National Bushfire
Intelligence Capability
(NBIC)



Our mission

Our mission is to support agencies in their efforts to help the community adapt to future bushfire events while minimising environmental & social impacts.

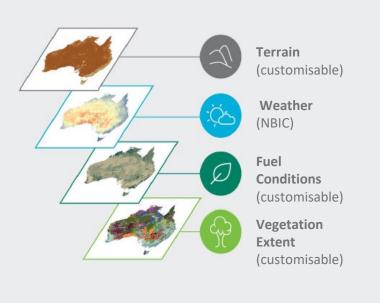
We want to create bushfire hazard data and tools that make it easier for agencies to focus on their priorities and decision-making responsibilities.

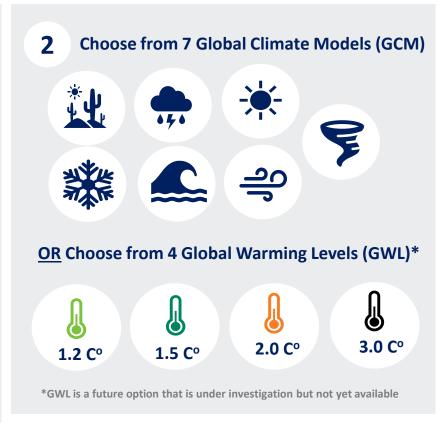
This includes reducing the hazard from fires as well as supporting recovery after a bushfire.

National Bushfire Intelligence Capability process explained

The process...

Provide your own Vegetation or Terrain data, or use NBIC created data







NBIC's Stage 1 data and capability is currently being used

Public

- Queensland Fire and Emergency Services land use planning
- Victorian Department of Education risk to facilities and closure triggers
- National Emergency Management Agency Preparing Australia Program

Private

- Westpac (Burnt area and Fireline intensity)
- Suncorp (Burnt area and Fireline intensity)
- Optus (National coverage of local hazard potential)
- AON Re (Data to inform loss potential estimates)



Stakeholders **AUSTRALASIAN FIRE** NATIONAL EMERGENCY **AUTHORITIES COUNCIL** MANAGEMENT AGENCY PEAK **DISASTER RECOVERY &** PLANNING INSTITUTE OF AUSTRALIA **BODIES RESILIENCE AGENCIES EMERGENCY MANAGEMENT SPATIAL** **BUREAU OF METEOROLOGY** INFORMATION NETWORK AUSTRALIA CSIRO STATE AND **EMERGENCY AUSTRALIAN AUSTRALIAN BUREAU** TERRITORY **CLIMATE SERVICES** MANAGEMENT AGENCIES OF STATISTICS **AGENCIES** NATIONAL AERIAL **GEOSCIENCE AUSTRALIA** FIREFIGHTING CENTRE Social Architects **AUSTRALIAN RESEARCH** DATA COMMONS NBIC Fire Ecosystem Climate Science Science Forecasting NBIC **STAKEHOLDERS** RESEARCHERS **AUSTRALIAN** Project Team NATIONAL UNIVERSITY COMMONWEALTH SCIENTIFIC Terrain AND INDUSTRIAL RESEARCH UNIVERSITY OF Analysis ORGANISATION (CSIRO) MELBOURNE NATURAL NATIONAL AIR HAZARDS QUALITY TECHNICAL **ADVISORY** RESEARCH LAND USE Remote **AUSTRALIA** GROUP **PLANNING AGENCIES** Sensing Cloud Computing Biomass & & Platform Carbon Design/Build Accounting Project STATE AND TERRITORY Managers **AGENCIES DEPARTMENT OF** LOCAL GOVERNMENT COMMONWEALTH AGRICULTURE, **GOVT. AGENCIES** **FISHERIES AND** Science **FORESTRY** Communicators KEY: DEFENCE DEPARTMENT OF CLIMATE CHANGE, **Future** Current THE ENVIRONMENT TRADITIONAL Stakeholders Stakeholders AND WATER **OWNERS** Expertise Data Providers Model Providers Data Users

Model Users

Thank you

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