

Abstract

This landing page is the collection of links to data packages supporting the [2020 outlook report](#) (first assessment) of the [NSW Biodiversity Indicator Program](#).

This is not the latest NSW biodiversity outlook report. Up-to-date publications as well as links to their corresponding data packages can be found on the [NSW biodiversity outlook report](#) page.

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. Case studies are used as auxiliary information to provide further insights.

Supplemental report cards

The 2020 outlook report was supplemented by 2 separate report cards for new indicators developed after the publication of the outlook report. These report cards provided results for the indicators: **invasive species** and **community appreciation of biodiversity**.

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.

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.

Indicators are continually improved

Results may differ between reports due to continual improvements in science and data. The Biodiversity Indicator Program is committed to continually improving indicators, so we update results where methods and data have improved since the results were previously reported. There can be lags between when changes in the state of biodiversity happen, when data become available for analysis, and when we publish results. [Our process](#) ensures that our science and research supports our decision making with the best available evidence at the time.

Resource locator

[Data Quality Statement](#)

Name: Data Quality Statement

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

Description:

Data quality statement for Data packages for the Biodiversity Indicator Program: First assessment

Function: download

[NSW Biodiversity Outlook Report 2020](#)

Name: NSW Biodiversity Outlook Report 2020

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

	<p>Description:</p> <p>Results from the Biodiversity Indicator Program: First assessment</p> <p>Function: download</p>
<p>Measuring biodiversity and ecological integrity in NSW: Method for the Biodiversity Indicator Program</p>	<p>Name: Measuring biodiversity and ecological integrity in NSW: Method for the Biodiversity Indicator Program</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Technical method for the Biodiversity Indicator Program</p> <p>Function: download</p>
<p>Expected diversity as an indicator of biodiversity status and trend</p>	<p>Name: Expected diversity as an indicator of biodiversity status and trend</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Implementation report for the indicator family: expected survival of listed threatened species and ecological communities</p> <p>Function: download</p>
<p>Expected survival of listed threatened species and ecological communities, Biodiversity Indicator Program</p>	<p>Name: Expected survival of listed threatened species and ecological communities, Biodiversity Indicator Program</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data package supporting the indicator family: expected survival of listed threatened species and ecological communities. Hosted on the CSIRO Data Access Portal.</p> <p>Function: download</p>
<p>Using representative sets of known species and habitat condition to inform change in biodiversity status</p>	<p>Name: Using representative sets of known species and habitat condition to inform change in biodiversity status</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Implementation report for the indicators: expected survival of all known species; within-species genetic diversity (all known species); and extant area occupied (all known species)</p> <p>Function: download</p>
<p>Expected survival and state of all known species, Biodiversity Indicator Program</p>	<p>Name: Expected survival and state of all known species, Biodiversity Indicator Program</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data package supporting the indicators: expected survival of all known species; within-species genetic diversity (all known species); and extant area occupied (all known species). Hosted by the CSIRO Data Access Portal.</p> <p>Function: download</p>
<p>A model-based indicator of capacity for biodiversity persistence using vascular plant records and habitat condition</p>	<p>Name: A model-based indicator of capacity for biodiversity persistence using vascular plant records and habitat condition</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Implementation report for the indicator: persistence of ecosystems</p> <p>Function: download</p>
<p>Integrated model-data fusion</p>	<p>Name: Integrated model-data fusion approach to measuring habitat condition for ecological integrity reporting</p>

[approach to measuring habitat condition for ecological integrity reporting](#)

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

Description:

Implementation report for the indicator family: **habitat condition**

Function: download

[Community appreciation of biodiversity, Biodiversity Indicator Program](#)

Name: Community appreciation of biodiversity, Biodiversity Indicator Program

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

Description:

Supplemental data package supporting the indicator: Community appreciation of biodiversity. Hosted by the CSIRO Data Access Portal.

Function: download

[Invasive species, Biodiversity Indicator Program](#)

Name: Invasive species, Biodiversity Indicator Program

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

Description:

Supplemental data package supporting the indicator: Invasive species (pests, weeds, disease). Hosted by the CSIRO Data Access Portal.

Function: download

Unique resource identifier

Code 367be98c-e727-4054-b162-762867fc94fd

Presentation form Document digital

Edition 1.0

Dataset language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/367be98c-e727-4054-b162-762867fc94fd>

Purpose Open data for scientific rigour

Status Under development

Spatial representation type None

Spatial reference system

Code identifying the spatial reference system 4283

Topic category

Keyword set	
keyword value	ECOLOGY-Habitat ECOLOGY FLORA-Native FAUNA-Native
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	-37.7
South bounding latitude	-28
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	1750-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
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	

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