

Abstract

The 2013 land use captures how the landscape in NSW is being used for food production, forestry, nature conservation, infrastructure and urban development. It can also be used to monitor changes in the landscape and identify resulting impacts on biodiversity values and individual ecosystems.

The state wide land use data is a compilation of the best available land use information for NSW that was available in August 2017.

Land use and tenure datasets from a variety of projects have been compiled, these include;

- Landuse mapping 2017 - 1:10,000 scale mapping using 2013 SPOT 5 satellite imagery and ADS digital aerial imagery. Covering rural zoned, agricultural areas. These areas are applicable to Local Land Services Act 2016.
- NSW Horticulture mapping project - Fine scale mapping (1:5,000) mapping of horticulture production to the commodity level (where applicable), on the mid-north and north coast of NSW. This was in response to the outbreak of Panama disease, Tropical Race 4, found in a banana plantation in Northern Queensland. It is part of a collaborative mapping project to improve Biosecurity information between state jurisdictions and the commonwealth. It also covers plantation forestry for the project area.
- Hunter 2013 mapping - 1:10,000 scale mapping covering most of the Hunter catchment based on 2013 SPOT5 imagery. It was part of a pilot land use update trial for intended use in Department of Planning Regional Growth Plans. This is an update of the 2005 Land use Hunter catchment and 2008 Upper Hunter catchment land use mapping projects, also available on SDE and P drive.
- National Parks and State Forest Tenure mapping 2017
- Sydney Map sheet 2012 - Detailed urban mapping (1:10,000 scale) trial using high resolution Digital aerial imagery
- Existing Land use information (circa 2003) has been used for non-rural zoned areas and not covered by the other projects mentioned above. This component of the 2013 land use has a reliability scale of 1:25,000. The areas where the circa 2003 land use product used include; urban, industrial, commercial and environmental local government LEP (Local Environment Planning) zones. It also includes areas of metropolitan Sydney that are excluded from the LLS Act 2016.

Land use information has been captured in accordance with standards set by the Australian Collaborative Land Use Mapping Program (ACLUMP) and using the Australian Land Use and Management ALUM Classification. The ALUM classification is based upon the modified Baxter & Russell classification and presented according to the specifications contained in <http://www.agriculture.gov.au/abares/aclump/land-use/alum-classification>.

The 2013 land use, that was mapped for the purposes of the Local Land Services Act, was commenced in July 2016 and completed by August 2017. It covers all rural zoned (agricultural) areas, and was based on most appropriate SPOT5 imagery to represent land use at June 2013. It includes values in the attribute fields of source, source date, source scale, reliability and land use mapping (currency) date.

The reliability scale of areas mapped from 2012 onward is 1:10,000. For areas where circa 2003 land use information has been used the reliability scale is 1:25,000. This is identified in the source scale attribute for each feature in the dataset.

The date of the data set is set as the land use occurring at the time the imagery (satellite or aerial) was acquired, which can range from 2003 to 2013. This dataset was updated in August 2017 to include values in the attribute fields of Source, Source Date, Source Scale, Reliability and LU Mapping (Currency) Date.

A national catchment scale land use product is also available as a 50m raster - Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) <http://www.agriculture.gov.au/abares/aclump/land-use/data-download>.

Resource locator

[Show on SEED Web Map](#)

Name: Show on SEED Web Map

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

Description:

Display dataset on SEED's map

Function: download

[Data Quality Statement](#)

Name: Data Quality Statement

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

Description:

DQS - NSW Landuse 2013

Function: download

[ALUM Classification Codes - Detailed](#)

Name: ALUM Classification Codes - Detailed

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

Description:

Download Code Document

Function: download

[ALUM Classification Codes - Summary](#)

Name: ALUM Classification Codes - Summary

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

Description:

Download Code Document

Function: download

[NSW Landuse 2013](#)

Name: NSW Landuse 2013

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

Description:

Download Data Package

Function: download

Unique resource identifier

Code f77e43c8-eb46-4f5c-807f-2a6ef33a7306

Presentation form Map digital

Edition Not known

Dataset language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/f77e43c8-eb46-4f5c-807f-2a6ef33a7306>

Purpose Legislative and Regulatory requirements

Status Completed

Spatial representation

Type vector

Geometric

Object Type surface

Geometric Object Count 1043166

Spatial reference system

Code identifying the spatial reference system 4283

Equivalent scale 1:None

Topic category

Keyword set

keyword value Landuse
Australian Collabrative Landuse Mapping Program
ACLUMP
Horticulture
Environment
Plantation
Forestry
Cropping
Agriculture
Statewide
Modelling
Planning
Biosecurity
Land management

Originating controlled vocabulary

Title ANZLIC Search Words

Reference date 2008-05-16

Geographic location

West bounding longitude 141.079393

East bounding longitude 153.457031

North bounding latitude -36.680397

South bounding latitude -27.968782

NSW Place Name NSW

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 2003-01-01

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

Lineage

Parts of the NSW 2013 Land use is based on the NSW 2003 Land use dataset.

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	2017-08-31
Explanation	The spatial product maps land use to the NSW boundary.
DQ Completeness Omission	
Effective date	2017-08-31
Explanation	This spatial product does not contain gaps within the NSW boundary.
DQ Conceptual Consistency	
Effective date	2017-08-31
Explanation	This product may contain slithers of land use features, where 2003 land use information has been used to infill the state-wide coverage.
DQ Topological Consistency	
Effective date	2017-08-31
Explanation	The dataset is Topologically correct.
DQ Absolute External Positional Accuracy	
Effective date	2017-08-31
Explanation	Land use features mapped between 2012 and 2016 have a positional accuracy within 20m of a defined feature boundary. Data sourced from the 2003 land use have a positional accuracy of within 50m of a feature boundary. Tenure based information may have errors where the boundary may be out by 250m or greater. This is particular evident in rural areas.
Responsible party	
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
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Metadata date 2024-04-18T02:56:49.640524

Metadata language