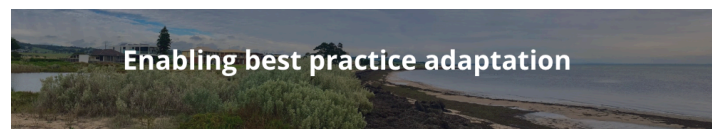




Australian Adaptation Database

The Australian Adaptation Database was developed for research purposes as part of the National Environmental Science Program Climate Systems Hub project on *Enabling Best Practice Adaptation*. This research set out to conduct a national adaptation stocktake to understand how Australia has progressed in climate change adaptation. The research was of interest to Australian government stakeholders who are undertaking similar work and need such information to fulfil their reporting requirements. It also provides opportunity to explore the different adaptation activities being conducted in Australia. Given the value this dataset could provide to stakeholders, it was decided that it would be shared on a publicly available website.



The National Environmental Science Program (NESP) Project on *Enabling best practice adaptation* seeks to answer important questions about the uptake of adaptation in Australia. Commencing at the beginning of 2023, the project is a three-year investment to develop guiding principles and frameworks to help governments, civil society and communities undertake best practices in adaptation.

This database is one output of the project (others can be found below). The database is Australia's first adaptation stocktake and seeks to understand the extent of adaptation activities in Australia.

Other outputs include a literature review on the enablers of climate change adaptation, and another on adaptation 'best practice'. There are also several case studies of adaptation at different scales across Australia, which seek to explain the factors that enable best practice adaptation.

Key outputs from the project are provided below, and more information is available on the Climate Systems Hub Website.

Visit the [NESP Climate Systems Hub Website](#)

You can contact us at adaptation-database@unimelb.edu.au

For related resources and more information about the project you can visit the 'about' page

Understanding the data

The database has been designed carefully to best reflect the nature of adaptation in Australia. For more information on this process, visit the 'Metadata' page on the website. Importantly, each entry has been coded to the geographic scale at which it is relevant, so adaptation happening at a state-scale does not list any local government areas, at a national-scale does not list any states or territories.

Each entry can have multiple attributes in a given column, i.e. multiple types of "hazard" for one intervention. This means the total number of hazard types does not necessarily equal the total number of entries in the database. The graphs use percentages for this reason, to more accurately represent the proportions in the underlying data.

The database does not distinguish between successful or maladaptive adaptive outcomes, if you'd like to know more about adaptation best practice please visit the case studies under the "about" page.

Data collection will be ongoing, funding dependent, and will continue to be updated.

Troubleshooting

Be aware that applying too many filters may limit the number of results returned.

The URL links provided were correct at time of data collection but are subject to frequent change. If you cannot access an external link, try entering the URL into your search engine instead: this typically returns the new page location.

If an attribute is left blank, it is not relevant to that entry. If it returns "unknown", no information could be found.

The database contains the first sample of entries collected and many more are still under investigation. There remains a significant gap in reporting for some jurisdictions, who might be under-represented in the sample of data provided.

Have something to add to our database?

You can submit new adaptation examples with the 'submit an entry' form on the header.

Have you provided data that is not yet in the database? We are working hard to further investigate each entry and will include it soon.

How to use the Australian Adaptation Database

The Australian Adaptation Database Website has been set up so that users can readily interact with and filter the entries in the adaptation database. The landing page offers two options for viewing the data.

1) Browse all results

This option returns an entire table of all entries in the database which can be scrolled through and investigated more thoroughly. You can also click the 'Search' button without entering any filters to view all results in the database.



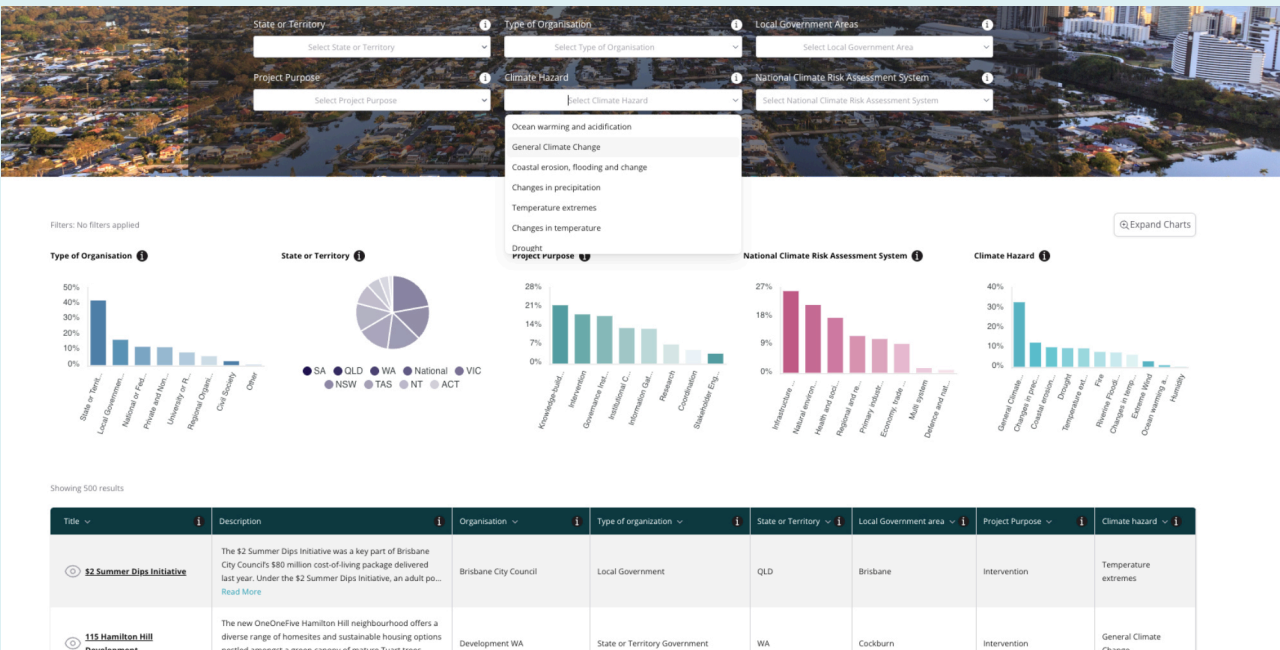
Australia's first national adaptation stocktake

The Australian Adaptation Database is helping to understand Australia's progress toward climate change adaptation. The database focusses on collecting and categorising a sample of adaptation activities happening across different scales, sectors and geographic locations. The featured examples have been categorised against key criteria such as location, type of organisation implementing them and climate hazard they are responding to.

The database has been created by the National Environmental Science Program (NESP) Climate Systems Hub Project on [Enabling Adaptation Best Practice](#) and we update with new additions on a regular basis. If you would like to see your work represented in the database use the 'Submit an Entry' form above.

2) Filter results

Using the six filter drop-down boxes provided, users can select certain options to limit the results they view. Users can select single or multiple filters from each list, or leave the filter box blank to view all entries. Note: applying many filters will limit the number of results returned. Once the 'Search' button has been clicked the user is then taken to the results page.



At the top of the results page the user will see a dashboard which summarises some of the key statistics from the results they have filtered. Users can hover over the graphs for more details.

Below the graph lies a table of all the results. Each entry can be clicked to open a pop-up box with further information.

Hover over the 'i' for more information on each category.