PROJECT SUMMARY

Translation of observed and predicted extreme bushfire behaviours

Natural Hazards Research Australia

RESEARCH TEAM

Dr Mika Peace, Bureau of Meteorology
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Project duration: 12 months

SUPPORTING ORGANISATIONS

Curio
Bureau of Meteorology
Country Fire Authority (Vic)
Department of Energy, Environment and Climate Action (Vic)

Background

This project is a utilisation project that will translate the research findings from the Black Summer research project *Modelling fire weather interactions* and present them as education and training materials for the professional development of Fire EPS Meteorologists, Decision Support Meteorologists, Fire Behaviour Analysts (FBANs) and other practitioners to evaluate extreme fire behaviour risk and provide operational guidance and fire weather intelligence.

Project description

The overall aim of this project is to develop a pathway to effectively translate research outcomes from the previous *Modelling fire weather interactions using the ACCESS-Fire model* project into professional development learning modules.

Intended outcomes

- Use of the learning modules and associated materials in professional development workshops for FBAN, Fire Meteorologists, Decision Support Meteorologists and Intelligence Officers from the Bureau of Meteorology and Fire Agencies.
- Increased interoperability and accuracy of fire predictions via effective collaboration, information sharing and communication.
- Increased situational awareness and fire ground safety – interoperable language and concepts/ shared understanding.
- Improved risk evaluation and risk communication.

Further information

For full project details head to: https://www.naturalhazards.com.au/research/research-projects/translation-observed-and-modelled-extreme-bushfire-behaviours-improve

Or contact nicola.moore@naturalhazards.com.au