

Title	Tweed LGA Vegetation 2012. VIS_ID 3912
Alternative title(s)	TweedLGA_2012_E_3912
Abstract	<p>Tweed Shire Council Local Government Area Vegetation Mapping from various sources including Comprehensive Regional Assessment (CRA) data and further refined up to 2012.</p> <p>In 2011 an update of the mapping was undertaken by Mark Kingston and Peter Hall. The bushland boundaries of Council's existing vegetation mapping layer were updated and revised at approximately 1:5000 scale consistent with shire wide aerial photography captured during October 2009. Real and apparent changes to bushland between 2007 and 2009 are also reported. Boundaries between vegetation communities within areas of bushland were not updated.</p> <p>NB. The current version was finalised January 2012 but was named Tweed_veg_2009_update by the Council since it was updated using Aerial Photography from 2009. VIS_ID 3912.</p>
Resource locator	
Show on SEED Web Map	<p>Name: Show on SEED Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Display dataset on SEED's map</p> <p>Function: download</p>
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>DQS for Tweed Vegetation Map</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 and Documents</p> <p>Function: download</p>
WMS	<p>Name: WMS</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Web Map Service</p> <p>Function: download</p>
REST Service	<p>Name: REST Service</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>ESRI REST Services directory</p> <p>Function: download</p>
Unique resource identifier	
Code	e18f8b65-56bd-4ae7-907b-dbfef0f58991

Presentation form	Document digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/e18f8b65-56bd-4ae7-907b-dbfef0f58991
Purpose	To update Tweed Shire Council's vegetation map.
Status	Completed
Spatial representation	
Type	vector
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.Kingston,M and Hall,P. (2011). Report on Update of Tweed Shire Council Vegetation Mapping 2011. Unpublished report. October, 2011.Mark Kingston -Tweed Shire Council (email: mkingston@tweed.nsw.gov.au)Peter Hall (email: peterhall@limpinwood.net)
Topic category	

Keyword set	
keyword value	VEGETATION VEGETATION-Floristic
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	153.3073
East bounding longitude	153.6797
North bounding latitude	-28.4356
South bounding latitude	-28.1003
NSW Place Name	Tweed
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	2007-01-01
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

Baseline data for the project were provided by TSC:

1. Vegetation mapping (TWEED_SP_VEG2008_UPDATE.shp). This layer originated from the Tweed Vegetation Management Plan 2004 (TVMS) and was previously updated in 2008 based on 2007 aerial photography.
2. 2009 Orthophoto tiles (Hinterland @ .35 mtr pixel; Flown October 2009)
3. 2009 Orthophoto tiles (Coastal and hinterland villages @ .15mtr pixel Flown October 2009)
4. 2007 Orthophoto tiles (LGA; Flown May 2007)

The following steps were undertaken to revise and update the vegetation mapping supplied:

1. Pre-processing to filter and remove very small polygons. The existing vegetation mapping contained approx 2500 island polygons, less than 1000 sq metres, that were recorded as "Not Assessed" vegetation type. The linework for these polygons had been derived programmatically via image analysis some years ago. At that time the available imagery was at a much coarser scale and the orthorectification was not as precise as is currently available. Examination of these polygons against the .15 pixel 2009 photographs revealed that many were subject to some degree of spatial misalignment. After discussion with Mark Kingston and John Turnbull (TSC) it was decided to remove the polygons from the vegetation layer. These polygons were tagged and appended to the editing layer described below.
 2. Visual comparison of 2007 and 2009 aerial photos. This stage involved the creation of an "edit" layer to identify and classify areas of actual and apparent change within the following categories:
 3. Incorporation of edits into vegetation layer. The existing vegetation layer was intersected with the editing layer, the linework and attributes updated and a new vegetation layer produced. Additional areas of bushland (code 1 above) identified during the update were ascribed the "Not Assessed" vegtype category. Adjacent polygons with the same attributes were dissolved.
 4. Post-processing to remove overlay artifacts. The vegetation layer was exported to TNTMips for an automated, controlled removal of several thousand small polygons (intersection artifacts) that satisfied any of the following criteria:
 - Any "Not Assessed", non-island veg polygon less than 1000 sq m
 - Any "Not Assessed" veg polygon less than 2500 sq mtrs with extreme compactness ratio (>3) adjacent to a single bushland polygon
 - Any polygon less than 250 sq m
- Polygons falling into any of these categories were amalgamated with the adjacent bushland polygon.
1. Data export
- The updated vegetation and edits layers were topologically validated and exported to ArcGIS filegeodatabase format.

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	2001-01-01
DQ Completeness Omission	
Effective date	2001-01-01
DQ Conceptual Consistency	
Effective date	1900-01-01
DQ Topological Consistency	
Effective date	1900-01-01
DQ Absolute External Positional Accuracy	
Effective date	1900-01-01
DQ Non Quantitative Attribute Correctness	
Effective date	1900-01-01
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
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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	2024-02-26T13:04:41.350783
Metadata language	