Title	Habitat condition 2024 data package

Abstract	

This is the data package for the **habitat condition** indicator family, supporting the reports **NSW biodiversity outlook report 2024** and **Habitat condition: Report card supplementing the NSW biodiversity outlook report 2024**. This data package provides underlying data for the indicators **ecological condition of terrestrial habitat** and **ecological carrying capacity of terrestrial habitat**, reporting on results for 2007, 2013, 2017 and 2020.

This data package is a snapshot of the data used to calculate indicators as reported in the NSW biodiversity outlook report 2024 and supporting report cards.

Habitat condition indicator family

The **habitat condition** indicator family is an overall measure of the capacity of habitats to support the original complement of native species and ecosystems. The **ecological condition of terrestrial habitat** indicator estimates the quality of terrestrial habitat at each location based on its intactness and naturalness. The **ecological carrying capacity of terrestrial habitat** indicator considers ecological condition at each location, as well as how surrounding habitat loss and fragmentation affect the ability of ecosystems to function and species to forage, disperse or migrate.

NSW Biodiversity Indicator Program

The **Biodiversity Indicator Program** reports on the state and trends over time of biodiversity and ecological integrity in New South Wales. The program was established by the Biodiversity Conservation Act 2016. We have developed a framework of indicators to help scientists, managers and policy-makers understand the current state of biodiversity, how it has changed from the past, and how it is likely to change in the future.

NSW biodiversity outlook report

The **NSW biodiversity outlook report** is a summary of the state of biodiversity and ecological integrity in New South Wales. It is based on rigorous science and has been peer reviewed by recognised experts. New reports are published from time to time as data become available and are analysed. Each report covers the set of indicators from the framework that have been developed and are ready for publication at that time.

Report cards

Report cards are stand-alone documents that provide more detailed indicator results and commentary than the biodiversity outlook report.

Implementation reports

Implementation reports describe in technical detail how indicators are calculated. In combination with the corresponding data package, indicator results can be replicated by anyone with sufficient technical expertise.

Data packages

Each data package consists of tabular results and raw output such as spatial layers. Data packages provide supporting information for the NSW biodiversity outlook report and associated report cards. Data packages reflect results as presented in their corresponding report card and outlook report, creating an archive of the indicator results at the time of analysis.

Resource locator	
[Data Quality Statement](#)	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for Habitat condition 2024 data package
	Function: download
[Habitat condition: Report](#)	Name: Habitat condition: Report card supplementing the NSW biodiversity outlook report 2024

card supplementing the NSW biodiversity outlook report 2024

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Report card for the habitat condition indicator family, reporting on years 2007, 2013, 2017 and 2020

Function: download

Integrated model-data fusion approach to measuring habitat condition for ecological integrity reporting

Name: Integrated model-data fusion approach to measuring habitat condition for ecological integrity reporting

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Implementation report describing the original method for calculating indicators of **habitat condition** indicator family

Function: download

Updating habitat condition indicators: Implementation report supporting the NSW biodiversity outlook report 2024

Name: Updating habitat condition indicators: Implementation report supporting the NSW biodiversity outlook report 2024

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Implementation report describing updated methods for the habitat condition indicator family

Function: download

Habitat condition data dashboard

Name: Habitat condition data dashboard

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Link to the page for the dashboard for the habitat condition indicator family.

Function: download

Data package guide

Name: Data package guide

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Description of core files constituting the data package.

Function: download

Summary table

Name: Summary table

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Summary results of indicators for 2007, 2013, 2017 and 2020, aggregated by state, vegetation class and IBRA region.

Function: download

Workflow for ecological condition indicator

Name: Workflow for ecological condition indicator

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

High-resolution image of the workflow for the **ecological condition** indicator.

Function: download

Workflow for ecological carrying capacity indicator

Name: Workflow for ecological carrying capacity indicator

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

[Ecological condition (spatial layer) in 2007](#)	Function: download
	Name: Ecological condition (spatial layer) in 2007
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological condition values for each 90m cell for 2007.
[Ecological condition (spatial layer) in 2013](#)	Function: download
	Name: Ecological condition (spatial layer) in 2013
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological condition values for each 90m cell for 2013.
[Ecological condition (spatial layer) in 2017](#)	Function: download
	Name: Ecological condition (spatial layer) in 2017
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological condition values for each 90m cell for 2017.
[Ecological condition (spatial layer) in 2020 (post-fire)](#)	Function: download
	Name: Ecological condition (spatial layer) in 2020 (post-fire)
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological condition values for each 90m cell for 2020. Values for 2020 are based on 2017 with adjustment for the impact of the 2019-20 bushfires, and should be considered provisional.
[Ecological carrying capacity (spatial layer) in 2007](#)	Function: download
	Name: Ecological carrying capacity (spatial layer) in 2007
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological carrying capacity values for each 90m cell for 2007.
[Ecological carrying capacity (spatial layer) in 2013](#)	Function: download
	Name: Ecological carrying capacity (spatial layer) in 2013
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological carrying capacity values for each 90m cell for 2013.
[Ecological carrying capacity (spatial layer) in 2017](#)	Function: download
	Name: Ecological carrying capacity (spatial layer) in 2017
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Spatial layer (raster) of ecological carrying capacity values for each 90m cell for 2017.
	Function: download
	Name: Ecological carrying capacity (spatial layer) in 2020 (post-fire)

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Spatial layer (raster) of ecological carrying capacity values for each 90m cell for 2020. Values for 2020 are based on 2017 with adjustment for the impact of the 2019-20 bushfires, and should be considered provisional.

Function: download

Unique resource identifier

Code	b43fba0f-4fb9-4180-b53f-36f87469d293

Presentation form	Model digital

Edition	1.0

Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/b43fba0f-4fb9-4180-b53f-36f87469d293

Purpose	Legislative and Regulatory requirements

Status	Completed

Spatial representation type	None

Spatial reference system

Code identifying the spatial reference system	4283

Additional information source	Explain temporal

Topic category

Keyword set

keyword value	ECOLOGY
	ECOLOGY-Ecosystem
	ECOLOGY-Habitat
	ECOLOGY-Landscape

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	141
East bounding longitude	154
North bounding latitude	-37
South bounding latitude	-28
NSW Place Name	New South Wales

Vertical extent information

Minimum value	-100
Maximum value	2228

Coordinate reference system

Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711

Temporal extent

Begin position	2007-01-01
End position	N/A

Dataset reference date

Resource maintenance

Maintenance and update frequency	As needed

Contact info

Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Limitations on public access	

Responsible party

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Metadata date	2025-04-04T07:09:42.787522

Metadata language