

Research Adoption Group Discussion session

Rural Fire Research Workshop 2010



2010 Research Workshop

Reduction

- Fire danger communication
- Mitigation of human caused wildfires
- Fire prevention strategy/community interaction

Readiness

- Fire behaviour tools
- NZ fire growth simulation model
- Use of fire behaviour tools in planning
- Ignition thresholds for grass and gorse
- User Guide to the NZFDRS

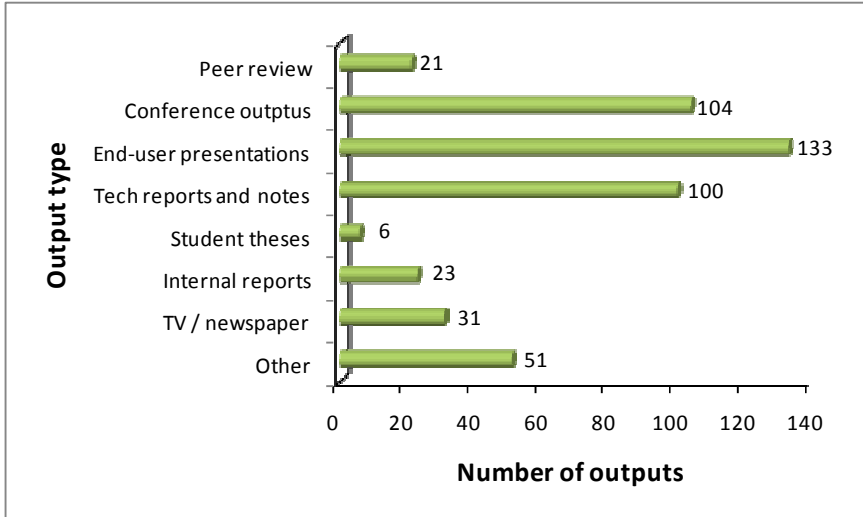
Response

- Firefighter workload/productivity
- Bushfire CRC aerial suppression research
- NZ productivity/effectiveness info - use and needs

Recovery

- Bushfire CRC resilience/recovery research
- NZ wildfire recovery case studies
- Natural Hazards resilience/recovery research

Fire research outputs 2004 – 2010



Other applicable research



Bushfire CRC Update
 Updated 11 August 2010

Fighting bushfires from the air
 A bushfire CRC report on the merits of aerial suppression has been released

Key findings:

- Aerial suppression can be effective in providing a tactical advantage over ground-based suppression in some circumstances.
- The use of aerial suppression is most effective when used in conjunction with ground-based suppression.
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FIRE NOTE
 DETERMINING GRASSLAND FIRE DANGER WITH PLANT MODELS

Summary:

Grassland fire danger is a complex phenomenon that is influenced by a range of factors including weather, fuel availability, and human activity. This note discusses the use of plant models to determine grassland fire danger.

Key findings:

- Plant models can be used to determine grassland fire danger.
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PROGRAM A
 FIRE DYNAMICS IN MALLEE-HEATH

Key findings:

- Fire dynamics in mallee-heath are complex and influenced by a range of factors.
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Promoting Research Adoption

Four groups rotate through 4 topics:

- 1) What research can be implemented? (based on that presented, or available from NZ/overseas)**
- 2) What are the barriers to implementation of research by end-users?**
- 3) How can the research programme assist in the uptake of the research? (i.e. tech transfer)**
- 4) What other research could be done to address end-user needs? (i.e. to support uptake of existing research findings, or new research to address other needs).**



Research Adoption discussion groups (13:30 – 15:15)

13:40 – 14:40

- Divide into four groups to rotate through each of the 4 discussion topics (15 min. at each)
- Facilitator and notetaker/spokesperson for each topic remain at that topic/question throughout.

14:45 – 15:15

- Spokesperson for each topic will report combined discussion findings back to full workshop (5 min. each)

