

Title	Byron LGA Vegetation 2021 VIS_ID 5109
Alternative title(s)	ByronLGA_2019_E_5109
Abstract	<p>Byron Shire Council Vegetation was mapped using a combination of aerial photograph interpretation (API), reviewing existing information (eg. vegetation survey data from various council and state government projects), and on-ground site inspections. It was originally mapped in 2015 from 2009 and 2012 aerial photography, updated spatially by Landmark Ecological Services Pty Ltd in 2017 along with PCT classes, and slightly revised in 2019 and again in 2021.</p> <p>VIS_ID 5109</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Byron LGA Vegetation 2019 VIS_ID 5109</p> <p>Function: download</p>
Download Package	<p>Name: Download Package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data (Shapefile)</p> <p>Function: download</p>
Unique resource identifier	
Code	08d70f00-249c-402a-a910-ad5eb052cbb8
Presentation form	Map digital
Edition	21/06/2021
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/08d70f00-249c-402a-a910-ad5eb052cbb8
Purpose	In accordance with the Project Brief for creating an revised vegetation layer (with PCT classifications)for Byron Shire
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	complex

Geometric
Object Count 20

Spatial reference system

Code
identifying the
spatial
reference
system 4283

Equivalent
scale 1:None

Additional information source

Vegetation mapping commissioned by Council.

These data update/replace older data known as Byron_LGA_VISmap_6.

Report to BYRON SHIRE COUNCIL, Updating Vegetation Mapping -Stage 2,(production of a digital remnant vegetation layer)

for Byron Shire Local Government Area,Contract No. BSC/2006-00132, Prepared by Ecograph and Terrafocus Pty Ltd, June, 2007.

Footprint only supplied. Download package includes a readme file with information about data access.

Topic category

Keyword set	
keyword value	VEGETATION FLORA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	153.329885
East bounding longitude	153.638077
North bounding latitude	-28.761509
South bounding latitude	-28.46018
NSW Place Name	Byron Bay LGA
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	2014-01-01
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

Lineage

Description: Vegetation was mapped using a combination of aerial photograph interpretation (API), reviewing existing information (eg. vegetation survey data from various Council and state government projects), and on-ground site inspections. Refer to HPE document # E2017/3974 for more detailed information about the work undertaken.

Original API & GIS by Annette McKinley & Andrew Murray. Landmark Ecological Services P.L. - landmark@landmarkonline.com.au A.S.Murray & Associates - botanista@gmail.com

Below is a breakdown by year of how the linework and table information evolved:

2014-2016: Vegetation mapping of Byron Shire from aerial photography and limited field checking. Aerial photography commenced based on supplied 2009 Shire-wide photography (AP_byron_shire_25k_0909.gdb) with Town and Village aerial photography dated Sept. 2012 and May 2013 Coastline layer. NearMaps photography via WMS was used for those areas where available, dating from April 2014 to May 2015.

2017: Landmark Ecological Services (Landmark) was contracted by Byron Shire Council to review and update Council's current shire wide vegetation mapping to improve the accuracy of line work, classification of polygons and reflect changes in vegetation cover since the last review. Additionally the vegetation classification was updated to be consistent with the requirements of the Native Vegetation Interim Type Standards (Sivertsen 2009). The layer had been created prior to the implementation of the BioNet vegetation classification manual, the fields PCT_comm and PCT_code were assigned from Vegetation classification for the Northern Rivers catchment area of New South Wales - Appendix 8: Vegetation community profiles and the review in 2017 identified and assigned draft PCTs that were undescribed or inconsistent with the BioNet classifications.

2019: dataset has been updated to incorporate feedback from consultation with land owners as a result of the introduction of eZones to the 2014 Byron Shire Council LEP, and some ground truthing undertaken by Jo Green.

2021: DPIE requested the vegetation layer. Running through a topology check to include it in DPIE corporate systems it was found to have thousands of overlap errors (mainly minute slivers) and so using the ET GeoWizard tools "Clean Polygon Layer", these were eliminated. The Dissolve tool was then applied to the ETGW created field 'ET_ID'. This 'merged overlaps' and reduced the number of polygons to 20531. The original fields were then permanently joined to the new attribute table. In this process, sliver gaps were not eliminated because, by nature of the fragmented vegetation coverage, there were too many valid gaps to do this assessment. However, the consultant (Andrew Murray) insisted on manually examining and fixing/fine tuning the layer and "worked through the 10000+ gaps and a bunch of errors in overlap choices made by ETGeoWizards. On the way there were some offsets caused by a range of pre-2015 photography with various georeferencing differences being used early in the project. Where these were noticeable they were corrected, but some polygons will appear still poorly aligned with the 2015 base image. In addition there were polygons deleted where the vegetation had been cleared by April 2015 (photo date of most recent shire-wide georeferenced image used in the project)". The resultant layer has 20472 polygons - 50 or so polygons generated by the ETGeowizards (20531_polys) were eliminated. The final edit date is 16 August 2021 (and this date is listed as the VerDate in table)

Limitations on public access

Scope	dataset
-------	---------

DQ Completeness Commission

Effective date	2009-01-10
----------------	------------

DQ Completeness Omission

Effective date	2009-01-10
----------------	------------

DQ Topological Consistency

Explanation	Checked for missing attributes All attributes were checked
-------------	--

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
Responsible party role	pointOfContact

Metadata point of contact

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

Metadata date 2024-02-26T13:49:41.278155

Metadata language