



Discovering WA Government Data

*Introduction to Data WA + tips for finding
and accessing spatial data*

Landgate Systems & Design Analyst – Katherine Allan



data.wa.gov.au

Providing access to WA government data





Find data published by government

Search for data...



Getting started with data and the data toolkit

The data toolkit is the place to find helpful guides on preparing, publishing, and using data.



Creators

Data Custodians,
Specialists,
Scientists



Publishers

Data Administrators,
Officers & Analysts,
Data Managers



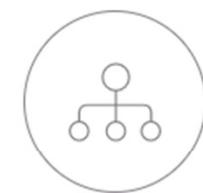
Developers

Software Engineers,
Programmers,
Startups



Professionals

GIS Professionals,
Data Scientists,
Analysts



Executives

Decision Makers,
Policy Makers,
Managers



Consumers

General Public,
Researchers,
Business



Location data services

DataWA is the home of SLIP - The Shared Location Information



ACCESS LEVEL

Open 1723Fees Apply 114Government Use Only 61Open - Login 34Mixed 25Restricted 5

FILTER BY LOCATION



Search datasets...



1,962 datasets found

Order by: Relevance [Cancelled Pastoral Appraisal Plans \(LGATE-316\)](#)

This data set is an index of the cancelled Pastoral Appraisal Plans. This series consists of (40, 80, 240, 300, 800) Chain Cancelled Public Plans of Western Australia. The...

[PDF](#) [WFS](#) [API ArcGIS Server Map Service](#) [WMS](#) [GeoPackage](#) [SHP](#) [mpk](#) [Threatened and Priority Fauna \(DBCA-037\)](#)

The Threatened and Priority Fauna data layer contains records of conservation significant fauna (native animals); those listed under Part 2 of the Western Australian...

[API ArcGIS Server Map Service](#) [WMS](#) [WFS](#) [.docx](#) [API ArcGIS Server Feature Service](#) [CSV](#) [GeoJSON](#) [GeoPackage](#) [SHP](#)
[mpk](#) [Swan Canning Riverpark Built Foreshores 2018 \(DBCA-065\)](#)

This data set was derived from the Riverbank Foreshore Management System, which aims to identify those foreshore areas most in need of works. This data set represents the most...



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Search for data...



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Organisations

[Groups](#)

[Showcases](#)

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[/ Organisations](#)

WHAT ARE ORGANIZATIONS

CKAN Organisations are used to create, manage and publish collections of datasets. Users can have different roles within an Organisation, depending on their level of authorisation to create, edit and publish.

Search organisations...



63 organisations found

Order by: [Name Ascending](#)

Federal Government

- [Australian Bureau of Statistics](#)
- [CSIRO](#)
- [Department of Infrastructure, Transport, Cities and Regional Development](#)
- [Geoscience Australia](#)
- [National Native Title Tribunal](#)

Non-Government Organisations

- [Cambridge Coastcare](#)
- [Northern Agricultural Catchments Council](#)
- [South Coast Natural Resource Management](#)
- [Western Australian Marine Science Institution](#)
- [World Wildlife Fund for Nature](#)



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WHAT ARE GROUPS

You can use CKAN Groups to create and manage collections of datasets. This could be to catalogue datasets for a particular project or team, or on a particular theme, or as a very simple way to help people find and search your own published datasets.

Search groups...

60 groups found

Order by: [Name Ascending](#) 

Aboriginal Communities
7 Datasets



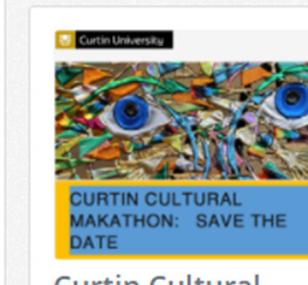
AgHack
Government and Innovators unite to solve validated agricultural problems...
26 Datasets



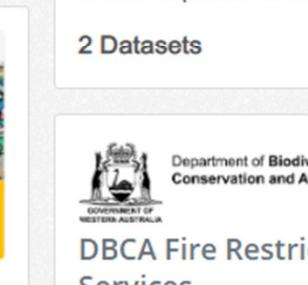
Australian Indian Ocean Territories
The Australian Indian Ocean Territories consist of two separate island...
2 Datasets



Boundaries



CURTIN CULTURAL MAKATHON: SAVE THE DATE
Curtin Cultural Makathon



Department of Biodiversity, Conservation and Attractions
DBCA Fire Restricted Services



WHAT ARE SHOWCASES?

Datasets have been used to build apps, websites and visualizations. They've been featured in articles, and written about in news reports and blog posts. Showcases collect together the best examples of datasets in use, to provide further insight, ideas, and inspiration.

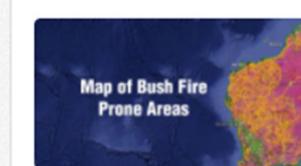
TAGS

[Main Roads Western Australia](#) 7[SLIP](#) 6[roads](#) 5[boundaries](#) 4[economic](#) 4[traffic](#) 4[Department of Water and](#)

Search showcases...

Order by: [Relevance](#)

35 showcases found

[Map of Bush Fire Prone Areas](#)

The Map of Bush Fire Prone Areas identifies land falling within, or partially within, a bush fire prone area of Western Australia as designated by the Fire and Emergency...

3 Datasets

[Index of Marine Surveys for Assessments \(IMSA\)](#)

The Index of Marine Surveys for Assessments (IMSA) is an online portal to information about marine-based environmental surveys in Western Australia. IMSA is a project of the...

0 Datasets

[Index of Biodiversity Surveys for Assessments \(IBSA\)](#)

The Index of Biodiversity Surveys for Assessments (IBSA) program provides industry, regulators and the community with an index of land-based biodiversity surveys conducted in...

0 Datasets





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Open 7

FILTER BY LOCATION



ORGANISATIONS

Department of Primary Industries and Regional Development 4

Department of Infrastructure, Transport, Cities and Regional Development 1

state barrier fence



7 datasets found for "state barrier fence"

Order by: Relevance ▾

[State Barrier Fence \(DPIRD-025\)](#)

Western Australia's State Barrier Fence (SBF) plays an important role in preventing animal pests such as wild dogs from moving into the State's agricultural areas from pastoral...

[url](#) [DOCX](#) [API ArcGIS Server Map Service](#) [mpk](#) [WFS](#) [WMS](#) [GeoPackage](#) [SHP](#) [Red Crab Migration Infrastructure - Crab Barriers – 2012](#)

This layer shows the location of red crab barriers on Christmas. It was provided by Geoscience by Christmas Island National Park staff in July 2012 as a shapefile. The only...

[SHP](#) [Wall Type or Fence](#)

This layer shows the location of Walls and Fences on the State Road Network. The Wall or Fence are a continuous vertical structure usually of brick, stone or wood, used as a...



State Barrier Fence (DPIRD-025)

Western Australia's State Barrier Fence (SBF) plays an important role in preventing animal pests such as wild dogs from moving into the State's agricultural areas from pastoral areas in the east. The fence is a state asset set within a 20 metre reserve, which is managed by the Department of Agriculture and Food, Western Australia.

This dataset defines the current SBF location. It does not include abandoned or proposed sections.

Access & Use Information

**OPEN**

This dataset is available for use by everyone

**LICENSE**

Creative Commons Attribution 4.0

**Preview in NationalMap**

Quickly view this data in a map using the Australian Government's online map-based tool, NationalMap.

Data and Resources

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Web Services & APIs



Data Downloads



Department of
Primary Industries and
Regional Development

GOVERNMENT OF
WESTERN AUSTRALIA

Ask a question about this dataset

Key Information

Published by

[Department of Primary Industries and
Regional Development](#)

Data theme

Primary Industries

Data last updated

18-05-2018

Update frequency

infrequently

Data custodian

[DPIRD Geographic Information Services](#)

Dataset contact

[DPIRD Geographic Information Services](#)

WMS allows a user to spatially visualise the dataset, and query individual features, but does not allow downloading the raw data.

This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as QGIS and ArcGIS.



Open - This dataset is available for use by everyone

[National Map](#)

[Map viewer](#)

[View Map Full-Screen](#)

[Show Workbench >](#)

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Disclaimer: NationalMap must not be used for navigation or precise spatial analysis Data61 CESIUM Data attribution

Lat 31.30565°S Lon 110.80432°E Elev

100 km



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Web Services & APIs



ArcGIS Server Map Service

An ArcGIS Server Map Service offers access to a...

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Web Feature Service

Web Feature Service (WFS) provides an interface...

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Web Mapping Service

Web Map Service (WMS) is a standard protocol...

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Data Downloads



Service Map Package

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Shapefile

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Resources



State Barrier Fence information

A link to the State Barrier Fence overview...

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DAFWA Reference Library Map - Current Western Australian state barrier fence (SBF)

A downloadable map showing the location of the...

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metadata statement

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infrequently

Data custodian

[DPIRD Geographic Information Services](#)

Dataset contact

[DPIRD Geographic Information Services](#)

Website

<https://www.agric.wa.gov.au/maps-and-data>

First published

25-10-2017

Metadata last updated

17-11-2020

Data source

[https://services.slip.wa.gov.au/public/rest/...](https://services.slip.wa.gov.au/public/rest/)

Temporal coverage

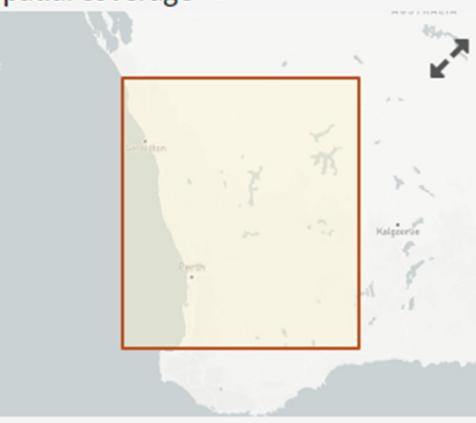
Geospatial theme

Buildings and Structures

Geospatial source projection

GCS_WGS_1984

Spatial coverage



Resources



[State Barrier Fence information](#)

A link to the State Barrier Fence overview...

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[DAFWA Reference Library Map - Current Western Australian state barrier fence \(SBF\)](#)

A downloadable map showing the location of the...

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[metadata statement](#)

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Tags

[Agriculture](#)

[SBF](#)

[State barrier fence](#)

[rabbit proof fence](#)

[sbf](#)

[wheatbelt](#)

[Groups containing this dataset](#)

[Applications featuring this dataset](#)



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Government and
Innovators unite to
solve validated
agricultural problems...



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**SLIP Public
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Structures Service**
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data service links and
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<https://www.agric.wa.gov.au/maps-and-data>

First published [i](#)

25-10-2017

Metadata last updated [i](#)

17-11-2020

Data source [i](#)

[https://services.slip.wa.gov.au/public/rest/...](https://services.slip.wa.gov.au/public/rest/)

Temporal coverage [i](#)

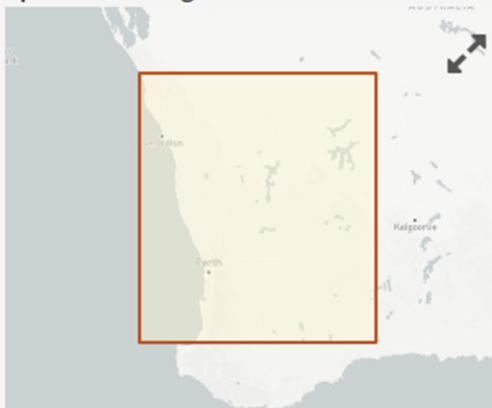
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Digital object identifier [i](#)

Citation [i](#)



ACCESS LEVEL

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FILTER BY

LOCATION

[Clear](#)

ORGANISATIONS

Department of Primary Industries
and Regional Development 4

FORMATS

API ArcGIS Server Map Service 4

DOCX 4

GeoPackage 4

mpk 1

SHP 4

Search datasets...



Order by: Relevance ▾

4 datasets found

Tags: [rabbit proof fence](#) x [State Barrier Fence \(DPIRD-025\)](#)

Western Australia's State Barrier Fence (SBF) plays an important role in preventing animal pests such as wild dogs from moving into the State's agricultural areas from pastoral...

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Indicative historic location of Number 2 rabbit proof fence of WA based on interpretation of available data.
Captured from existing fence data, vacant crown land parcels and...

[url](#) [DOCX](#) [API ArcGIS Server Map Service](#) [WMS](#) [mpk](#) [WFS](#) [GeoPackage](#) [SHP](#) [Historic - Number 3 Rabbit Proof Fence \(DPIRD-048\)](#)

Indicative historic location of Number 3 rabbit proof fence of WA based on interpretation of available data.
Captured from existing fence data, vacant crown land parcels and...

[url](#) [DOCX](#) [API ArcGIS Server Map Service](#) [WMS](#) [mpk](#) [WFS](#) [GeoPackage](#) [SHP](#) [Historic - Number 1 Rabbit Proof Fence \(DPIRD-046\)](#)

Indicative historic location of Number 1 rabbit proof fence of WA based on interpretation of available data.
Captured from existing fence data, vacant crown land parcels and...

[url](#) [DOCX](#) [API ArcGIS Server Map Service](#) [mpk](#) [WFS](#) [WMS](#) [GeoPackage](#) [SHP](#)

You can also access this registry using the API (see [API Docs](#)).



Layers

- Places and Addresses ...
- Boundaries ...
- DPIRD Fisheries Guide ...
- Buildings and Structures ...
 - State Barrier Fence (DPIRD-025) ...
 - Historic - Number 1 Rabbit Proof Fence (DPIRD-046) ...
 - Historic - Number 2 Rabbit Proof Fence (DPIRD-047) ...
 - Historic - Number 3 Rabbit Proof Fence (DPIRD-048) ...
 - Building Outlines (COP-030) ...
 - Historic Building Plans (COP-032) ...
 - Buildings of the South West agricultural region of WA (DPIRD-084) ...
- Education ...
- Environment ...
- Transport ...
- Defense ...
- Health ...
- Marine and Estuaries ...
- Terrain ...
- Infrastructure and Utilities ...
- People and Society ...

A satellite map of Western Australia showing the coastline and inland areas. A prominent blue line represents the State Barrier Fence, which follows the southern and western coastlines. Several other shorter black lines represent historic rabbit proof fences. The map is overlaid with a grid and includes a scale bar from 0 to 200 km and coordinates at the bottom.

Historic - Number 1 Rabbit Proof Fence (DPIRD-046)

Zoom to ...

+ - ⌂ ⌃ ⌁

0 100 200km

114.48771230 -34.06571406 Degrees

Esri, HERE, Garmin, FAO, I



Let's connect



data.wa.gov.au/lets-connect