

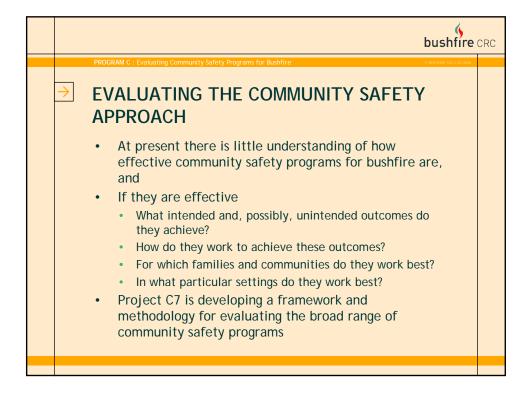


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THE COMMUNITY SAFETY APPROACH INCLUDES

- Community education programs and information campaigns for risk understanding and preparedness
- Community development programs that seek to utilise and/or further develop existing community infrastructure and capacity
- Programs for enhancing understanding and compliance with regulations and restrictions on the use of fire, fire prevention planning, land use planning, building codes and standards, and prescribed burning
- Activities and programs designed to provide timely information during fire emergencies



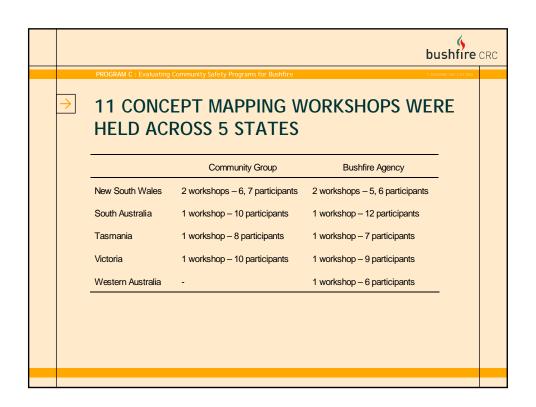


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STRUCTURED CONCEPT MAPPING

- One method for ascertaining community and agency views on the potential outcomes of community safety programs
- Developed by William Trochim of Cornell University
- The "Concept System" a computer-assisted tool that enables a group to
 - Assemble and organise its ideas on a topic
 - Represent these ideas visually as a two-dimensional 'map'
 - Discuss and amend the map to achieve a final agreed result





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GENERATION, SORTING AND RATING OF STATEMENTS

- Participants were asked to brainstorm ideas in response to the statement
 - Thinking as broadly as possible, generate statements that describe specific changes or improvements you think need to be achieved to make households and neighbourhoods safer from bushfires
- Statements were printed onto cards and participants were asked to sort the statements into piles "in a way that makes sense to you"
- Participants were then asked to rate each statement on scales from 1 to 5 for its importance and the difficulty of achieving it
- Each individual workshop generated between 34 and 60 unique statements that were finally organised into between 5 and 11 clusters



PROGRAM C : Evaluating Community Safety Programs for Bushfire





A TYPICAL LIST OF STATEMENTS GENERATED BY A WORKSHOP GROUP

- 1. Effective communication at times of a fire or a high fire risk (eg radio)
- 2. Local groups that can check individual household preparation and encourage proper preparation (eg at a street level)
- 3. Local resource people who can provide advice to others on practical things they can do to be better prepared
- 4. Community are educated to understand the BENEFITS of being fire safe
- 5. People understand the impact that not being fire-safe can have on them and the community
- 6. People at local (eg street) level receive advice and support from fire services about how to make their properties as safe as possible
- People need to be clear about whether they will stay or go based on a realistic understanding of their own circumstances and capacity
- 8. People are provided with clear information about things they need to consider in deciding to stay or go
- 9. Households have appropriate fire and evacuation plans
- Households that have decided to stay need a readily available list of things they need to do in case of a fire
- 11. People need to know safe places to go to in case they need to evacuate



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A TYPICAL LIST OF STATEMENTS GENERATED BY A WORKSHOP GROUP (cont.)

- People need to see how quickly things they do wrong can lead to devastating results (eg through graphic TV ads)
- People need to understand the circumstances under which they can be directed to leave their property and by whom
- 14. People have an independent water supply and means of pumping water if there is a power failure
- 15. People clear rubbish, leaves etc from their property
- 16. Where guidelines are issued to household they need to be appropriately specific about exactly what they need to do (eg pumps)
- People should be able to get an assessment of their property and situation, and get recommendations specific to them
- Councils provide information about importance of cleaning up when they inform residents of their collection services
- 19. Local brigades and planning bodies can help residents access the tradespeople and services they need in order to be properly prepared ('a one-stop-shop')
- Needs to be a register of people who have special needs in case of a fire (eg elderly, disabled)
- Residents know about people with special needs in their street/locality (eg elderly, disabled)
- 22. Adequate fuel reduction in ALL properties in a street



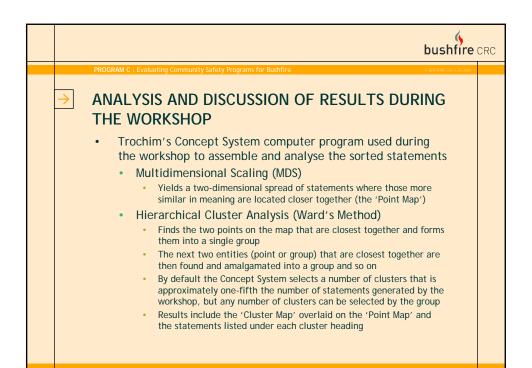
ROGRAM C: Evaluating Community Safety Programs for Bushfire

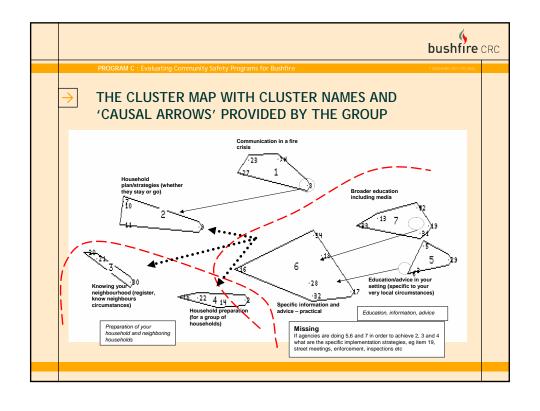
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A TYPICAL LIST OF STATEMENTS GENERATED BY A WORKSHOP GROUP (cont.)

- 23. People know about the rural fire service website and are able to use it (and the website is kept active and up to date)
- Communication during a crisis needs to be less haphazard and more locally precise (eg using local radio)
- 25. Need to have efficient ways for communities to provide information about fire behaviour to the fire services
- 26. Better two-way communication during a fire
- 27. In the case of a fire residents need to feel that lines of communication within the fire services are effective (and not blocked by internal squabbles)
- Need means of contacting owners of holiday properties to notify them of needs regarding clean-up and preparation
- 29. People are provided with education in their own setting (eg street meetings)
- 30. Better understanding of what neighbours have for fighting fires
- 31. People need to understand that they are likely to be on their own in case of a fire and may not have power, mains water etc
- 32. People maintain all the equipment that they need for fire protection
- 33. Agencies provide positive education (benefits of being fire safe) rather than negative education (don't do this)
- Information/education needs to focus on practical issues that people may not know



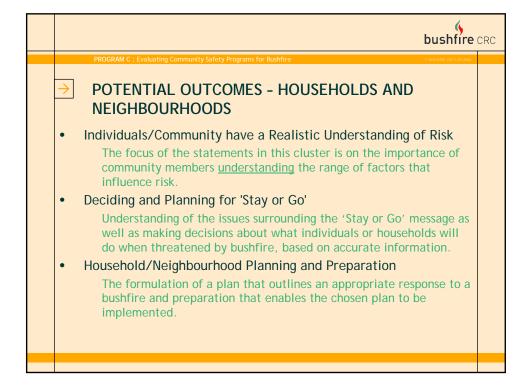




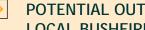


SYNTHESIS OF RESULTS

- Results from the individual workshops were combined by the research team in a workshop process that mirrored the cluster analysis strategy
- 14 general concepts identified
- Concepts described a wide range of desired outcomes at various 'levels' of impact
 - · Householder/Neighbourhood/Community
 - Local Bushfire and Other Agencies
 - Policy (Commonwealth/State Government, Central Agency)







POTENTIAL OUTCOMES, COMMUNITIES AND LOCAL BUSHFIRE AND OTHER AGENCIES

Neighbourhood and Community Networks and Partnerships

The majority of people are, in some way part of community networks. These networks will influence the capacity of communities to self-organise, and to work effectively with fire agencies, and other authorities. The networks will also influence community resilience and sustainability of community safety efforts.

Agency/Inter-Agency Responsibilities and Co-ordination

Two related, yet distinct concepts were identified within this cluster. The first relates to agency responsibilities for the community. The second relates to the intra-agency relationship between the operational branches of an agency and those concerned with community safety initiatives.

Appropriate Information/Education Activities

The provision of education, to a range of groups and using a number of different methods.

Community and Agency Responsibilities to Address Specific Needs

Statements in this cluster are related to very specific, local issues, offering practical solutions to identified problems.





POTENTIAL OUTCOMES, COMMUNITIES AND LOCAL BUSHFIRE AND OTHER AGENCIES - cont.

Agency/Community Interaction

The flow of information between agencies and the public, before an incident occurs, with the aim of increasing resident awareness of the risks posed by bushfire as well as encouraging preparation to mitigate those risks.

Effective Communication of Information during Bushfire

The majority of statements in this cluster are concerned with the way in which fire agencies deliver information to community members during a bushfire. Another element is to improve community safety from bushfire, systems need to be implemented that enable community members to communicate information to fire agencies, making use of local knowledge.

Greater Community Ownership and Responsibility for **Bushfire Safety**

> The statements in this cluster are about community members taking increased responsibility for their own safety, planning for themselves and the communities they belong to.



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POTENTIAL OUTCOMES - POLICY LEVEL

 Principles Underpinning Program Development and Adult Learning

The importance of creating an environment conducive to effective learning by adults.

Policy Framework for Agency and Organisational Roles

Ensuring the fire agencies implement appropriate policies and procedures to support community safety initiatives.

Use of Incentives to Achieve Preparedness

The use of incentives to encourage preparedness or, conversely, the use of penalties to discourage inappropriate or risky behaviour.

Understanding/application of Regulations for Bushfire Safety

The need for appropriate legislation to be put in place and enforced as well as ensuring community members and local governments understand why those laws are necessary.



ROGRAM C : Evaluating Community Safety Programs for Bushfire

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THE RESULTS OF STRUCTURED CONCEPT MAPPING CAN BE USED FOR

- Program Planning To provide an indication of the range of community safety outcomes that might be achieved and those that might be given the highest immediate priority
- Program Evaluation To provide general criteria for evaluation of all community safety initiatives
- Program Theory As a basis for the development of program logic models and program theories - a useful first step in planning and/or evaluation

