Title	Lismore South East LGA Vegetation 2011. VIS_ID 4479
Alternative title(s)	LismoreLGA_2011_E_4479
Abstract	Fine-scale mapping of vegetation, including Endangered Ecological Communities (EECs) and Koala habitat across the Local Government Area (LGA). The mapping fulfills a fundamental requirement for the development of a Biodiversity Management Strategy (BMS) by Lismore City Council. The LGA was divided into three zones, designated by colour, reflecting differing levels of available background information, potential for landuse to conflict with biodiversity objectives and other threats. NPWS Estate including National Parks (NPs), Nature Reserves (NRs) and State Conservation Areas (SCAs) as well as State Forests (SFs) were outside the scope of the mapping project. Original field work was undertaken between November 2010 and June 2011. The mapping project commenced in Nov 2017 using 2009 aerial photography along with Sept 2012 imagery limited to the rural villages of Modanville, Dunoon and Nimbin. From May 2018 onwards the project used high resolution aerial photography taken in April 2018. Vegetation was classified by API mainly on the basis of spatial patterns, texture and colour calibrated by field observations. Non-plantation vegetation polygons were assigned to vegetation units on the basis of canopy dominant species. Vegetation communities were placed in Keith formations and classes. Vegetation condition was also recorded. Each vegetation polygon was assigned to a Koala habitat category based only on flora species present. A list of EECs reported or considered likely to occur in the LGA were also derived. A reliability code was allocated to each mapped polygon, according to the source of the data and/or the manner in which data was collected. VIS_ID 4479

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: Data quality statement for Vegetation of Lismore South East Local Government Area, 2011. VIS 4479 Function: download
Download Package	Name: Download Package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data and Documents Function: download
WMS	Name: WMS Protocol: WWW:DOWNLOAD-1.0-http--download Description:

	Web Map Service Function: download
REST Service	Name: REST Service Protocol: WWW:DOWNLOAD-1.0-http--download Description: ESRI REST Services Function: download

Unique resource identifier

Code	1ddc2788-ffc1-4488-b30c-891a94e21f6f

Presentation form	Map digital
Edition	1
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/1ddc2788-ffc1-4488-b30c-891a94e21f6f
Purpose	To map fine-scale vegetation in Lismore LGA
Status	Completed

Spatial representation

Type	vector
Geometric Object Type	complex

Spatial reference system

Code identifying the spatial reference system	4283

Spatial resolution	10 m
Additional information source	This replaces Lismore LGA vegetation map, 2008 (VIS_ID 20). Ref:Stewart, B., McKinley, A., Murray, A., and Hall. P. 2011. Vegetation mapping for the Lismore Local Government Area. Unpublished report for Lismore City Council. Landmark

Topic category

Keyword set	
keyword value	BOUNDARIES-Biophysical ECOLOGY-Habitat ECOLOGY-Community FLORA-Native VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	153.07374
East bounding longitude	153.44998
North bounding latitude	-29.0706
South bounding latitude	-28.52135
NSW Place Name	Lismore
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	2009-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	Lismore City Council
Responsible party role	pointOfContact

Lineage

The aim of the project was to produce fine scale vegetation mapping for the ‘Green Zone’ of the Lismore LGA identifying vegetation communities, endangered ecological communities and koala habitat. The mapping was to be completed using LPI high resolution digital photography. At the time the project was commissioned, aerial photography available for the study area was limited to the LGA-wide 2009 series (used for the 2011 vegetation mapping project). The project commenced in November 2017 using 2009 aerial photography, along with September 2012 imagery limited to the rural villages of Modanville, Dunoon and Nimbin. From May 2018 onwards, the project used high resolution aerial photography taken in April 2018.

The project team comprised Annette McKinley (Landmark), Barbara Stewart (Landmark), Andrew Murray (A.S. Murray & Associates), and Wendy Neilan (LCC). Annette McKinley and Andrew Murray undertook the GIS work.

Vegetation map derived from existing mapping, species lists, Scientific Committee Determinations for EECs, GIS layers (air photos, soils and geology, drainage, cadastre, zoning, landform, flood level).

Existing mapping and species lists were used for reference; however, for consistency it was judged advisable and most efficient to apply the image analysis, air photo interpretation and field checking methods of the current project in the same manner across all vegetation in the study areas.

2021: Lismore Council requested the vegetation layer be made available to the public via SEED. Running through a topology check to include it in DPIE corporate systems it was found to have thousands of overlap errors (mainly minute slivers). The dataset was resupplied back to Landmark. Andrew Murray manually fixed each error and provided a clean dataset. To make sure, the ET GeoWizard tools "Clean Polygon Layer" was run over it again and this only showed one multi polygon that required splitting. Sliver gaps were not eliminated because, by nature of the fragmented vegetation coverage, there were too many valid gaps to do this assessment.

Limitations on public access

Scope	dataset

DQ Topological Consistency

Explanation	Geometrically correct. Topology errors exist.

Responsible party

Contact position	Data Broker
Organisation name	Lismore City Council
Responsible party role	pointOfContact

Metadata point of contact

Contact position	Data Broker
Organisation name	Lismore City Council
Responsible party role	pointOfContact

Metadata date

2024-02-26T15:34:49.004445

Metadata language