



*Warning Systems -  
the nexus between Technology and Sociology*

**Presented by Mr. Norm**

# *Presentation Overview...*

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- **Who is the community?**
- **What is their level of awareness?**
- **How can we better prepare the community?**
- **What do we prepare the community for?**
- **Partnership Case Studies - Encouragement  
Education  
Engineering  
Enforcement**
- **Value of Exercises**
- **Where to from here?**

# Victoria, Australia



# *The Municipality...*

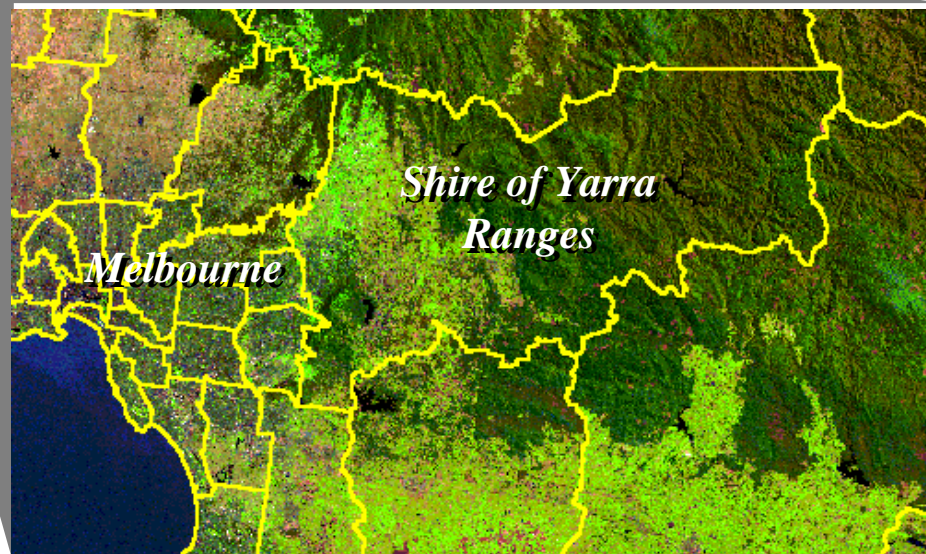
*Some information...*

*30km east of Melbourne CBD*

*Area: 2,500 km<sup>2</sup>*

*Population: Approx. 141,170*

*50 townships/small communities*





S H I R E  
*of* YARRA  
RANGES

# Ferny Creek Fire Alert Case Study



# Ferny Creek Fire Alert

## Community Newsletter..

### On The Alert

A series of newsletters were distributed to the Ferny Creek Residents by the Shire informing them of the trial's progress

Ferny Creek Fire Alert  
System Newsletter

11 January 2001  
Issue 2

Shire of Yarra Ranges

## On the Alert

### Monitoring the Effectiveness of the Ferny Creek Fire Alert Siren Trial

I would like to introduce myself to you. I am Robyn Betts, Project Officer with the Office of the Emergency Services in the Department of Justice. Alongside the continuing trial of the Ferny Creek Fire Alert Siren are activities to evaluate the siren's effectiveness. This evaluation is being undertaken in cooperation with the Ferny Creek Fire Alert Trial Committee of the Shire of Yarra Ranges.

Some of the questions being asked are:-

What are the benefits of the siren impacting on the community residents? What have been the results of the trial?

The activities are continuous throughout the project and that is why residents have been invited to attend the recent public meeting and door knock campaigns to complete a survey.

The evaluation process will undertake the evaluation process and this will include seeking the opinions and experiences of the residents by conducting brief interviews either through a door-knock or by telephone. The majority of the evaluation will probably take place after the siren has been trialed for three months. As expected, any contribution that you make to the evaluation will be confidential and your contribution will not identify you in any way.

Your willingness to contribute to the evaluation allows for your opinions and experiences to be expressed and documented and for the evaluation questions to be answered. The results of the evaluation report will be available to you and the results will contribute to emergency management and community safety projects in other localities around the state.

I look forward to meeting as many of you as I can during the next two to three months. If you have any questions about the evaluation please contact me on Tel. 9651 0028 or e-mail [robyn.betts@justice.vic.gov.au](mailto:robyn.betts@justice.vic.gov.au)

Regards  
Robyn Betts



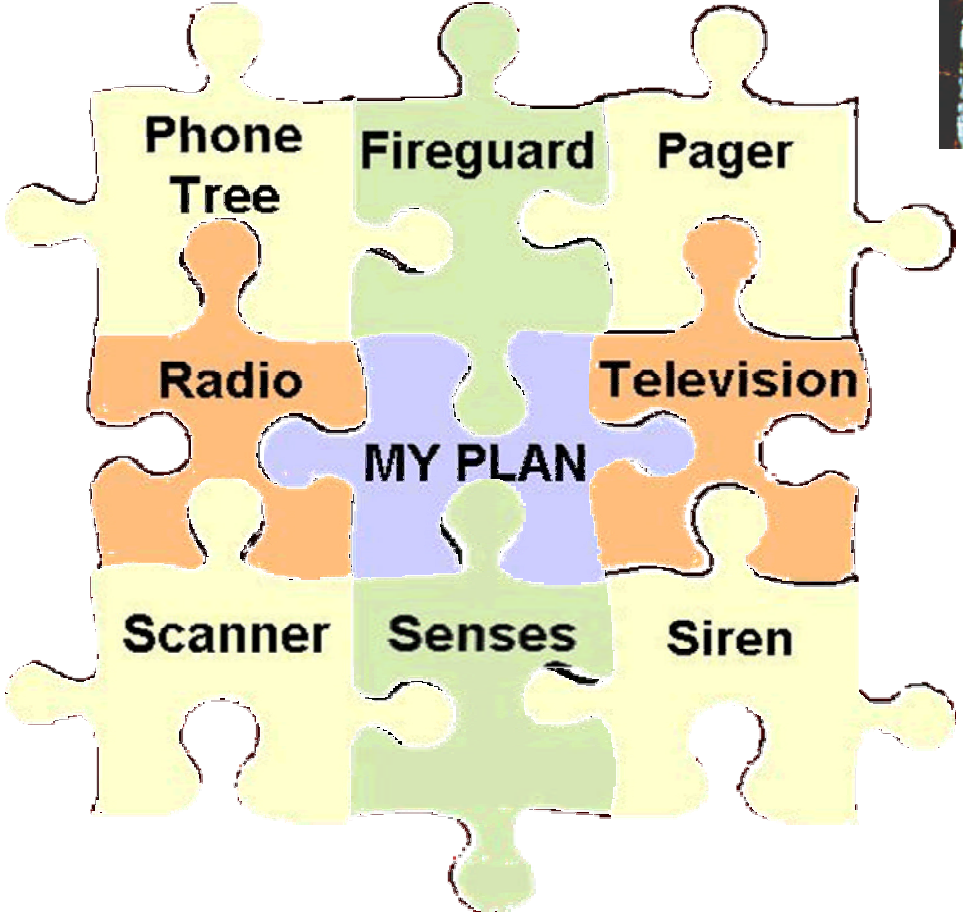
Department  
of Justice



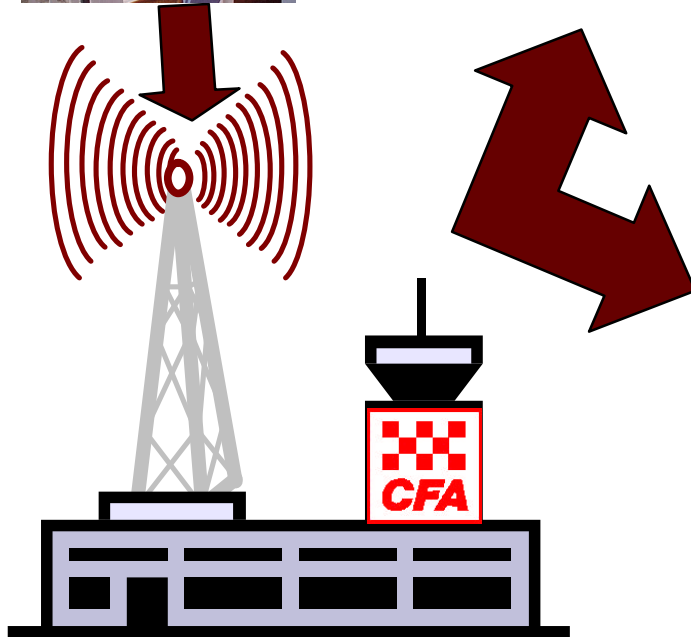
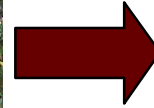
• Evaluating the  
Fire Alert Trial

• Testing Fire  
Alert Sirens

# Ferny Creek Fire Alert

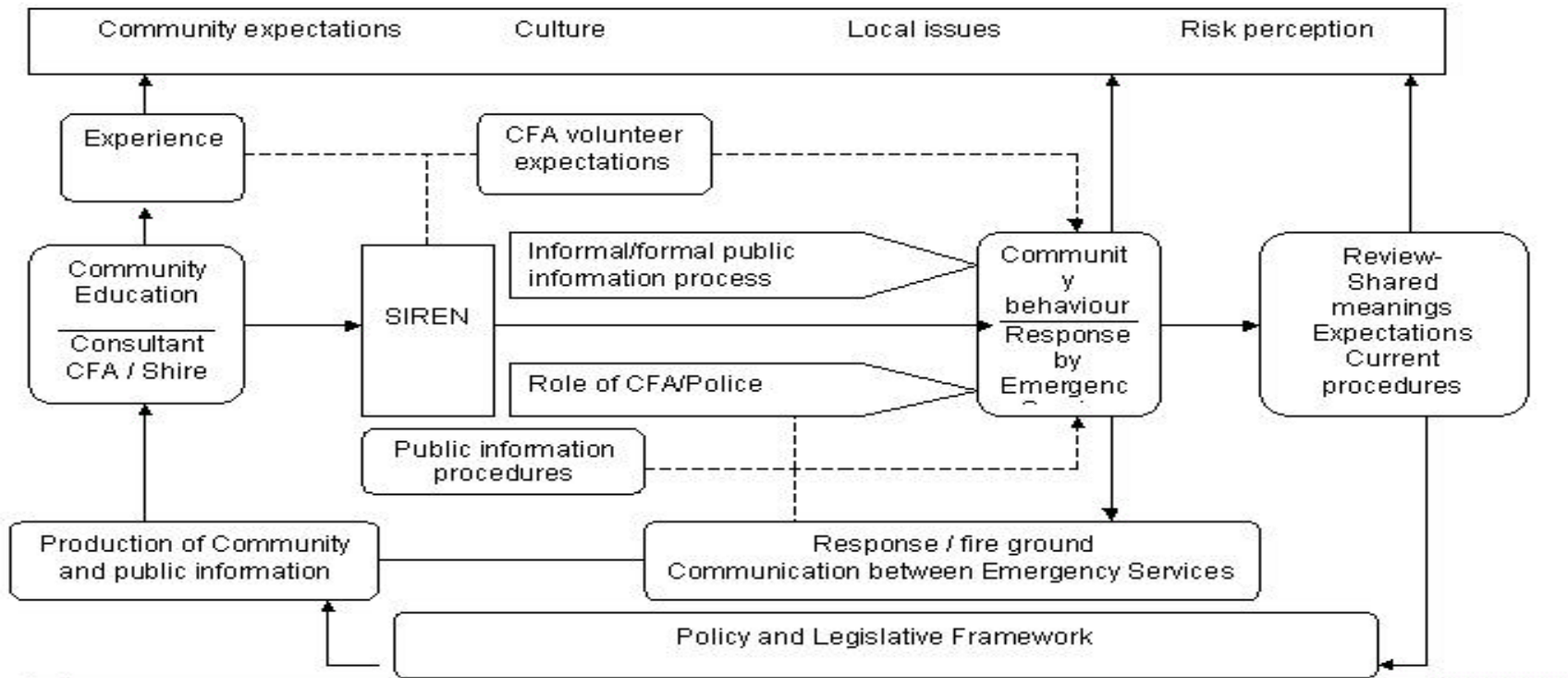


# Alert Siren Principles of Operation





# An Integrated Warning System



Source: Betts R 2002

# Blackwood Avenue Landslip Case Study



# *Primary Phase...*

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- ❖ **Shire engages geotechnical engineer for site assessment**
- ❖ **Natural Disaster Risk Management Studies Program Application - State/Federal Grant**
- ❖ **Grant Successful**
- ❖ **Installed Monitoring System**
- ❖ **Improve Drainage**

# Community Engagement Phase...

Study Demographics

Identify Target Audience

Prepare Newsletter

Conduct Door Knock

Forum at Local Venue

Enlist Monitors

The screenshot shows a community newsletter with the following content:

- Community Engagement - Monitoring - Program - Newsletter**
- 11th June 2022**
- Issue 1**
- Blackwood Avenue CLaMP**
- Welcome to the first edition of CLaMP - an online forum for your engagement and safety planning in the street.**
- YOUR INVITATION TO A LOCAL MEETING TO DISCUSS - WORLD-BREAKING RESEARCH ON THE BLACKWOOD AVENUE Landslip and to have the opportunity to give your opinion and be involved in a Landslip in our neighbourhood group.**
- Where - School**
- When - 11.30pm Monday 29th June 2022**
- Support provided**
- Working in Partnership towards Safer Streets - Vision 2024**
- In October 2021 the Council and Vision 2024 group discussed the need to develop a plan to reduce the risk of landslides in the street. This plan will be a key part of the Council's Vision 2024 plan and will be a key part of the Council's Vision 2024 plan.**
- There are two options for the plan. Option 1 is to have a plan that is based on the current situation. Option 2 is to have a plan that is based on the future situation. Option 2 is the preferred option as it will be more effective in the long term.**
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- In 2022, Vision 2024 group will be holding a meeting to discuss the plan. The meeting will be held at the school and will be open to all members of the community. The meeting will be held at the school and will be open to all members of the community.**
- History of Landslip in the Street**

Text |

# **The Blackwood Avenue Landslip Project: An example of maximising funding arrangements and forming partnerships with specialist agencies to engage a local community in emergency management**



# Challenges

- ✧ **The integration of emergency management with community safety**
- ✧ **Engaging the community**
- ✧ **Access to funding in a competitive marketplace**
- ✧ **Forming partnerships with private enterprise and industry**

# Conclusions

- ☺ **Partnerships provide access to specialist knowledge while spreading cost and workload**
- ☺ **Encouragement, education, engineering and enforcement produce a better prepared community**