



Knowledge Brokerage in the ARC Centre of Excellence for Climate Extremes: What? Who? Why?

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What does the Centre Knowledge Brokerage Team do?

The team ensures the work of the Centre can be used by government, the private sector and other stakeholders. It serves Centre researchers and stakeholders:

- Helps researchers with stakeholder relationships and collaborations
- Ensures Centre research is communicated to stakeholders
- Works with researchers to provide educational resources for schools
- Provides datasets for stakeholders.

ARC Centre of Excellence for Climate Extremes

- The world's first fully integrated research centre focused explicitly on the understanding and prediction of climate extremes
- A research consortium of five Australian universities funded by the Australian Research Council, with a network of outstanding national and international partner organizations
- By improving our understanding of climate extremes and capability to predict them, the Centre aims to inform strategies and policies to reduce national and global vulnerability
- Includes research programs on extreme rainfall, heat waves and cold outbreaks, drought and climate variability
- Research is supported by computational modelling support, admin, media and knowledge brokerage staff.

NSW Office of Environment and Heritage

- Lead provider of climate information within NSW Government
- Provides science to inform the management of climate risk to billions of dollars of NSW public assets
- Administers the NSW Climate Change Fund, supporting a move towards net zero carbon emissions and helping the NSW community and environment adapt to climate change
- Partners with communities, government, businesses and other stakeholders to achieve the best outcomes for NSW.

Risk Frontiers

- Private company bridging the gap between science and the private sector to better inform risk management
- Leading provider of catastrophe modelling solutions and expert advice on hazards (including climate hazards) to insurance companies, corporations and government
- Works closely with the Bushfire and Natural Hazards CRC and university research groups.

NESP Earth Systems and Climate Change Hub

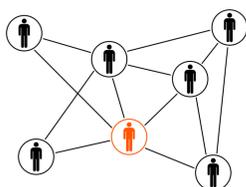
- A partnership of CSIRO, the Bureau of Meteorology and the Centre of Excellence universities
- Aims to ensure that Australia's policies and management decisions are effectively informed by Earth systems and climate change science
- Conducts research to improve our understanding of past and current climate and how the climate may change in the future
- Generates climate data, information, products, tools and services for a wide range of end users.

Managing Climate Variability R&D Program

- A partnership between agriculture industry bodies with strong links to government, the Bureau of Meteorology and universities
- Aims to help farmers manage the risks, and exploit opportunities, resulting from Australia's variable and changing climate
- Works to improve the accuracy of seasonal forecasting
- Provides farmers with information and tools for managing climate risk
- Increases knowledge and confidence to adopt climate risk management.

Centre of Excellence Strategic Objective 5 : Research that engages and has impact

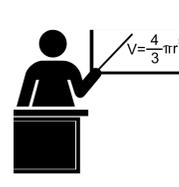
5.1 Establish a knowledge brokerage team



5.2 Work with partners to deliver bespoke research data



5.3 Develop STEM educational resources for schools



5.5 Communicate our research to government and businesses

