Kirsten Lawrence,
A/Prof David Doley, Neil Gimson,
A/Prof Stephen Wright, John Leeder,
Dr Peter Manins, Prof Peter Nelson,
Louise Wickham, A/Prof Frank Murray,
A/Prof Simon Kingham

Environment and Industry News

Dr Wendy Barron
Tel: 61(0)7 3255 0365
Email: wbarron@ronatkinson.com.au

Advertising

Dr Arlie McQueen
PO Box 1186
Surrey Hills North, Vic 3127
Tel: 61(0)3 9836 2372, Fax: 61(0)3 9836 2372
Email: executive@casanz.org.au

Design

Jodie McLean
Tel: 61(0)417 380 665
Email: jodie@bookprinter.com.au

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25 **U. Meier**

Insights from New Zealand's attempt to incorporate agriculture into an emissions trading scheme

New Zealand will be the first country to incorporate agriculture into an emissions trading scheme. The inclusion of the sector into the scheme is necessary since it is the source of approximately half of the nation's greenhouse gas emissions. To alleviate equity concerns however, the government should address two key areas in its proposals for agriculture in the scheme.

31 **G. Mueller, T. Pollock and B. Sichlau**

A proposed methodology for environmental risk assessment

This paper considers the relevant factors to consider in an ERA for the case of odour emissions and presents a simple methodology for an Environmental Risk Assessment based on the AS/NZS 4360 – 2004 Risk Management standard. Outstanding issues are discussed and some case studies where this methodology has been used are presented. Application relates to the proposed Protocol for Environmental Management to be introduced by the Victorian EPA.

36 **New Sustaining Members List**

Editor's note

I am pleased to announce that *Air Quality and Climate Change* is now on-line with RMIT e-Library. If your organisation subscribes to RMIT e-Library, you may access electronic copies of the February and May issues.

CASANZ is pleased to welcome Dr Gerda Kuschel, Emission Impossible Ltd, NZ, as its latest Fellow.

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OUR COVER

A quiet rural scene on the South Island of New Zealand. Agriculture provides half the carbon emissions in New Zealand, especially from sheep and other livestock. New Zealand will be the first country to incorporate agriculture into a carbon emissions trading scheme (ETS). The article by Meier, on page 25, addresses equity issues that should be considered when including agriculture into ETS.



President

Gavin Fisher
Endpoint Ltd
Box 37 656, Parnell
Auckland, New Zealand
Tel: 64 21 364 964, Fax: 64 9 368 1408
Email: president.exec@casanz.org.au

Immediate Past President

Dr Gerda Kuschel
Emission Impossible Ltd
PO Box 96 086, Balmoral,
Auckland 1342, New Zealand
Tel: 64 9 629 1435 or 64 21 2700 639
Mob: 021 482 512

Secretary

Ms Janet Petersen
Auckland Regional Council
Private Bag 92-012
Auckland, New Zealand
Tel: 64 9 366 2000, Fax: 64 9 366 2155
Email: secretary.exec@casanz.org.au

Treasurer

Ms Barbara Veluppillai
PO Box 191
Eastwood NSW 2122
Tel: 61(0)2 9995 5124(w), Fax: 61(0)2 9649 8768(w)
Mobile: 61 0447 564 693
Email: treasurer.exec@casanz.org.au

Executive Director

Dr Arlie McQueen
PO Box 1186
Surrey Hills North, VIC 3127
Tel: 61(0)3 9836 2372, Fax: 61(0)3 9836 2372
E: executive@casanz.org.au

Administration

Ms Vicki Callaway, CASANZ Office
70 Olinda-Monbulk Road, Olinda, VIC 3788
Tel: 61(0)3 9751 0393, Fax 61(0)3 8677 1775
Email: admin@casanz.org.au

SPECIAL INTEREST GROUPS (SIGs):

Greenhouse

Chair: Dr Helen Murphy
VicRoads
60 Denmark Street
Kew, VIC 3101
Tel 61(0)3 9854 2585 Fax: 61(0)3 9853 0341
Email: helen.m.murphy@roads.vic.gov.au

Indoor Air

Chair: Dr Heike Neumeister-Kemp
Mycologia Australia Pty Ltd
Unit 1, 454 Scarborough Road
Osborne Park WA 6017
Tel: 61(0)8 9443 8755(w), Fax: 61(0)8 9443 8727(w)
Email: indoorair.sig@casanz.org.au

Modelling

Chair: Dr Owen Pitts
Air Assessments
23 Lexington Avenue, Canning Vale, WA 6155
Tel: 61(0)8 9256 3004, Fax: 61(0)8 9256 3004
Email: modelling.sig@casanz.org.au

Odour

Chair: Roger Cudmore
Golder Associates (NZ) Ltd
PO Box 1762, Christchurch, NZ
Tel: 64 (0)3 374 6774, Fax: 64 (0)3 374 6775
Email: odour.sig@casanz.org.au

Risk Assessment

Chair: Dr Lyn Denison
Environmental Protection Agency Victoria
Melbourne, Victoria
Tel: 61(0)3 9695 2570, Fax: 61(0)3 9695 2578
Email: risk.sig@casanz.org.au

Measurement SIG

Chair: Frank Fleer
Golder Associates Pty Ltd
50 Burwood Road, Hawthorn, Victoria 3122
Tel: 61(0)3 8862 3500, Fax: 61(0)3 8862 3501
Email: measurement.sig@casanz.org.au