

# Register Now for the Australian Disaster Conference 1999

**R**egistrations for the *Australian Disaster Conference 1999*, to be held at the National Convention Centre in Canberra from 1-3 November, are **now** open.

The conference, with the theme of *Disaster Prevention for the 21<sup>st</sup> Century*, is being hosted by the Australian Coordination Committee for the International Decade for Natural Disaster Reduction (IDNDR).

The Chair of the Committee and Director General of Emergency Management Australia, Mr Alan Hodges, said this landmark 3-day conference would act as a catalyst for establishing a program for disaster prevention for the 21<sup>st</sup> Century.

The conference, with sponsors the Australian Geological Survey Organisation, the Bureau of Meteorology, EMA, AUSLIG, and AON Re Australia and partners the Institution of Engineers and AURISA offers:

- keynote and shorter presentations on a wide range of hazards by emergency management practitioners, policy-makers and researchers

- open forums
- interactive discussions
- poster sessions.

Mr Hodges said all sessions would emphasise the importance of disaster mitigation, community participation, duty of care obligations, and the roles of government, non-government and private organisations, and the general community.

'The conference provides an unique opportunity for a wide cross-section of the emergency management community to present their ideas and to influence the course of emergency management in Australia in the next millennium', Mr Hodges said.

## Registration fees

All bookings for the conference should be made by 1 October 1999.

Registration is \$495. Special rates may be offered to full-time students.

To receive your *Australian Disaster Conference 1999* registration brochure, which includes the registration form, contact:

Conference Logistics  
PO Box 505  
Curtin ACT 2605, Australia  
Phone: +61 (0)2 6281 6624  
Fax: +61 (0)2 6285 1336  
Email: [conference@conlog.com.au](mailto:conference@conlog.com.au)  
or visit the conference web site:  
[www.ema.gov.au/conference.htm](http://www.ema.gov.au/conference.htm)

## Conference aims

- To provide a forum for all those dealing with disasters to review the current position of disaster management
- To establish where emergency management should be in the 21<sup>st</sup> century in terms of disaster prevention
- To identify significant gaps in knowledge and required actions and strategies to reach that position.

**Mon 1 Nov 1999**

### 0900-0910 Welcome address

Mr Alan Hodges, Director-General, EMA and Chair, Australian IDNDR Coordination Committee

### 0910-0930 Official opening

### 0930-1030 Keynote speaker

Mr Philippe Boullé, Director, United Nations IDNDR Secretariat

### 1100-1230 Managing risk at Local Government level

**The application of the Australian Emergency Risk Management Standard applied to bush fire management in NSW - a case study** Debbie Pinfold, NSW Rural Fire Service, Stuart Midgley, NSW Rural Fire Service Association, Paul Demar, State Forests of NSW

**How far do bushfires penetrate urban areas?** Andrew Ahern, Aon Re Worldwide, Mark Chladil, Tasmania Fire Service

**Recognition and responsible development of unstable land** Ingles, O.G., Pedersen, A.M., Owen Ingles Pty Ltd

**Flash flood warning services - what the Bureau can do for you** Hugh Bruist, Bureau of Meteorology

**Reducing tropical cyclone impacts: The Tropical Cyclone Coastal Impacts Program (TCCIP)** Rex Falls, Bureau of Meteorology, Ann Henderson-Sellers, Australian Nuclear Science & Technology Organisation, Greg Holland, Bureau of Meteorology Research Centre, Rod McKinnon, Emergency Management Australia, Lesley Galloway, Queensland

Department of Emergency Services, Kendal McGuffie, University of Technology, Sydney

### Cyclone risk assessment of houses in North Queensland

David Henderson, Greg Reardon, Cyclone Structural Testing Station

### Tropical cyclone awareness and preparedness in Northern Australia's tourist industry

Linda Berry, James Cook University of North Queensland

### Assessing Geohazards Risk

**Models for seismic hazard assessment in Australia** Kevin McCue, C Sinadinovski, M Somerville, AGSO Seismological Centre

**Monitoring of geological hazards in New Zealand** Robin Falconer, Institute of Geological and Nuclear Sciences Ltd

**Applications of the uniform-hazard site-specific acceleration response spectrum in Pacific cities** M Regnier, IRD Noumea, G Shorten, SOPAC Suva, A Shapira, Geophysical Institute of Israel

**Earthquake mitigation strategies in Australia and IDNDR RADIUS** Jack Rynn, Centre for Earthquake Research in Australia, Brisbane, Kenji Okazaki, United Nations IDNDR Secretariat, Geneva

### 1400-1445 Keynote Speaker

Bruce Esplin, Victorian Department of Justice

**1450-1530 Insuring for Risk**

**Risk assessment from a global viewpoint** Sven Ehrlicher, Munich Reinsurance Company

**Flooding risk assessment and application in underwriting** Hao-Ming Zhou, ERC Asia Pacific Pty Ltd, Singapore

**Involving the community in Disaster Reduction**

**Involving citizens in hazard mitigation planning: Making the right choices** Raymond Burby, University of New Orleans

**Community participation in disaster management** N A Karanci, B Aksit, Middle East Technical University, Turkey

**Assessing Geohazards Risk (continued)**

**Mitigation Measures for Tsunami in Australia and its Island Territories** Jim Davidson, Bureau of Meteorology, Jack Rynn, Centre for Earthquake Research in Australia

**Tsunami disaster at Sissano, Papua New Guinea: In search of the cause and assessing the risk by multibeam sonar and remotely operated vehicle** Peter Hill, Kevin McCue, Australian Geological Survey Organisation, Wilfred Lus, Research School of Earth Sciences, ANU

**1600-1700 Developing hazard vulnerability indices**

**A new damage intensity scale: Australian experience** Russell Blong, Natural Hazards Research Centre, Macquarie University

**0900-0945****Keynote speaker**

Ken Granger, Director, Cities Project, Australian Geological Survey Organisation

**0950-1030 Applying technology to risk assessment**

**Floodplain inundation risk model** Laraine Hunter, Russell Blong, Natural Hazards Research Centre, Macquarie University

**Risk-GIS: Assessing the risk with visualisation** Greg Scott, Ken Granger, Trevor Jones, Marion Leiba, Australian Geological Survey Organisation

**Reducing disasters through the school curriculum**

**Making a deep impact – awareness in schools** Susan Rogers, Nelson-Tasman Emergency Management Office, New Zealand

**Disaster prevention – education is the key** Gary Lewis, Australian Geological Survey Organisation

**Reducing and responding to disasters in the Sth Pacific**  
**Incorporation of mitigation strategies into Pacific national government and non-government systems**  
Atu Kaloumaira, Disaster Management Programme, UNDP/SOPAC, Fiji

**Water – Too Little, Too Much; Fiji's recent experiences of drought and flood** A Tuifagalele, National Disaster Management Office, Fiji

**1100-1230 Applying technology to risk assessment (cont.)****What is the earthquake risk in Australian cities?**

Trevor Jones, Ken Granger, Greg Scott, Australian Geological Survey Organisation

**New approaches to assessing community vulnerability and resilience** Philip Buckle, State Emergency Recovery Unit  
**Composite Vulnerability Indicator (CVINDICATOR): a dynamic tool for urban planning through Multi Hazard Vulnerability Analysis Approach**

Ruffina S Thilakaratne, Faculty of Architecture, University of Hong Kong

**Involving the community in disaster reduction – Bushfire**

**Understanding community responses to the threat of disaster** Samantha Reinholdt, Alan Rhodes, CFA

**Community preparedness for the threat of disaster** Samantha Reinholdt, Alan Rhodes, CFA

**Community response to a bushfire threat** Patricia Brennan, CESARE, Victoria University of Technology

**Responding to disasters – the Human Point of View**

**Fire? What about my patient?** Melissa Neary, Redcliffe Hospital

**Registration and inquiry – where to from here?** Roberta Liddell, Australian Red Cross

**Katherine 1998: Appeals and self-sufficiency – lessons for the future** Bill Wilson, Australian Red Cross

**Spatial data issues** Rick McRae, ACT Emergency Services Bureau

**Satellite remote sensing for flood mapping** Adrya Kovarch, David Moore, Geo Mapping Technologies Pty Ltd

**Postmortem: lessons learnt from a hazardous GIS research project** Andre Zerger, University of Melbourne

**Reducing disasters through community awareness and education**

**The future of education and training in Emergency Management** Dudley McArde, Emergency Management Australia

**Collaborative research on public education needs produce initial results** Barry Wallace, Manukau City Council, David Allen, Auckland City Council, Ian Wood, Auckland Regional Council, Curt Christiansen, Kowhai Communications, New Zealand

**The appraisal of information material on disaster preparedness** Bernd Rohrmann, University of Melbourne

**A social marketing framework for the development of effective public awareness programs** Joan Young, Colmar Brunton Social Research

**Reducing landslide and hail risk**

**Quantitative landslide risk assessment of Cairns, Australia** Marion Michael-Leiba, Greg Scott, Australian Geological Survey Organisation, Fred Baynes, Consulting Engineering Geologist

**Geotechnical management of 148 landslides triggered by a major storm event in Wollongong** P Flentje, R Chowdjury, University of Wollongong

**Hailstorm risk assessment in NSW** R Leigh, I Kuhnelt, Natural Hazards Research Centre, Macquarie University

**Tues 2 Nov 1999**

**Hailstorm risk assessment in rural NSW** Heather McMaster, Natural Hazards Research Centre, Macquarie University

**1400-1500 Plenary session**  
**National mitigation strategies**

**1540-1700 Applying technology to risk assessment (cont.)**

**Improving the accessibility of emergency management information** Jonathon Root, Greg Scott, Australian Geological Survey Organisation

**Uses and limitations of socio-economic indicators in measuring vulnerability to natural hazards** David King, James Cook University, Townsville and Cairns

**The use of remote sensing and GIS technology by NSW Agriculture for emergency management** P Worsley, J Bowler, D Freckelton, I McGowen, U Pradhan, R Roger, M Worsley, NSW Agriculture

**The development of dynamic and integrated expert system to help communities to cope with disaster** J Cross, A Green, V Z Lu, University of NSW

**Wed 3 Nov 1999**

**0900-0945 Keynote Speaker**

John Zillman, Director, Australian Bureau of Meteorology and President, World Meteorological Organisation

**0950-1030 Applying technology to community disaster awareness**

**Disaster information on the Web: providing an efficient index to current and reliable information** E B Joyce, VIEPS, University of Melbourne

**Learning from the Newcastle experience – Information resources for earthquake awareness** Ajita Lewis, Newcastle Region Library

**Outsourcing, corporatisation, privatisation and risk**

**Privatising warning and response services** John Handmer, Middlesex University

**Reducing volcano risk – the New Zealand Experience**

**Recovering from disaster: pre-event policy considerations** Steven Jensen, Wellington Emergency Management Office, New Zealand

**Community vulnerability to volcanic hazard consequences** Marian Millar, Douglas Paton, Massey University, David Johnston, Institute of Geological and Nuclear Sciences, New Zealand

**1100-1230 Community disaster awareness – international case studies**

**Community-based earthquake hazard mitigation: some Middle Eastern perspectives** Martin Degg, University College Chester, UK

**Raising awareness of natural disaster in Third World communities: a case study from Egypt** Jacqueline Homan, University of Birmingham, UK

**Bhopal gas tragedy: could it have happened in a developed country?** J Gupta, Indian Institute of Technology, India

**Reducing flood risk**

**A review of Australian flood disaster in 1998** Stephen Yeo, Natural Hazards Research Centre

**Floodplain management reform in Victoria and the development of the State Flood Strategy** Ian Gauntlett, Department of Natural Resources & Environment, Victoria

**How to capture the benefits of a flood warning?** C Wright, Bureau of Meteorology, Adelaide, D Smith, CRES, Australian National University

**Analysis of insurability for flood** George Walker, Aon Re Australia

**Preparing for Response – the Emergency Management View**

**Managing the paradox of disasters** Christophe Roux-Dufort, EDHEC Graduate School of Management, France

**Post Disaster Assessment – A key element in disaster response** Joe Barr, Pacific Emergency Management Associates Pty Ltd

**Linking the three 'R's of Risk, Resources and Response** Stuart Ellis AM, South Australian Country Fire Service

**An information-based model for emergency management** Savyesh Gupta, NSW Fire Brigades

**Education and training for disaster prevention and impact reduction in India** D P Singh, PSS Central Institute of Vocational Education, India

**Responsibilities for continuity planning for businesses and service providers**

**Assessment of geohazards and associated risks for contingency planning** P Itiogen, Papua New Guinea University of Technology

**Results of the Macquarie 1999 Survey of Business & Computer Contingency Planning in Australia** David Musson, Ernest Jordan, Graduate School of Management, Macquarie University

**The buck stops here: a plan for recovery** Heather Mansell, State Library of New South Wales

**Preventing disaster by building a risk-prevention ethic into corporate governance** Rick Sarre, University of South Australia, Meredith Doig, RMIT

**Reducing risk – other hazards**

**Reducing the impact of major droughts in the Indonesian-Australian Region through the monitoring of atmospheric pressure anomalies in the preceding year** David Stephens, Agriculture Western Australia, Mal Lamond, Weather Services

**The aliens are here** Richard Sharp, Environment Australia

**Advances in fire design of public buildings in Australia** Philip Sanders, Steel Reinforcement Institute of Australia

**Civil protection against incident involving weapons of mass destruction** John Houpt, Joint Applications Development Enterprises International, USA

**1400-1545 Forum on the future – directions and research priorities for disaster prevention in the 21<sup>st</sup> Century**