

Bushfire Research Data Management Plans

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July 22

Project Objectives

- create a national data asset from the data outputs of research projects funded through NHRA and the previous CRCs that would support future research.
- establish a robust data framework including policies, procedures and systems to be followed for all bushfire projects funded by the NHRA.
- the data management strategy will be used by the Centre and available to the research community at large.



Partners and Stakeholders

- Partners
 - The Centre's research participants
 - data creators, owners and managers
- Stakeholders
 - AFAC & AFAC Member Agencies
 - through Collaboration groups & direct engagement
 - Other government data initiatives
 - ACS, NBIC



Use Cases / Application

- A web portal through which researchers can:
 - Access a catalogue of available and accessible bushfire research datasets, including any specific software / systems that are required to use specific datasets
 - Submit details of new datasets they propose for inclusion in the catalogue
- A bushfire research data framework
- Avoiding:
 - loss of data
 - Unusable data (have the data but lack metadata to know how it can be used, limitations, etc)



Work Packages

- Develop conceptual framework for bushfire research data management
- Develop an initial web-based bushfire data catalogue
- Develop, and enter into data management and curation agreements with relevant bushfire research data producing research organisations
- Develop a conceptual needs analysis for centralised national hosting of the bushfire research data collection



Progress

- Initial research data management framework developed
- Bushfire data scoping study in progress
- Scoping project focused on social science data
- Exploring initial datasets
 - Black summer bushfire reconstructions
 - Forest plots



Next Steps

- Develop draft detailed data management framework
- Concept development for online data catalogue
- Identification of additional model datasets



Challenges & Opportunities

- Challenges:
 - Research Culture
 - University Culture
 - Shared understanding the scope of what 'bushfire data' means
 - Separating 'ownership' from 'rights to use'
- Opportunities
 - Demonstrating best practice
 - Linkages to NHRA research portfolio
 - Linkages to other research initiatives (inc NSW, Qld, WA)



"C'mon c'mon - it's either one or the other".

