

Cost of Fire

Bringing together leaders in fire research and management to better understand the cost of fire on the Australian economy

SYDNEY: Tuesday 29 & Wednesday 30 May 2007, WatersEdge, Pier One, Sydney

Plus special ½-day afternoon workshop – Arson Profiling – led by Dr Rebekah Doley

DAY 1 - Tuesday 29 May

- 8.20am Registration and coffee
- 8.50am Welcome and Chair's Introductory Remarks
Kevin O'Loughlin, Chief Executive Officer, **Bushfire CRC**
- 9.00am THE INSURANCE LANDSCAPE AND CLIMATE CHANGE
- How will risk be quantified in the predicted conditions?
 - Affordability of insurance
 - high risk regions
 - cover concerns
 - Increased reliance on weather pattern modeling to determine insurance premiums
 - The move from historical models to future pricing models
- Bill Peck**, General Manager, Risk & Compliance, **Aon**
- 9.40am INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE REPORT
- What progress have we made in understanding the impact of climate change?
 - Assessing scientific, technical and socio-economic information relevant for the understanding of climate change
 - Observing the Earth – What is the information telling us?
 - Climate trends over the past 100 hundred years – Are we only in a natural cycle of warming
- Professor Andy Pitman**, University of New South Wales
- 10.20am FIRE FREQUENCY AND FEROCITY – CLIMATE CHANGE IMPACT AND ADAPTATION
- Increase frequency and intensity of natural disasters – more bushfires
 - 20th and 21st century changes in Australian climate
 - Changes in south-east Australian fire-weather risk
- Kevin Hennessy**, Acting Head, Climate Impacts & Risk Group, **CSIRO Marine and Atmospheric Research**
- 11.30 am COST OF FIRE ON AUSTRALIAN ECONOMY
- Annual injuries, fatalities and material damage
 - Cost of business interruption and disruption
 - Property and industrial damage costs
- Brian Ashe**, Risk Frontiers, **Macquarie University**
- 12.10 pm THE RISKS OF LIVING NEAR THE URBAN INTERFACE
- Quantifying the risk of bushfire to commercial and private property
 - Past and future trends of living near high risk areas
 - Identifying high risk areas and nature of threat
 - Working with insurance companies to identify and monitor high risk areas
- Ryan Crompton**, Catastrophe Risk Analyst, Risk Frontiers, **Macquarie University**
- 12.50pm Lunch
- 2.00pm PLANNING AND CONTROL MEASURES FOR BUILDING IN BUSH FIRE PRONE AREAS
- Release of the Planning for Bush Fire Protection 2006 by NSW Government
 - What are some of the significant changes to regulating development in bush fire prone areas?
 - Use of building materials, vegetation and other measures to mitigate impact of fires
 - Tighter controls on construction in high risk areas
 - Community Education – How should the community best prepare themselves and their property?
 - How will fire management strategies evolve to cope with increased severity?
- Low Short**, Manager Development Control, **NSW Rural Fire Service**
- 2.40 pm INSURANCE DISASTER RESPONSE TEAMS - LOSS ADJUSTERS AND THE LOSS ASSESSMENT
- The Adjuster's role and what is the profession's capacity to manage a large scale event?
 - Strategies for preparing policy holders in advance
 - Fraudulent claims
 - Smoke & other contamination damage – What are the impacts?
- Ian Lavin ANZIIIF (Fellow)**, **ACLA CIP**, Director **McLarens Young (Qld) P/L**, Catastrophe Manager Australia, **McLarens Young International**
- 3.20pm Afternoon tea
- 3.50pm UNDERINSURANCE AND NON-INSURANCE IN THE SMALL BUSINESS SECTOR
- Industrial and commercial business underinsurance – Trends and practices
 - Working with the business sector to tackle the problem
 - Unaffordability vs lack of knowledge
- Peter Jones**, Commercial Customer Development Manager Property, **Suncorp**
- 4.20pm ARSON – ANALYSING THE MIND OF A SERIAL ARSONIST
- Who does it, why and how can we best stop them?
 - Understanding why people commit antisocial acts
 - Pyromaniac vs serial arsonist
 - How best to educate the community in recognising and reporting arsonists
- Dr Rebekah Doley**, Consultant Psychologist
- 5.20pm Chairman's Closing Remarks
Kevin O'Loughlin, Chief Executive Officer, **Bushfire CRC**
- 5.30pm Close of Day 1



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DAY 2 - Wednesday 30 May

8.50am Chairman's Welcome Remarks

Ken Thompson, Deputy Commissioner, **New South Wales Fire Brigade**

9.00am REDUCING WATER PRESSURE

– WHAT ARE THE IMPLICATIONS?

Availability of water in street hydrants – how will this affect firefighting operations and future sprinkler system design?

- Environmentally sustainable development – Drop of water pressure vs sprinkler system effectiveness
- Redesigning and testing existing sprinkler systems to operate under water pressure reduction
- Compulsory mandate for smoke alarms

Commander Adam Dalrymple, Manager, Building Codes & Audits Department
Metropolitan Fire & Emergency Services Board

9.40am WATER PRESSURE REDUCTION IMPACT VS

ENVIRONMENTALLY SUSTAINABLE LIVING

Panel Discussion responding to the Water pressure Reduction presentation and debating environmental benefits and possible obstacles for firefighting operations and sprinkler system testing and design.

Commander Adam Dalrymple, Manager, Building Codes & Audits Department

Metropolitan Fire & Emergency Services Board
Sam Cuccurullo, Regional Director, Asset Services, Australia & NZ, **CB Richard Ellis**

David Snadden, Manager, Service Enhancement Water, **Yarra Valley Water**

10.20am Morning tea

10.50am FIRE MANAGEMENT FUNDING

– FIRE SERVICE LEVY AND ALTERNATE APPROACHES

- Abolishing the FSL – The WA experience
 - Community reaction
 - Government process
 - Impact on insurance premiums
- Alternatives for fire management funding

Dale Fulcher, Senior Project Officer,
Fire & Emergency Services Authority of WA

11.30am MATERIALS FLAMMABILITY AND FIRE RESISTANCE TECHNOLOGY

- Research and development of fire resistant materials for construction and building standards - Compulsory materials in bush fire prone areas
- Increased use of fire resistant materials and its cost
- Industrial and commercial fire resistant material research – Working with insurance companies
- Transport fire research

Vince Dowling, Team Leader, Material Flammability, Fire Science & Technology Laboratory,
CSIRO Manufacturing and Infrastructure Technology

12.10pm Chairman's Closing Remarks

Ken Thompson, Deputy Commissioner,
New South Wales Fire Brigade

SPECIAL BOOKABLE SEPARATELY AFTERNOON WORKSHOP

Arson Profiling Workshop

Presented by:

Dr Rebekah Doley, Consultant Psychologist

1.10pm Registration

1.30pm ARSON PROFILING WORKSHOP BRIEFING SESSION

1.45pm ARSON PROFILING WORKSHOP SESSION I

- Criminal behaviour analysis and how it applies to arson
- Uses and limitations for the investigator
- Spatial patterns in firesetting
- The Australian arsonist – who is it and why do they do it. Presenting information from a unique Australian national study into adult serial firesetting

3.15pm Afternoon tea

3.45pm ARSON PROFILING WORKSHOP SESSION II

- Motives for arson – examining the link between personal characteristics and crime scene features for:
 - Profit
 - Crime concealment
 - Vandalism fires
- The bushfire arsonist – comparing Australian data with international arsonist profiles – what do the differences tell us about how best to handle this problem?
- Interviewing methods

5.45pm Close

Arson costs the Australian community approximately \$600m per annum. In addition to targeting bush, arsonists also target schools, homes, commercial premises and motor vehicles.

This workshop, led by one of Australia's leading authorities on Arson, **Dr Rebekah Doley**, consultant psychologist, will have direct relevance to organisations with an interest in combating arson including the police and fire services, insurance companies, state forests, government departments involved in roads, transit, transport, education and local councils.

Researched and produced by



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REGISTRATION FORM

Yes, Please register the following delegate/s for

COST OF FIRE 1.5-day Conference

Registration fees: \$1,395 + GST = \$1,534.50

ARSON PROFILING 0.5-day Workshop

Registration fees: \$695 + GST = \$764.50

**BOTH COST OF FIRE & ARSON PROFILING
2-day Conference/Workshop**

Registration fees: \$1,795 + GST = \$1,974.50

Group Discounts: Three or more delegates registered on the one form from the one organisation, the registration fee is

COST OF FIRE CONFERENCE: \$1,255 + GST = \$1,380.50 ea

ARSON PROFILING WORKSHOP ONLY: \$ 595 + GST = \$654.50 ea

BOTH CONFERENCE & WORKSHOP: \$1,595 + GST = \$1,754.50 ea

(Photocopy for more registrations)

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Last name

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Organisation

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State

P/Code

Tel ()

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Dietary needs

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