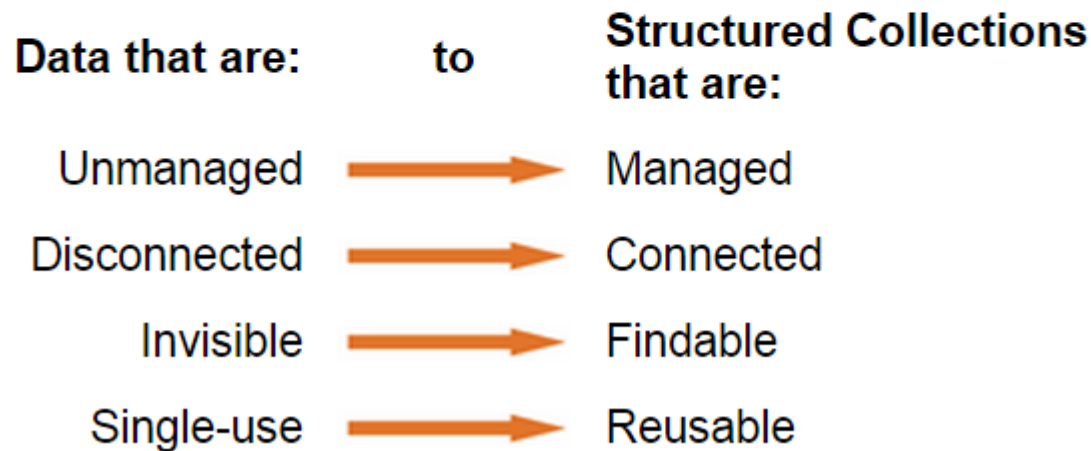


Australian National Data Service

Our Vision: More valuable data for Australian research

ANDS is enabling the transformation of:



NCRIS
National Research
Infrastructure for Australia
An Australian Government Initiative

ANDS is supported by the Australian Government through the National Collaborative Research Infrastructure Strategy Program.

The ANDS Members are:

Find data for research

Find, access, and re-use data for research - from over one hundred Australian research organisations, government agencies, and cultural institutions

All Fields ▾

Search for Data

Q Search

☐ Open data only

Advanced Search Map Search

Research Data Australia “RDA”
researchdata.ands.org.au

99 research organisations
from around Australia
contribute information to...

Research Data Australia

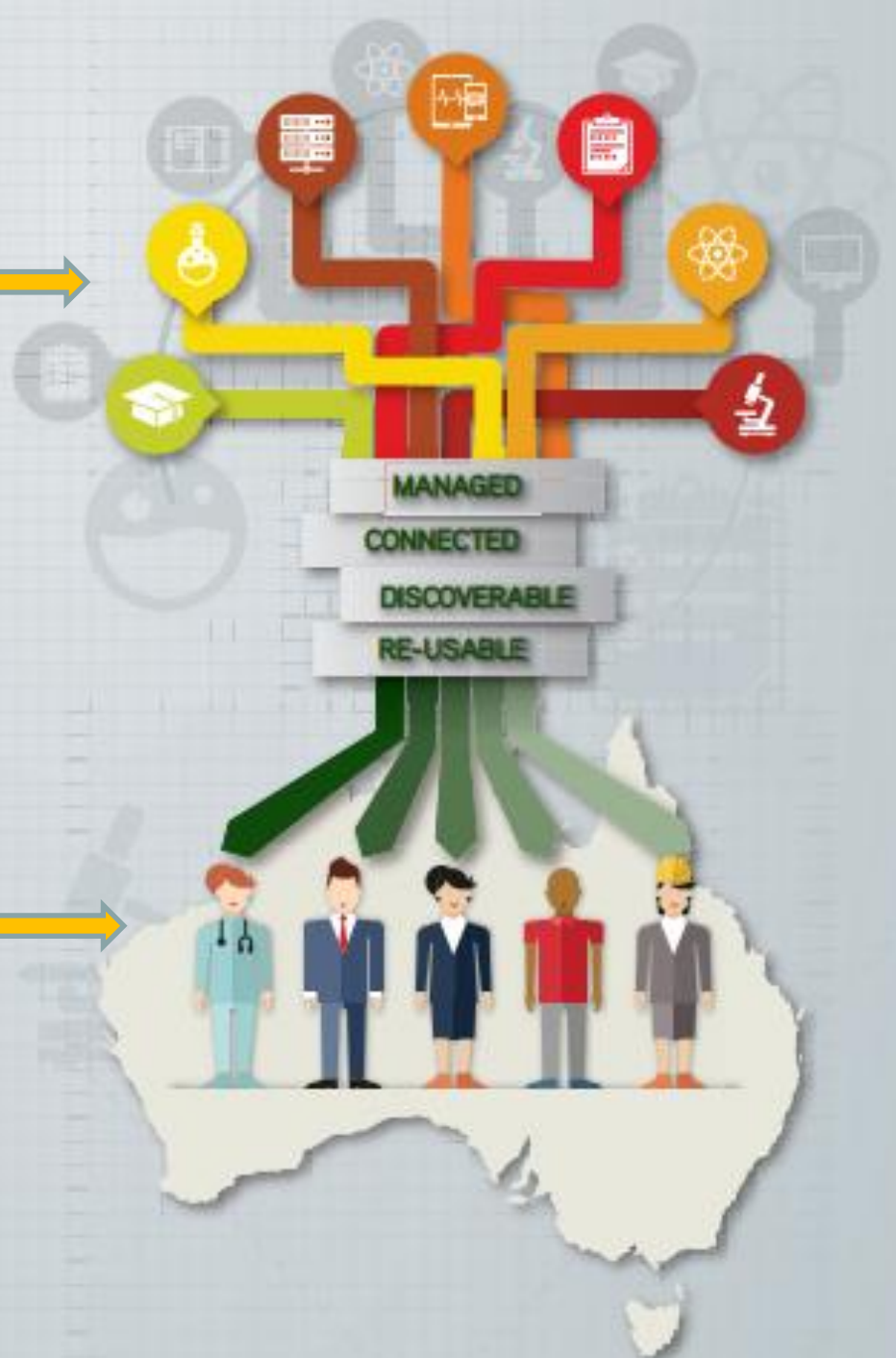
RDA is managed by...



These 100,000+ datasets are
used by...

In order to...

*Investigate and solve the Big
Questions facing Australia*



Public Librarians and Public Library Services in a **data** infused world

Why is research data such a hot topic?



Government policy



Queensland Government

Department of the Premier and Cabinet

Queensland Government data

Government Open Data Policy

Western Australian Whole of Government Open Data Policy



Data ▾ apps4nsw ▾ OpenGov Spatial Data FAQs Information Asset Register

DATA NSW PROVIDING ACCESS TO NSW GOVERNMENT DATA



Data.SA

South Australian Government Data Directory



Government of
South Australia



ACT
Government

data.act.gov.au

Few have witnessed what you're about to see

Experience a privileged glimpse of the distant universe as observed by the SDSS and the CTIO, and tested through state-of-the-art simulations.

Classify Galaxies

To understand how galaxies formed we need your help to classify them according to their shapes. If you're quick, you may even be the first person to see the galaxies you're asked to classify.

[Begin Classifying](#)



University of Oxford, 2007

“...it all began, with the Galaxy Zoo project cooked up by a few researchers in the University’s astrophysics group.

... a data set made up of **a million galaxies** With so many galaxies, we'd assumed **it would take years** ...to work through them all

Research data from/for everyone



.... but within 24 hours of launch we were stunned to be receiving almost **70,000 classifications an hour**. In the end, more than **50 million** classifications were received by the project during its first year, contributed by more than **150,000 people**

Who uses Research Data?

Case studies



Open Data case study

State Library of Queensland uses Queensland open data to populate and validate Queensland addresses entered in SLQ's online membership registration form.



Travelling around Brisbane on public transport just got easier

The Brisbane Bus and Train app uses Queensland open data to provide users with arrival times and stop locations of Brisbane buses and trains.



Placing land zoning information in the hands of users

Pocket Zoner Pro provides easy access to town planning information for over two million properties in Queensland.



Using education and transport data to make roads safer for kids

The Qld School Zones app helps keep kids safe in school areas by notifying drivers when they are approaching a designated Queensland school zone.



Weather data for Irrigation scheduling/crop modelling

Historical weather information for Queensland helps sugarcane producers to plan their irrigation needs.



Sharing Queensland wildlife data

WildNet helps to provide free access to information on Australia's flora and fauna.



Using multiple soil datasets to inform client decision-making

Soil and mapping datasets in GIS format help to support strategic investment and development decision-making.



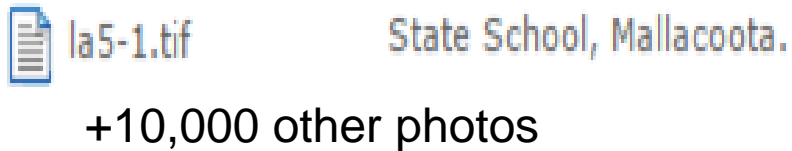
Queensland Government

Queensland Government data

<https://data.qld.gov.au/>

What does research data include?

Stanley Fowler Image Collection



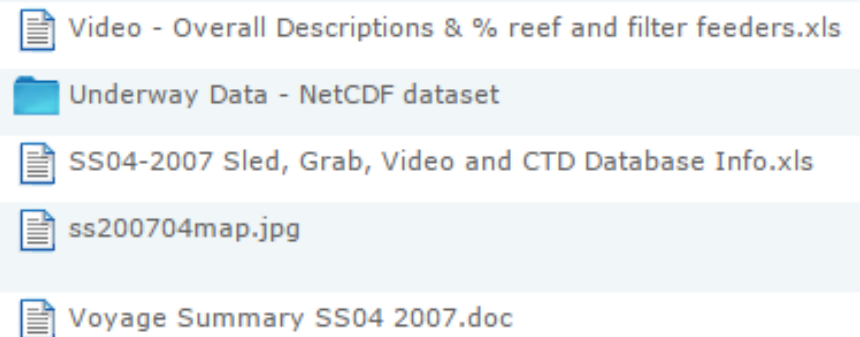
Downscaled Climate Projections for Western Australia

Kimberley	4 GB	<input type="checkbox"/>
South-west	12 GB	<input type="checkbox"/>
Pilbara	4 GB	<input type="checkbox"/>
README.txt	2 KB	<input type="checkbox"/>

Insect collections going 3D



Marmion Benthic Survey 2007



Data Access Portal

What does a research data catalogue record look like?

Research Data Australia

Find data for research

Explore ▾

About

MyRDA Login

← Return to search

All Fields ▾

queensland

✕

Q Search

■ Open data only

Advanced Search Map Search



Dugong aerial survey, Gulf of Carpentaria, 2007

James Cook University

Alana M Grech (Aggregated by) H Marsh Helene (Aggregated by)

Dataset



Viewed: 19

Go to Data Provider

Cite

Save to MyRDA

Licence & Rights

View details

Access rights

Open Access . If the data is not available via the provided link, please contact an associated party (preferably the Manager as specified) for access.

Brief description

This survey provides the first synopsis of the distribution and abundance of the dugong in the Gulf of Carpentaria. The estimate of the dugong population in the Gulf of Carpentaria from the 2007 survey is much lower than previous estimates for the Northern Territory 16846 + 3259 in 1985 and 23336 + 3040 in 1994 and higher than the previous estimate for Queensland 4266 + 657 in 1997 (see Saalfeld and Marsh 2004). There are methodological reasons for these differences: (1) the methodology used to correct for availability bias was different for the 1991 and 1997 Queensland surveys; (2) the

Similar datasets you may be interested in:



Dugong aerial survey (dugongs, turtles) Southern Great Barrier Reef, 1986



Dugong aerial survey (dugongs, cetaceans, turtles) Southern Great Barrier Reef, November 1994



Dugong aerial survey (dugongs) Hervey Bay, August 1988



Dugong aerial survey (dugongs) Hervey Bay, December 1993



Dugong aerial survey (dugongs) Hervey Bay

Research Data for Public Librarians

**..... who support
active learning (at all ages)**

LOGAN-ALBERT RIVER



[Home](#)

[Locations + Hours](#)

[Courses + Events](#)

[How to](#)

[Get Help](#)

[About us](#)

Search... [Library Catalogue](#), [Website](#), [Tasmanian Names Index](#), [Selected Archives](#), etc.

Search



Before transportation: Who were the convicts?

From 1788 to 1868 over 160,000 men, women and children from a range of social and ethnic backgrounds were punished with transportation to Australia. On this page you will find links to information on the life of convicts before their arrival in Australia and their journey to Australia.



Life and conditions in the 1800s

Urban centres grew across Great Britain and Ireland in the 18th and 19th centuries. As industrialisation increased, wealth distribution and social structures changed, requiring new policing and legal institutions. The justice system produced a large number of convicts, often convicted of minor crimes, requiring confinement.

- [End of transportation to America](#)
- [Conditions in Great Britain & Ireland](#)
- [Irish rebellions of the 1800s](#)



Crimes and trials

Crimes punishable by transportation ranged from serious transgressions, with transportation used in place of the death penalty, to very minor crimes where transportation was used as an alternative to adding more criminals to already full and inadequate gaols. Around 1000 convicts were transported for political crimes such as rio... [more](#)

- [Offences tried at Old Bailey \(Criminal Court\)](#)
- [Policing & criminal law in Ireland](#)
- [Criminal law of England](#)
- [Case studies](#)



Female convicts

Over 24,000 women were transported to Australia as convicts. 12,500 of them were sent to Van Diemen's Land. Most

[Bureau home](#) > [Climate](#) > [Climate change and variability](#)

Climate change and variability

Climate updates

Tracker

Datasets

Future impacts

About climate change



Climate

Outlooks

Reports & summaries

Weather & climate data

Long-term temperature record

Data services

Maps – recent conditions

Maps – average conditions

Climate change

Trend maps

Timeseries

Extremes trend maps

Extremes timeseries

Site networks

Global trend maps

Global timeseries

Extremes of climate

About Australian climate

Winter 2015 the coolest in decades for parts of the southeast

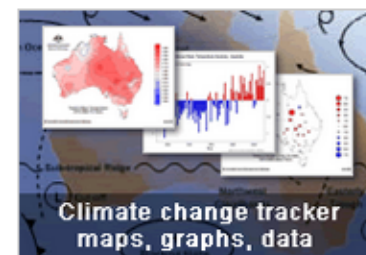
Some of the headlines this winter—'Bitter cold snap', 'Icy cold front to hit much of Australia', 'Australia's sunshine state covered in snow', etc.— may have implied that Australia just survived one of its coldest winters on record.

For some it was on the cool side. Victorians shivered through a mean temperature (the average of the maximum and minimum) of just 8.3 °C; the coldest since the last big El Niño year of 1997. Melbournians had the coldest winter in nearly 30 years (1989) and the coldest night in nearly 20 years. Tasmania had its coldest winter in nearly 50 years with a State mean temperature of just 5.8 °C (Table 1).

Snow did fall in 'unusual' places, including the Granite Belt of Queensland, the ranges near Adelaide, Melbourne and Sydney, and even settled on the beaches south of Hobart. Pictures of surfers standing in snow near Hobart, and the 'Welcome to the Sunshine State' sign surrounded by snow, reinforced a view of a cold harsh winter. In the Alps, a late start to the ski season turned into a series of blizzards, bringing smiles to skiers in the southeastern states.



Snow in the Yarra Ranges



Data in the News

- America's Missing Black Men
- Beauty Bias In Hiring Decisions: It Depends On The Context
- Marijuana In 24 Maps And Charts
- The "Dark Figure" of Police Killings in the US
- The Hidden Costs Of Low-Wage Work In America

See more on the TwD Blog

- Data for online analysis
- Events (conferences, webinars, etc.)
- Pedagogical resources
- Data providers

Data in the News

- Share of Young Americans With Debt at Lowest Level Since 1983
- U.S. Hispanic Adults Twice as Likely to Identify or Lean Democratic
- States of Medicaid Expansion
- Good Weather for the Global Economy?
- Information Access in North Korea Continues to Increase

See more on the TwD Blog



TeachingWithData.org


Like 173

TeachingWithData.org

Share of Young Americans With Debt at Lowest

Data for Public Librarians


**..... who support
business and industry**


Queensland Government

For Queenslanders

Business and industry

Contact us

Search website 

Business and industry portal

[Sign up](#) | [Login](#) | [My account](#)


[For business](#)
[For industry](#)
[Investing in Queensland](#)
[Commonwealth Games](#)
[Business events](#)

[Home](#) ▶ [For business](#) ▶ [Support, tools, grants, services](#) ▶ [Tools](#) ▶ [Market research kit](#) ▶ [How to use market research data](#)

Tools





[Business planning kit](#)
[Market research kit](#)
[Australian Business Account](#)
[Australian Business Licence and Information Service \(ABLIS\)](#)
[Business readiness quiz](#)
[Intellectual property info kit](#)


Features



Two new Advance Queensland funds open
Apply now for the \$1.9 million PhD Scholarships program and \$1 million Women's Academic Fund.

How to use market research data

 [Print this page](#)

Thinking of starting a business?


Be prepared - take our [business readiness quiz](#).

This hypothetical example shows how you can use market research data to:

- assess the potential of your business idea
- identify areas of potential opportunity
- develop informed strategies to overcome obstacles.

In this guide:

1. [Market research kit](#)
2. [Step 1: Economic conditions](#)
3. [Step 2: Community profiles](#)
4. [Step 3: Competitors and suppliers](#)
5. [Step 4: Financial benchmarks](#)
6. [How to use market research data](#)

 [Print entire guide](#)

Sam's ice cream shop

Sam was a successful civil engineer but wanted a career change. She had always dreamed of opening her own business and considered an ice cream shop.

Sam thought about opening her business at Mount Tamborine in the Gold Coast hinterland. It was a popular tourist destination that potentially offered good prospects for an ice cream shop.

The following information helped Sam refine and enhance her business idea.

Demographic, economic and social data

- Interstate visitor numbers to the Gold Coast rose by 9%, intrastate visitors rose by 6% and international visitor numbers rose by 4% in the year ended December 2012.
- Domestic day trip visitors in Queensland in the same period rose by 15% with expenditure also increasing.
- In mid-2013, there was one specialty ice cream shop in Mount Tamborine and more than 30 food businesses, many of which offered sweets, desserts or an alternative to ice cream.
- Desktop research indicated that, based on proximity to Brisbane and the Gold Coast, the location was a popular tourist destination with an average mean temperature of 22 degrees Celsius.




Do it online

- ▶ [Australian Business Account](#)
- ▶ [OSRconnect](#)


Contact

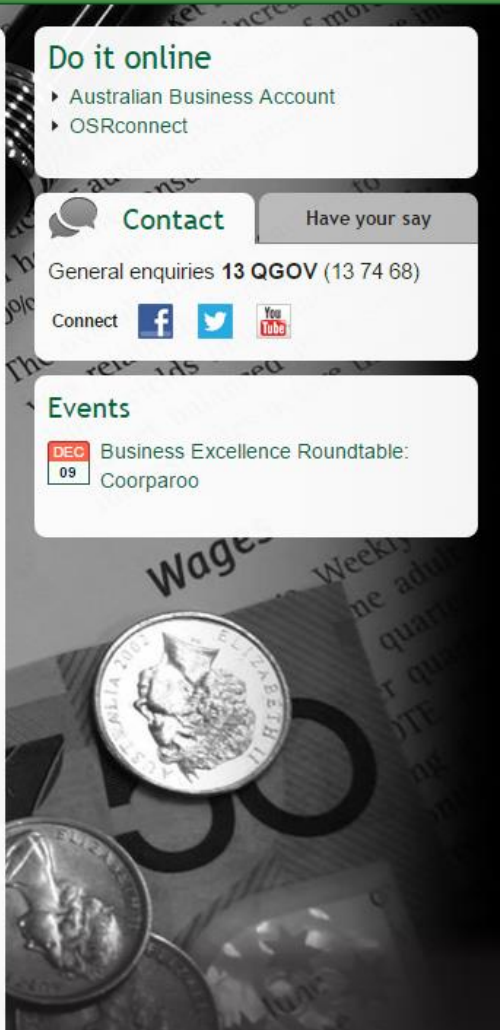
Have your say

General enquiries **13 QGOV** (13 74 68)

Connect   

Events

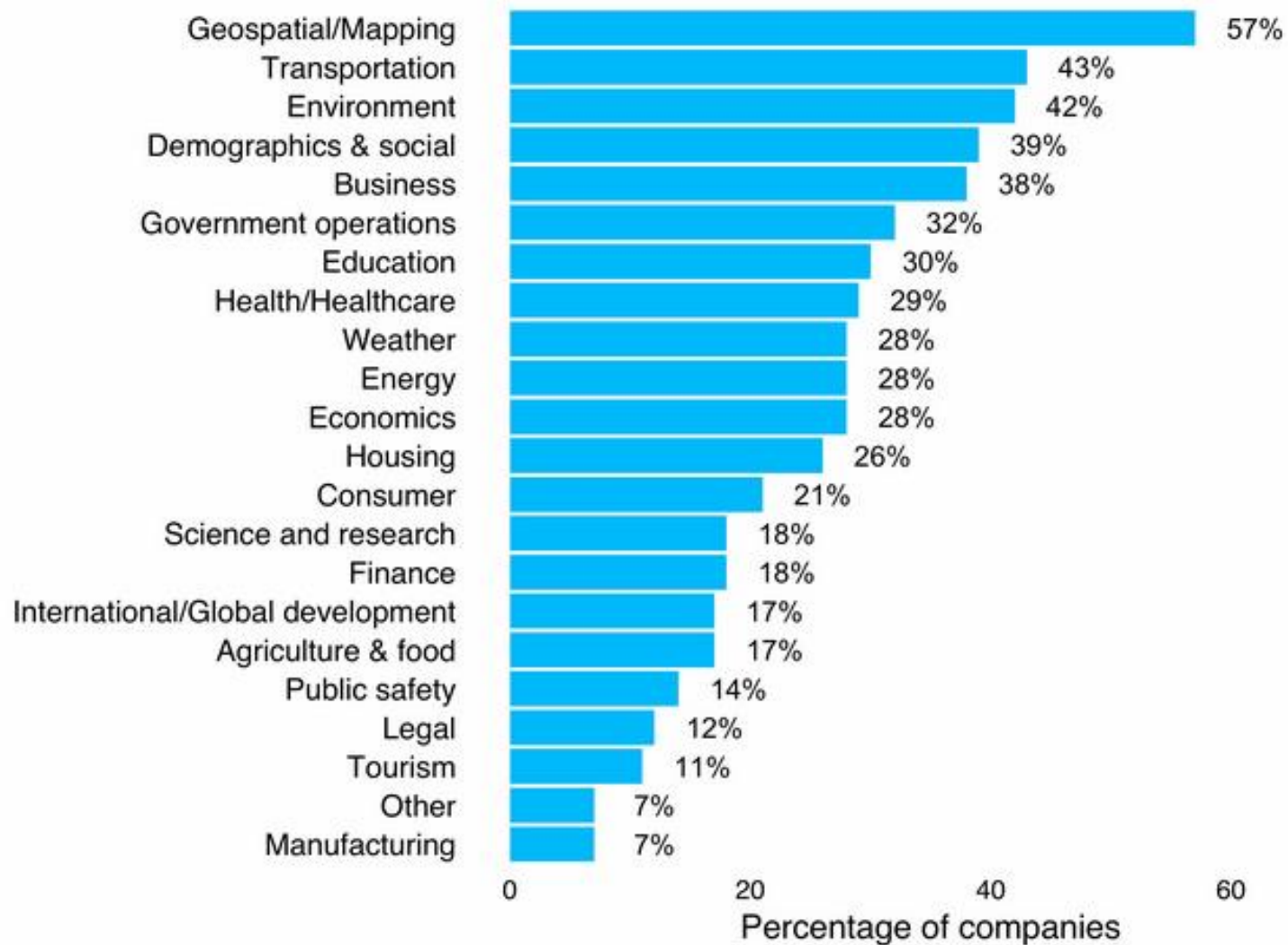
 **DEC 09** [Business Excellence Roundtable: Coorparoo](#)



<https://www.business.qld.gov.au>

18

What research data do business use?



UK study *Open data that drives business*

<http://theodi.org/open-data-that-drives-business>

Data for Public Librarians

**..... who support
data savvy seniors (and juniors....)**



The Tech Savvy Seniors Queensland Program aims to encourage more seniors to embrace information technology by the delivery of training through selected public libraries across Queensland. By participating, it is expected that seniors will be assisted to get connected and participate in the online world, with the objective of increasing digital inclusion, helping reduce social isolation, increasing access to government information and services via the internet, and improving awareness and resilience to online fraud and financial abuse.



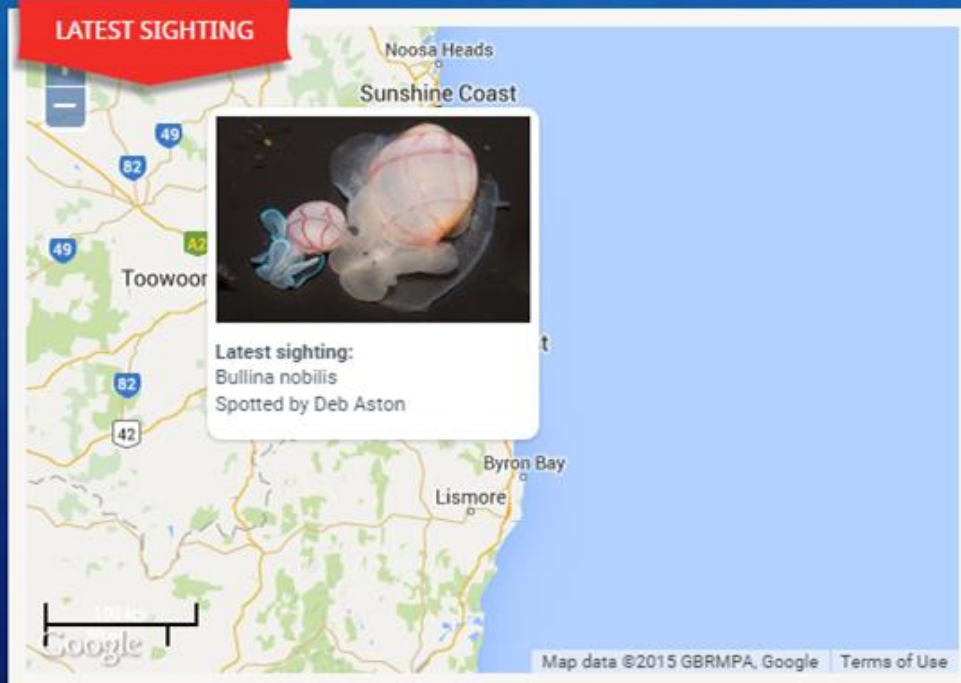
What's on the move along the QLD coast?

Log a sighting or check out what others have spotted recently!

View the regional map



LATEST SIGHTING



GOT A QUESTION?

Contact the Redmap team in QLD



There is a Citizen Science Project for Everyone

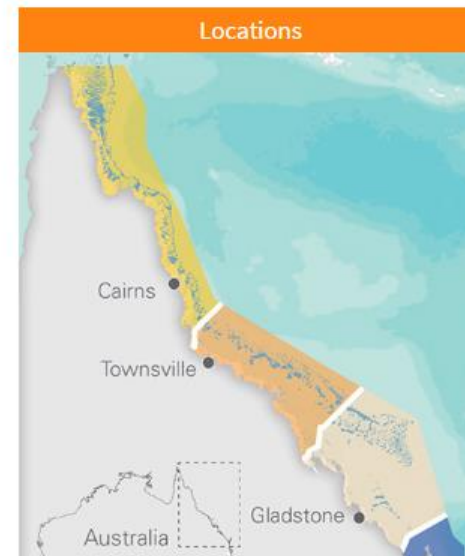
THE CITIZEN SCIENCE ALLIANCE

Citizen Science is the active involvement of the wider community in scientific research – ordinary people from diverse walks of life and of different ages, experience and skills.

With over 6000 plant and animal species, the Great Barrier Reef is a rich and diverse environment that continually challenges science to unravel its mysteries. What better natural laboratory to explore than the Great Barrier Reef – the largest and most famous coral reef system in the world?

There is a citizen science project for everyone. You can study anything - from Mangroves to Manta rays, from coral to coastal habitats. Join like-minded people for group activities, or collect data in your own time, in or out of the water. Volunteers produce real and tangible results, with data being used by professional scientists, reef managers, communities or conservation groups.

Want to contribute to a great cause and explore the wonders of this unique environment at the same time? Citizen Science gives you the opportunity of a lifetime to experience the Great Barrier Reef and beyond - like never before.

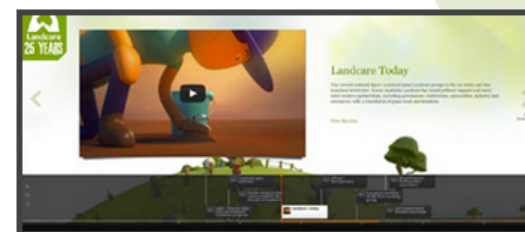


Queensland Water & Land Carers

Queensland Water and Land Carers (QWaLC) is the peak body for natural resource management (NRM) volunteers. QWaLC's roles include representation, advocacy, promotion, networking and insurance administration. QWaLC's board includes representatives from each of Queensland's regions. Our membership consists of over 300 groups and 29,000 individuals.

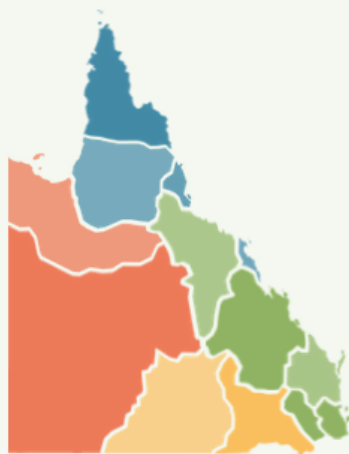
The story of landcare

A look at some of the people, places and events that have shaped Landcare in Queensland and Australia.



Find a group near you

Get in touch with a group near you! Browse the map by region to discover active groups in your area.



South East Qld

Desert Channels

Cape York / Torres Strait

Fitzroy Basin

South West

Condamine

Burdekin Dry Topics / Mackay Whitsunday

Wet Tropics

Murray Darling

Burnett Mary

Southern and Northern Gulf

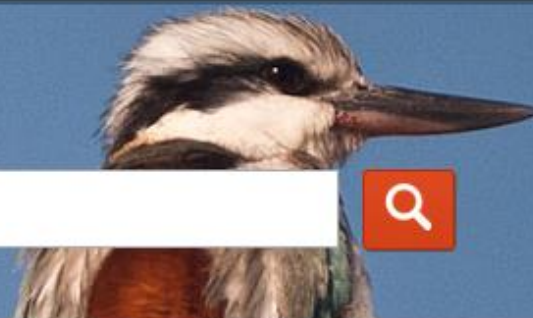
Register your group

QWaLC offers membership to community NRM volunteer groups. This includes groups such as, Landcare inc Coastcare, Bushcare, Catchment Associations, Species-specific protection groups and Friends of groups.

[Register here](#)

Search the Atlas

Search the Atlas



Sharing biodiversity knowledge



Contributed by Australia's academic, scientific, environmental communities and you.

Get involved

Blogs & news

DATA
ClimateWatch now available on the Atlas of Living Australia

1 May, 2014

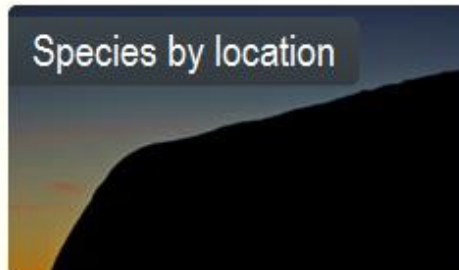
RSS Twitter My alerts

Explore

Australia's species



Species by location



Natural history collections



Mapping & analysis



Data sets



FieldData software



500 million records downloaded between Jan-April 2014

<http://www.ala.org.au/>



Learn about Trove

[A guide to Trove](#)

[How to correct newspaper text](#)

[How to order a copy of an item](#)

Contribute

Join the community that's organising and improving this information resource.

[91,518 newspaper text corrections today](#)

[2,803 images from users this month](#)

[16,925 items tagged this week](#)

[2,365 comments added this month](#)

[392 works merged or split this month](#)

[1,074 lists this month](#)

[Connect to others with similar interests on the Trove forum](#)

Anonymous

Milne Bay

Buna

Wewak

1943-1944

Research Data for Public Librarians

..... who support school kids

Data infused clients

A new opportunity

The Australian Curriculum places significant emphasis on the integration of ICT capabilities within science subjects. **It states** that Year 9 and 10 students will:

... employ their ICT capability to access information; collect, analyse and represent data; model and interpret concepts and relationships; and communicate science ideas, processes and information.

Research Data for Librarians

..... who do collection development
(and have a limited budget)

Where can I find research data?



re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES



more than 1,130 data repositories

most are freely accessible

Details and pamphlets
at back of the room

Ideas for Public Librarians

..... who want to try new things



USEFUL LINKS

GovHack
data.sa.gov.au
Subscribe to News



HOME

Welcome to GovHack Unleashed South Australia!

Unleashed is South Australia's annual open data competition which is part of the [GovHack](#) competition held across Australia and in New Zealand.

Registrations are now open for Unleashed 2015 on July 3-5.

- [Adelaide](#), Register [Here](#)
- Mount Gambier (SA) SAUnleashed + N3xGen – Register [Here](#)
- Playford (SA) N3xGen Node – Register [Here](#)
- Onkaparinga (SA) N3xGen Node – Register [Here](#)

FROM THE NEWS ROOM

Unleashed Connections
June 15, 2015

Media Release – SA Digital Entrepreneurs ready for Unleashed Challenge
June 11, 2015

Unleashed and N3xGen Registrations are live!
May 27, 2015

TWITTER: SAUNLEASHED

Check out new [#opendata](#) released for [#GovHack](#) [#SAUnleashed](#) <http://t.co/XhxR1THQfu>
07:10:34 AM JUNE 24, 2015 FROM HOOTSUITE

Check out this awesome video on Open Data and the Future of Science by Professor Geoffrey Boulton! <http://t.co/SiNf3Hzoic> [#opendata](#)
03:00:09 PM JUNE 23, 2015 FROM HOOTSUITE

Check out the new 'Fund My Idea' data set from DPC on Data SA! <http://t.co/eH70TPRz1I> [#opendata](#) [#SAUnleashed](#) [#GovHack](#)
12:15:17 PM JUNE 23, 2015 FROM HOOTSUITE

Follow [@saunleashed](#) 732 followers

Ideas for Public Librarians

**..... who want to know more
about Research Data**

(and have limited time)

Settle down with a cuppa and find out more
from Librarians who are into data

andsdata youtube research data librarians playlist

Becoming a (Research) Data Librarian...

Philippa Broadley, QUT
p.broadley@qut.edu.au



Subscribe to

andsUP

Join in (2016)

23 Things: Libraries for Research Data

An overview of practical, free, online resources and tools that you can begin using today to incorporate research data management into your practice of librarianship.

People don't need a data genius as much as a data guide—and that's what librarians are there for.

Celia Emmelhain May 18, 2015

People don't need a data genius as much as a data guide—and that's what librarians are there for.

Celia Emmelhain May 18, 2015

Librarians: **you** are the future in a ...



.... infused world

Acknowledgement

Australian National Data Service is funded by
the Commonwealth under the NCRIS Program

NCRIS

National Research
Infrastructure for Australia

An Australian Government Initiative

Questions from Public Librarians?

**..... who want to know more
about Research Data**

(and have limited time)

karen.visser@ands.org.au