

National Disaster Recovery Monitoring and Evaluation Database

User Guide

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Version control

Date	Responsible	Version	Comments
8 June 2018	AIDR IT Team	0.1	Creation of user guide
12 June 2018	AIDR IT Team	0.2	Amended with advice from AIDR Director Knowledge Management and Research Utilisation
15 June 2018	AIDR IT Team	0.3	Amended with advice from Emergency Management Australia
3 July 2018	AIDR IT Team	0.4	Amended with advice from Emergency Management Australia
2 August 2018	AIDR Team	0.5	Amended with advice from Emergency Management Australia
7 August 2018	AIDR Team	0.6	Amended with advice from Emergency Management Australia
9 August 2018	AIDR Team	0.7	Amended with advice from Emergency Management Australia
24 May 2019	AIDR Team	0.8	Updated to include the new search functionality

Introduction

The National Disaster Recovery Monitoring and Evaluation Database (the 'Database') makes knowledge gained from past recovery evaluations available to assist in the design of disaster recovery programs. Anyone can search the Database to identify activities, indicators and resources for recovery programs based on their outcomes, and to find evaluations of past programs and other relevant resources to inform recovery planning and evaluation.

The Database draws on reviews of past disaster recovery programs and is to be used in conjunction with and after reviewing the National Monitoring and Evaluation Framework for Disaster Recovery Programs (the Framework).

For best results

We have enhanced your user experience by streamlining the Database search, so you can search recovery outcomes and resources from past evaluations of recovery programs. This functionality will provide you with a list of activities, indicators and relevant resources to help you design your recovery program to achieve the intended recovery outcomes.

For best results, the Database should be used in Google Chrome.

Searching the Database

The Recovery Outcomes and Resource Search page (knowledge.aidr.org.au/me-recovery-outcomes-search) gives you the option to search the Database by outcomes and/or by past evaluations of disaster recovery programs (resources).

The search page provides a short introduction to the Database, followed by a list of recovery outcomes, and a filter to further refine your search by event type, event name, jurisdiction, date, indicator category and recovery domain. The search functionality allows you to search by recovery outcomes or by resources, or both – it is not dependent on completing all fields of the search criteria.

You have the option to hide outcomes by clicking **Hide Outcomes** and the option to hide filters by clicking **Hide Filters**.

Getting started

To design a recovery program (or some smaller component of the program), or a plan to evaluate it, you should consider identifying which of the nationally agreed recovery outcomes (listed on the search page) the program is trying to achieve. The database links the outcomes to activities that can lead to achieving those outcomes, to indicators by which the outcomes are measured, and to past evaluation reports of recovery programs that were aimed to achieve all or some of the selected outcomes. The Database search will produce a list of corresponding recovery outcomes, activities, indicators and resources as per your selection of outcomes.

The outcomes are grouped in four recovery domains and one overarching recovery outcomes group called “Resilience and Sustainability”:

- Resilience and Sustainability
- Social Domain
- Economic Domain
- Environmental Domain
- Built Domain.

You can select one or multiple outcomes by checking the corresponding checkboxes (an outcome can be deselected by clicking the checkbox again). You can also use **Select all** to select all available outcomes under each recovery domain or **Clear all** to deselect the outcomes selected within that recovery domain (see Figure 1).

Outcomes - Resilience and Sustainability (7)

Please select which outcomes in the Resilience and Sustainability domain are of interest in your current project

Select All Clear All 

- Community members are aware of the risks of future disasters
- Displaced populations are able to return to the community if they prefer to return
- Government, private sector and civil society and organisations are engaged in plans for mitigation and management of the recovery
- The community can express its changing disaster recovery needs
- The community has access to insurance (covering lives, homes and other property) through insurance markets or micro-finance institutions, where appropriate and viable
- The community is aware of the disaster recovery processes
- The needs of vulnerable groups are addressed in disaster recovery

Outcomes - Social Domain (24)

Please select which outcomes in the Social Domain domain are of interest in your current project

Select All Clear All


- Community health levels are appropriate for the community profile
- Community members are able to manage their own safety
- Community members are able to respond to their own needs and to support the other members of the community
- Community members are aware of each other's potential needs from future disasters through formal and informal networks and plans (i.e. social connectedness)
-  Community members can access appropriate services to deal with health needs
- Community members have access to appropriate and affordable housing in a timely manner
- Community members have social networks to support each other
- Community members have the knowledge, skills, and resources for dealing with disaster related health risks (e.g. hygiene, sanitation, nutrition, water treatment)
- Community members have the knowledge, skills, and resources for dealing with health issues related to the disaster experience
- Community members receive appropriate social services
- Community members receive continuity in the education services they need

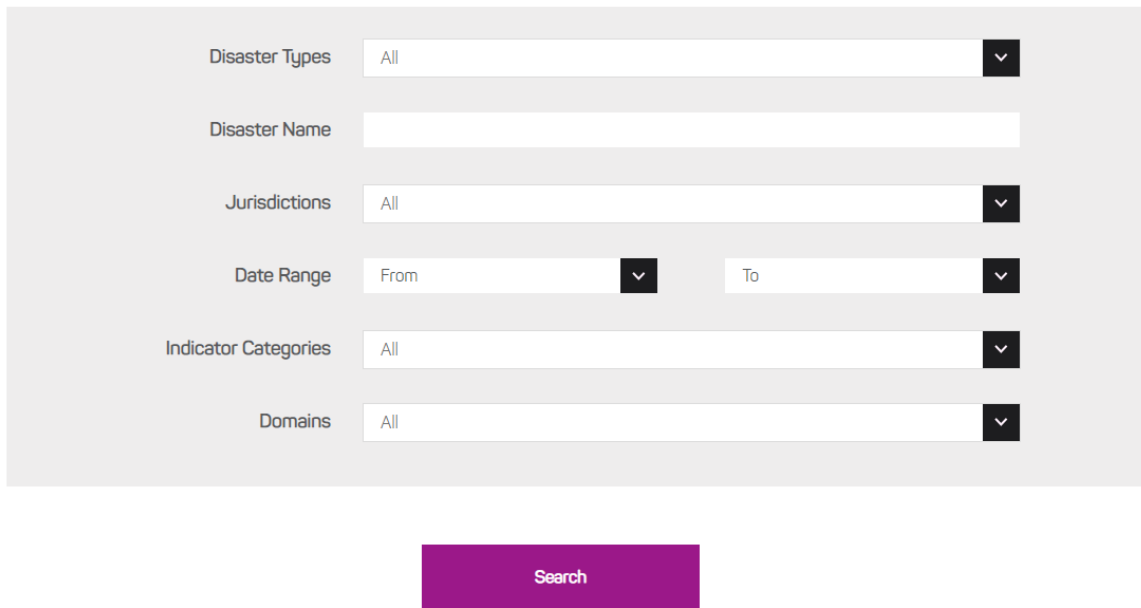
Figure 1 Options for selecting and clearing options for outcomes

Applying filters

You can apply filters to narrow the results of the recovery outcomes search or if you are unsure of the outcomes to select, you can use the filters on its own to search for resources that are relevant to the type of event in which you are preparing a recovery program or evaluation plan. You can find the filters by scrolling down to the bottom of the [National Disaster Recovery Monitoring & Evaluation Database](#) page (filters are below the list of outcomes). You can also hide the outcomes (click “**Hide Outcomes**”) to gain quicker access to filters.

The filters (see Figure 2) allow you to search the database according to the following criteria:

- **Disaster Types** – multiple types may be selected
- **Disaster Name** – by typing the name of disaster
- **Jurisdictions** – multiple jurisdictions may be selected
- **Date Range** – you can restrict the search to a specific time period
- **Indicator Categories** – multiple indicator categories may be selected
- **Domains** – multiple domains may be selected.



Disaster Types: All

Disaster Name: [Text Input]

Jurisdictions: All

Date Range: From [Date Input] To [Date Input]

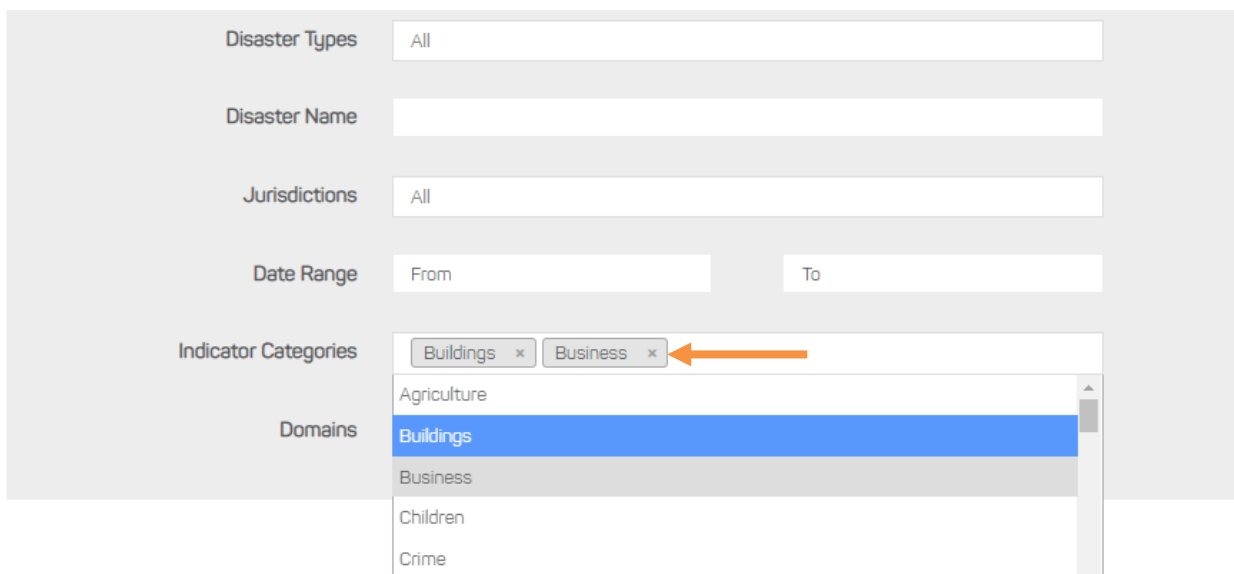
Indicator Categories: All

Domains: All

Search

Figure 2 Filtering the results

It is possible to select more than one search criterion, for example, Figure 3 shows that you can select multiple Indicator Categories.



Disaster Types: All

Disaster Name: [Text Input]

Jurisdictions: All

Date Range: From [Date Input] To [Date Input]

Indicator Categories: Buildings x Business x

Domains:

- Agriculture
- Buildings
- Business
- Children
- Crime

Figure 3 Selecting more than one filter option

Once you have selected your Outcomes and/or Filters, click **Search**. The results will open in a new web browser window. **Search** is at the bottom of the Recovery Outcomes and Resource Search page (see Figure 4).

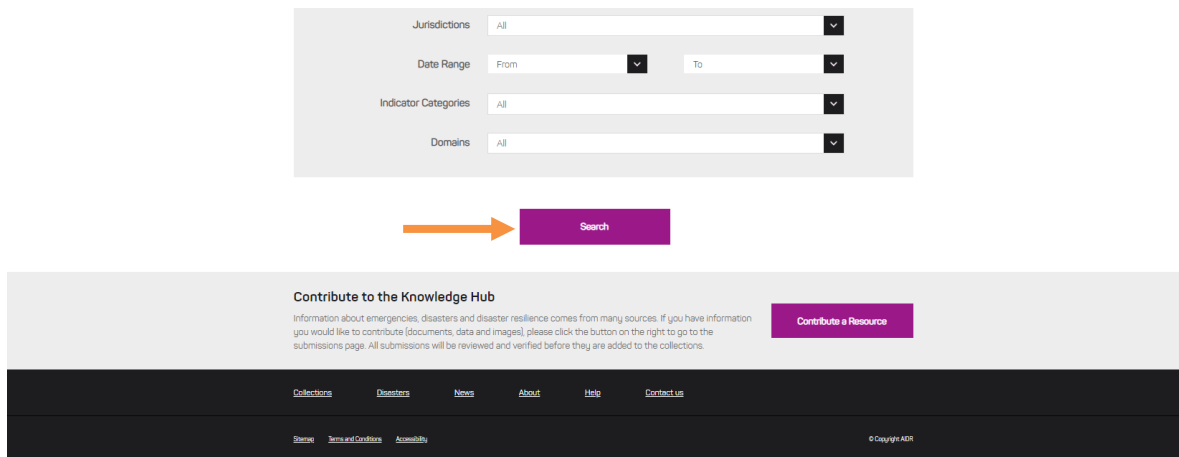


Figure 4 Location of the Search button on the Recovery Outcomes and Resource Search page

Database search results

The results that are returned when you click **Search** are divided into Activities, Indicators and Resources (see Figure 5). You can click **Show Filters** button to open the filters allowing you to narrow your search results further whether you used it in the previous step or not.

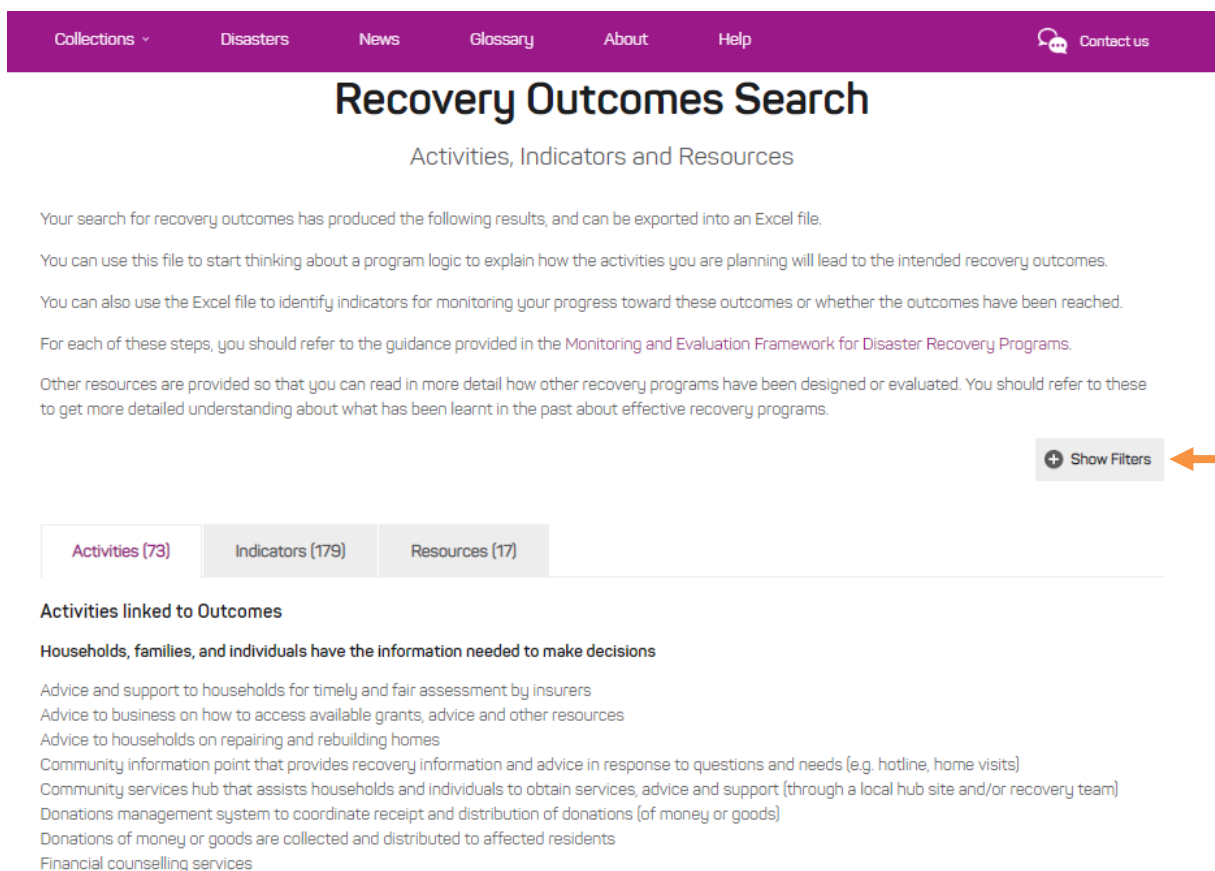
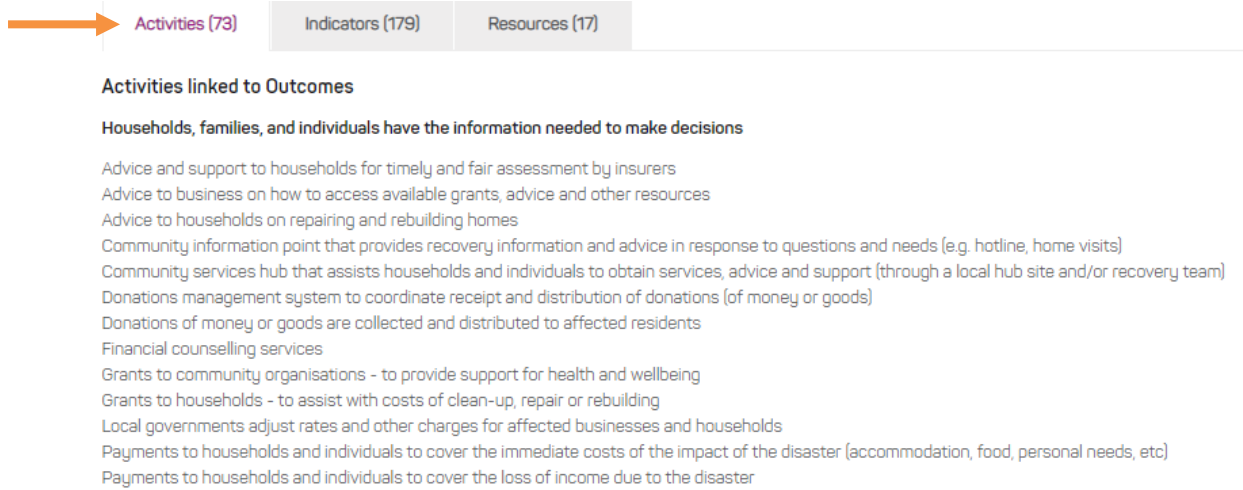


Figure 5 Database search results with option to Show Filters

Activities, Indicators and Resources

Results for activities, indicators and resources can be viewed by clicking the **Activities**, **Indicators** and **Resources** tabs, respectively (see Figures 6-8).



Activities (73) Indicators (179) Resources (17)

Activities linked to Outcomes

Households, families, and individuals have the information needed to make decisions

- Advice and support to households for timely and fair assessment by insurers
- Advice to business on how to access available grants, advice and other resources
- Advice to households on repairing and rebuilding homes
- Community information point that provides recovery information and advice in response to questions and needs (e.g. hotline, home visits)
- Community services hub that assists households and individuals to obtain services, advice and support (through a local hub site and/or recovery team)
- Donations management system to coordinate receipt and distribution of donations (of money or goods)
- Donations of money or goods are collected and distributed to affected residents
- Financial counselling services
- Grants to community organisations - to provide support for health and wellbeing
- Grants to households - to assist with costs of clean-up, repair or rebuilding
- Local governments adjust rates and other charges for affected businesses and households
- Payments to households and individuals to cover the immediate costs of the impact of the disaster (accommodation, food, personal needs, etc)
- Payments to households and individuals to cover the loss of income due to the disaster

Figure 6 Example results page for Activities



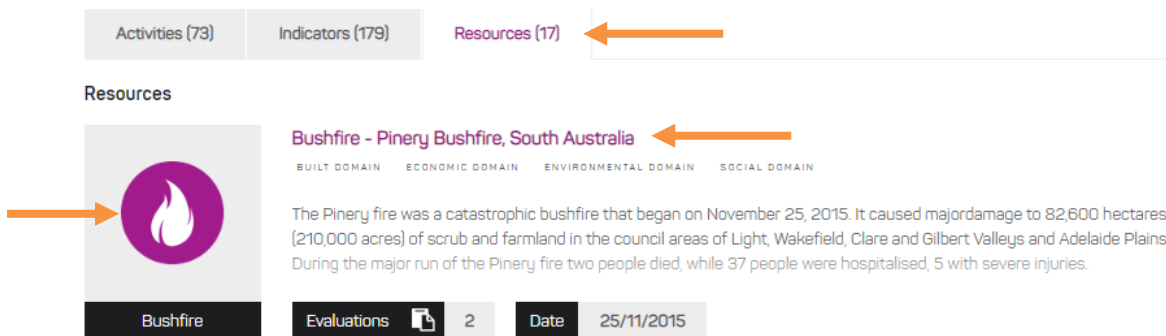
Activities (73) **Indicators (179)** Resources (17)

Indicators linked to Outcomes

Cultural and racial diversity is respected

- Acceptance of other cultures
- Crime against diverse groups
- Cultural groups are not driven away
- Demographic characteristics of the community (age, sex, family type, Aboriginal and Torres Strait Islander status)
- Measures of cultural and linguistic diversity (such as country of birth and language spoken at home, religious affiliation)

Figure 7 Example results page for Indicators



Activities (73) Indicators (179) **Resources (17)**

Resources

Bushfire - Pinery Bushfire, South Australia

BUILT DOMAIN ECONOMIC DOMAIN ENVIRONMENTAL DOMAIN SOCIAL DOMAIN

The Pinery fire was a catastrophic bushfire that began on November 25, 2015. It caused major damage to 82,600 hectares (210,000 acres) of scrub and farmland in the council areas of Light, Wakefield, Clare and Gilbert Valleys and Adelaide Plains. During the major run of the Pinery fire two people died, while 37 people were hospitalised, 5 with severe injuries.


Bushfire Evaluations  2 Date 25/11/2015

Figure 8 Example results page for Resources

You can explore each resource by clicking the title or disaster type (see Figure 8) – it will open in a new window. Resources include various documents including evaluation reports, inquiries into the event, case studies and all can be downloaded by clicking **Download** (see Figure 9).

Bushfire - Pinery Bushfire, South Australia

BUILT DOMAIN ECONOMIC DOMAIN ENVIRONMENTAL DOMAIN SOCIAL DOMAIN

The Pinery fire was a catastrophic bushfire that began on November 25, 2015. It caused major damage to 82,600 hectares (210,000 acres) of scrub and farmland in the council areas of Light, Wakefield, Clare and Gilbert Valleys and Adelaide Plains. During the major run of the Pinery fire two people died, while 37 people were hospitalised, 5 with severe injuries.




Date 25/11/2015

Evaluation Reports

Evaluations are shared public knowledge and can be downloaded and distributed as desired. Please select the download button below.

Evaluation: Pinery Fire Recovery

Date: 25/11/2015

 Evaluation Report	1.6 MB	 DOWNLOAD
 Outcomes, Activities and Indicators	0.1 MB	 DOWNLOAD

Pinery bushfire -evaluation framework

Date: 25/11/2015

 Evaluation Report	0.6 MB	 DOWNLOAD
 Outcomes, Activities and Indicators	0.1 MB	 DOWNLOAD

Statistics



Figure 9 Downloading results

You can download the evaluation reports as a PDF, and the outcomes, activities and indicators as a Microsoft Excel file by clicking on the corresponding **Download** button. The evaluation report (a PDF file) will open in a new tab of the web browser. The Microsoft Excel file will download in the web browser (see Figure 11).

Exporting results

Irrespective of which search option you use, the results can be exported in the same way. Results are exported to Microsoft Excel by clicking **Export to Excel** (see Figure 10).

The community can express its diverse spiritual composition

Repair and rebuild - community facilities (e.g. halls, sports grounds, places of worship)

The community has access to adequate sewerage and sanitation services

Repair and rebuild - water supply and sewerage

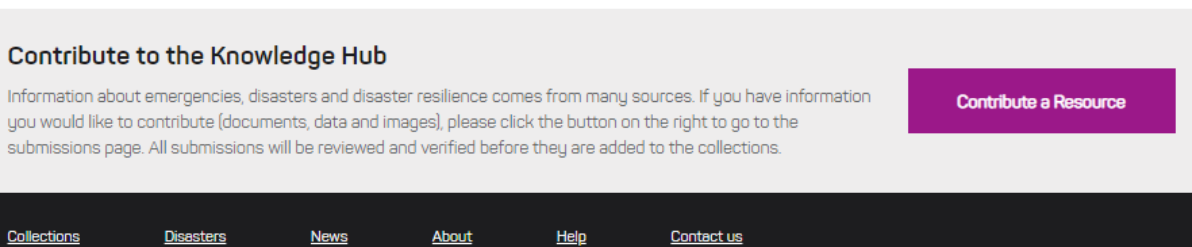
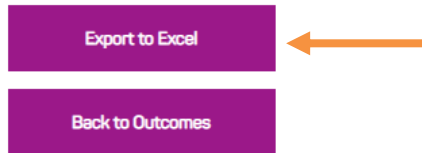


Figure 10 Exporting search results to Microsoft Excel

If you are using Google Chrome, the Microsoft Excel file will save at the bottom of the screen (see Figure 11). You click on the file to open it in Microsoft Excel.

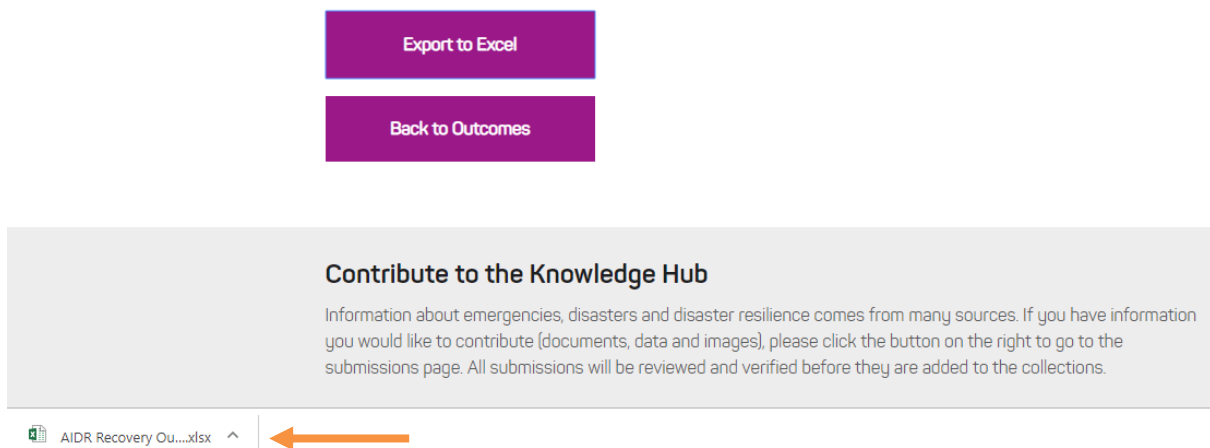


Figure 11 Saved search results and its location in the web browser

The spreadsheet exported from the Database will present data according to the outcomes and/or filters you selected by listing outcomes, filters, activities and indicators each in separate worksheets (see Figure 12). These can all be viewed by selecting the relevant worksheet in the spreadsheet.

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Outcome Title															
2	Community health levels are appropriate for the community profile															
3	Community members are able to respond to their own needs and to support the other members of the community															
4	Community members are aware of each other's potential needs from future disasters through formal and informal networks and plans (i.e. social connectedness)															
5	Community members can access appropriate services to deal with health needs															
6	Community members have access to appropriate and affordable housing in a timely manner															
7	Community members have social networks to support each other															
8	Community members have the knowledge, skills, and resources for dealing with disaster related health risks (e.g. hygiene, sanitation, nutrition, water treatment)															
9	Community members have the knowledge, skills, and resources for dealing with health issues related to the disaster experience															
10	Community members receive appropriate social services															
11	Community members receive continuity in the education services they need															
12	Cultural and racial diversity is respected															
13	Displaced populations are reconnected with essential health and social services															
14	Existing health clients receive continuity of their care e.g. pharmaceutical supplies															
15	Households, families, and individuals are enabled to affect their own recovery through appropriate income sources															
16	Households, families, and individuals have the information needed to make decisions															
17	Leisure, sport and artistic activities are part of the fabric of the community															
18	Mutual assistance systems, social networks and support mechanisms are capable of adapting to emergencies when these occur															
19	Possibilities for crime and social disorder as a result of the disaster are minimized															
20	The community can express its diverse spiritual composition															
21	The community has access to adequate sewerage and sanitation services															
22	The community has access to clean drinking water and basic food supplies															
23	The community has opportunities for creative expression that help the community recover from disaster															
24	The community is not experiencing excessive stress and hardship arising from the disaster															
25	Cultural heritage sites or assets of importance are restored, where possible, in a way that provide these values to the community															
26																
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Outcomes | Filters Applied | Activities | Indicators

Figure 12 Viewing outcomes, filters, activities and indicators worksheets in a Microsoft Excel export

Contributing a resource

You can contribute a resource to the Database by completing the **Contribute a resource** form on the Knowledge Hub (www.knowledge.aidr.org.au/contribute; see Figure 13). In addition to uploading the resource itself, the form will prompt you to upload a completed monitoring and evaluation template in Microsoft Word, available for download from the same page (see Figure 14).

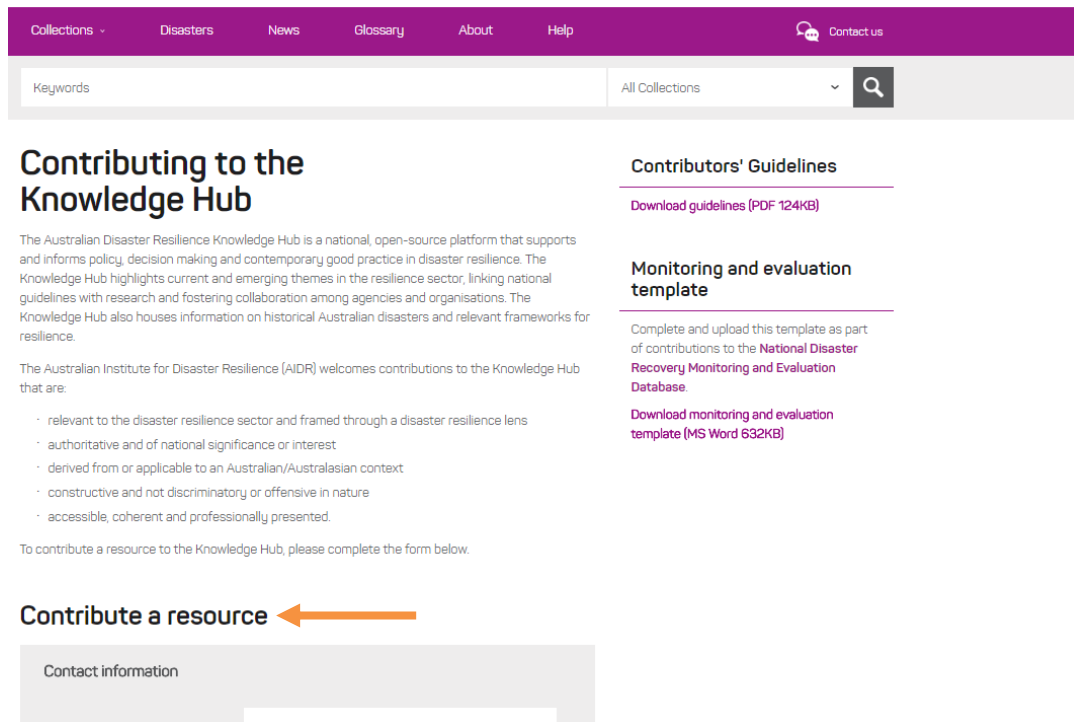


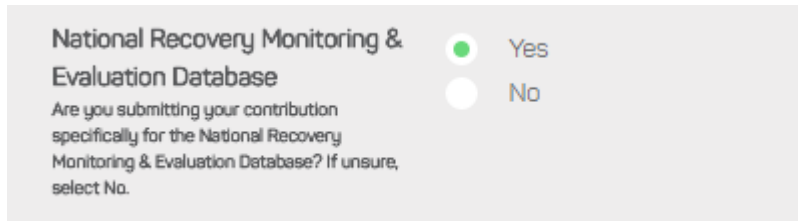
Figure 13 Contribute a resource page on the Knowledge Hub



Figure 14 Downloadable monitoring and evaluation template

To ensure your resource is considered for the Database you will need to select ‘Yes’ to submitting a resource for the Database (see Figure 15). At the bottom of the form, you will be prompted to upload two documents:

- **File upload** – the resource itself
- **Monitoring and evaluation template upload** – completed template



National Recovery Monitoring & Evaluation Database

Are you submitting your contribution specifically for the National Recovery Monitoring & Evaluation Database? If unsure, select No.

Yes

No

Figure 15 Specifying the database on the contribution form

Contributions will be assessed by Emergency Management Australia (EMA) and the Australian Institute for Disaster Resilience (AIDR), in accordance with:

- [Knowledge Hub Contributor’s Guidelines \(PDF 124KB\)](#)
- [A monitoring and evaluation framework for disaster recovery programs \(PDF 4.2MB\)](#)