Title	NSW Biodiversity Outlook Report: First assessment data packages

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

Description:

Results from the Biodiversity Indicator Program: First assessment

Function: download

Measuring biodiversity and ecological integrity in NSW: Method for the Biodiversity Indicator Program

Name: Measuring biodiversity and ecological integrity in NSW: Method for the Biodiversity Indicator Program

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

Description:

Technical method for the Biodiversity Indicator Program

Function: download

Expected diversity as an indicator of biodiversity status and trend

Name: Expected diversity as an indicator of biodiversity status and trend

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

Description:

Implementation report for the indicator family: **expected survival of listed threatened species and ecological communities**

Function: download

Expected survival of listed threatened species and ecological communities, Biodiversity Indicator Program

Name: Expected survival of listed threatened species and ecological communities, Biodiversity Indicator Program

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

Description:

Data package supporting the indicator family: **expected survival of listed threatened species and ecological communities**. Hosted on the CSIRO Data Access Portal.

Function: download

Using representative sets of known species and habitat condition to inform change in biodiversity status

Name: Using representative sets of known species and habitat condition to inform change in biodiversity status

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

Description:

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)**

Function: download

Expected survival and state of all known species, Biodiversity Indicator Program

Name: Expected survival and state of all known species, Biodiversity Indicator Program

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

Description:

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.

Function: download

A model-based indicator of capacity for biodiversity persistence using vascular plant records and habitat condition

Name: A model-based indicator of capacity for biodiversity persistence using vascular plant records and habitat condition

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

Description:

Implementation report for the indicator: **persistence of ecosystems**

Function: download

Integrated model-data fusion

Name: Integrated model-data fusion 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

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

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

Responsible party

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Metadata date	2024-05-07T23:12:27.695959

Metadata language