



PROGRAM A: Understanding the interactions of climate and bushfire in Australi

Seasonal Bushfire Assessment Workshop

- To support decision-making needs and provide information that can assist fire managers with determining budgets, priorities, resource allocations and public education
- To improve the capabilities of states to incorporate new and long-term information into their decision-making processes
- To implement a standardized product that is evidencebased and defensible
- To build capacity between states and fire management and weather/climate partners





Workshop attendees

- Australasian Fire Authorities Council
- Bushfire CRC
- Bureau of Meteorology
- Bushfires Council NT
- Conservation and Land Management (CALM)
- Cape York Fire Management Project
- Country Fire Authority (CFA)
- Country Fire Service (CFS)
- Department of Environment and Heritage (DEH)

- Desert Research Institute
- Department of Sustainability and Environment (DSE)
- Fire and Emergency Services Authority (FESA)
- Forest NSW
- **NSW Fire Brigades**
- **NSW Rural Fire Service**
- Oueensland Fire and Rescue
- Tasmania Fire Service

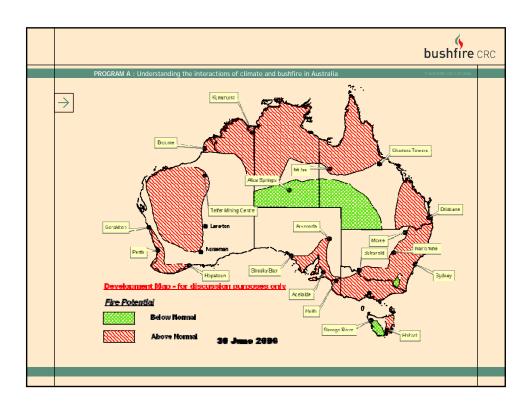


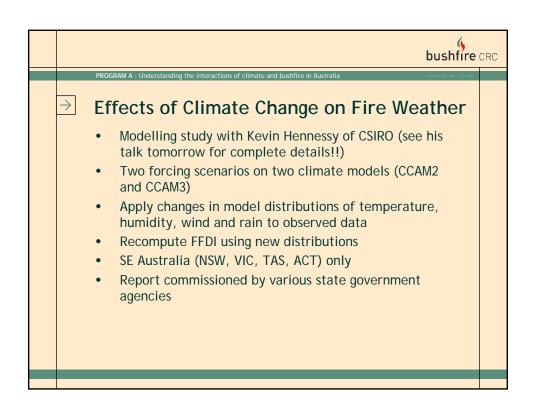
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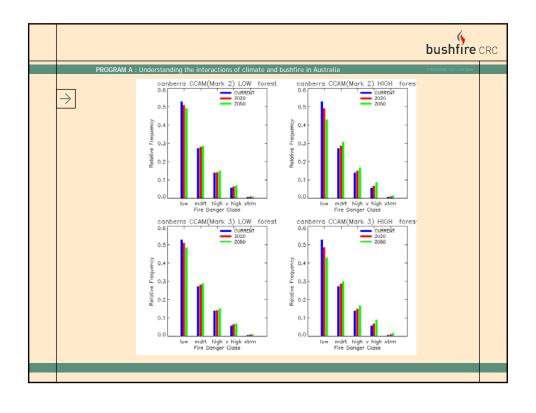
→ Fire potential definition

The chance of a fire or number of fires occurring of such size, complexity or other impact which requires resources beyond the area in which it or they originate.

The potential for a significant fire situation is a sum of factors that includes fuels, ignition triggers, significant weather triggers and resources.









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Limitations of the study

- Only SE Australia -- expand to other areas
- How will climate change affect ENSO?
 - Changes in intensity and/or frequency?
 - Changes in La Nina?
- Climate/vegetation interactions not included
 - These are already occurring
 - Increase in woody biomass, linked to increasing CO₂
 - Expansion of rain forest at expense of eucalypt forest and grassland, linked to increasing rainfall
 - See Chambers (2006) for review