Title	Byron LGA Vegetation 2007 VIS_ID 6
Alternative title(s)	ByronLGA_2007_E_6
Abstract	Byron Shire Council Vegetation mapped by Ecograph and Terrafocus Pty Ltd, June, 2007. VIS_ID 6

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Byron LGA Vegetation 2007 VIS_ID 6 Function: download
Vegetation ByronLGA 2007 6	Name: Vegetation ByronLGA 2007 6 Protocol: WWW:DOWNLOAD-1.0-http--download Function: download

Unique resource identifier

Code	990577f0-6044-4452-b740-79aa244467e2

Presentation form	Map digital
Edition	unknown
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/990577f0-6044-4452-b740-79aa244467e2
Purpose	In accordance with the Project Brief for creating a digital remnant vegetation layer for Byron Shire (Stage 2) Contract No. BSC/2006-00132 (#607542)
Status	Completed

Spatial representation

Type	vector
Geometric Object Type	curve
Geometric Object Count	1

Spatial reference system

Code identifying the spatial reference system	4283

Equivalent scale	1:None

Additional information source	Vegetation mapping commissioned by Council. Metadata entered by OEH. 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

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	2007-06-01
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

Linework and attributes were scanned from individual transparent overlays (600 dpi Greyscale). The individual rasters were then georeferenced and orthorectified using a Digital Terrain Model generated from Byron Shire Council's contour coverage. The orthorectified raster images were reduced to a binary image and merged into blocks of 5 photographs. Ground control was established from points provided on the overlays or from a combination of Stereoscopic interpretation of the photographs in conjunction with cadastral and contour

layers plotted onto transparent film.

The Initial GIS Tasks were completed on a shire wide basis. The API / Fieldwork and Final GIS Tasks then proceeded in tandem and were staged to allow delivery of updated mapping on a mapsheet by mapsheet basis. For the purposes of this project the shire was divided into 15 @ 1:12500 mapsheets. The mapsheets were positioned to align with two of the 2004 digital orthophoto tiles.

Initial GIS Tasks (Shire Wide basis)

1. Edit / update the 2006 bushland boundary layer from Stage 1 to reflect any changes considered necessary after examination by Council officers.
2. Buffer the existing vegetation attribute data (F and F Study 1999) by a small amount determined by expert ecological panel (considerations included, but not limited to, vegetation type, association and structure). This process rectified many small spatial inconsistencies between the two datasets.
3. Merge the 2006 bushland boundaries with the buffered vegetation attribute data and pertinent Byron Bay Suffolk Park and Ewingsdale LEP 2005 datas .
4. Extract 2006 bushland boundaries with associated coincident veg typing attributes.
5. Filter by spatial algorithm and manual inspection to rectify issues associated with small sliver polygons and other unwanted vector artefacts generated during the merge process.
6. Merge 2006 vegetation data with RTA GIS linework to identify bushland areas impacted by recent Pacific Highway upgrades between Brunswick Heads and Yelgun. Query and re-process resultant dataset.
7. Merge 2006 vegetation data with 2000 DPI / Fisheries data to identify additional Saltmarsh and Seagrass areas. Note: This task was additional to those outlined in the project proposal.
8. Query the dataset to produce mapping identifying the remaining bushland areas with no vegetation attribute data (non coincident areas) and determine fieldwork prioritisation attributes.
9. Prepare mapping products (transparencies and hardcopy) for API / Fieldwork specialist.

Air Photo Interpretation (API) / Fieldwork Tasks

Perform API / Fieldwork to collect attributes for un-typed bushland areas. Where possible the attribute set emulated those collected for the 1998 FandF Study:

The attribute schema available in the updated dataset is:

• Poly_Id - Numeric - Unique polygon identifier

• Va_id - Numeric - ID for Vegetation association

• Va_code - Text - Code for Vegetation association

• Va_desc - Text - Description of Vegetation association

• Bushland - - Numeric identifier for bushland (> 0)

• Vc_id - Numeric - ID for Vegetation community

• Vc_Desc - Text - Description of Vegetation community

• F_id - Numeric - ID for fieldwork category

• F_desc - Text - Description of fieldwork category

• Cc_code - Text - Code for Camphor Laurel infestation category

• Cc_desc - Text - Description of Camphor Laurel infestation category

• W_code - Text - Code for weed infestation category

• W_desc - Text - Description of weed infestation category

• S_code - Text - Code for Eucalypt senescence category

• S_desc - Text - Description of Eucalypt senescence category

• Source - Text - Vegetation attribute data source

• Src_code - Text - Any veg codes associated with source mapping

• Src_desc - Any descriptive comments associated with source mapping

• Area - Numeric - Polygon area in square meters

• Perimeter - Numeric - Polygon perimeter in meters

• Hectares - Numeric - Polygon area in hectares

• Comments - Text - Additional polygon specific information

Initial efforts concentrated on collecting attributes for all un-typed bushland over .5 hectare on 2 of the 15 @ 1:12500 mapsheets

On completion of the two sheets (1 and 7) a meeting was convened to consider progress and a system of prioritisation adopted to allow consistent coverage of the remainder of the shire within the remaining API/Fieldwork budget.

All discrete polygons over 2 hectares across the LGA were typed during the remainder of the API / Fieldwork effort.

Any un-typed bushland areas remaining after the 200 hours of API/Fieldwork are maintained in the dataset as remnant bushland without detailed floristic and structural attributes. These polygons have a value of 'Bushland – No Attributes' in the VA_DESC field of the associated GIS database.

Final GIS Tasks (Mapsheet basis)

1. Update vector linework and attribute tables to reflect results of API / Fieldwork.
2. Validate vector data to remove any redundant linework resulting from attribute update.
3. Produce draft mapping and GIS data for inspection and comment by Council officers.
4. Incorporate changes identified during scrutiny of draft products
5. Produce Final GIS data and Shire wide mapping
6. Data export and report writing.

New Vegetation Association Attributes

The following 8 additional vegetation association categories were created during the update:

1. CC Camphor /Casuarina (mix of varying proportions.)
2. L Landscaping (areas containing obvious plantings of either native plants, exotic plants or a combination of both. Often contains camphor laurel.)
3. Wi Windbreak (usually contains eucalypt, pine or camphor species)
4. Pl Plantation (type not identified)
5. Ple Plantation (eucalypt)
6. Plp Plantation (paperbark)
7. Plr Plantation (rainforest)
8. SGRASS Seagrass. (extracted from DPI / Fisheries mapping)

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

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Metadata date

2024-02-26T13:46:59.345435

Metadata language