Title	Vegetation of the Cessnock-Kurri Region - Disturbed VIS_ID 186	
Alternative title(s)	CessnockKurri_LGA_Dist_186	
Abstract	A vegetation survey, classification and mapping program of the Cessnock-Kurri region was carried out during 2006-07 by Stephen Bell and Colin Driscoll. The survey was principally to clarify the composition and distribution of three Endangered Ecological Communities (EECs). Nearly 70000ha of land was examined between the foothills of the Watagan Range in the south, the Corrabare and Broken Back Ranges in the west, North Rothbury in the north, and the Wallis Creek floodplain in the east. The main aim of the study was to identify, classify and map all extant vegetation within the study area, as well as to provide a pre-1750 vegetation map of the area.; Vegetation Condition and Disturbed Vegetation mapping components were also included, to assist in determining priorities for future rehabilitation of sensitive lands. VIS_ID 186	
Resource locator		
Data Quality	Name: Data Quality Statement	
Statement	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Data quality statement for Vegetation of the Cessnock-Kurri Region - Disturbed VIS_ID 186	
	Function: download	
<u>Vegetation</u>	Name: Vegetation CessnockKurri LGA Dist 186	
CessnockKurri LGA Dist 186	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Function: download	
Unique resourd	ce identifier	
Code	25b83ec4-959e-478e-86d0-caf4622f7449	
Presentation form	mapDigital	
Edition	unknown	
Dataset language	eng	
Metadata stan	dard	
Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata	
Version	1.1	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/25b83ec4-959e-478e-86d0-caf4622f7449	
Purpose	Vegetation Mapping	
Status	completed	
Spatial representation		
Туре	vector	
Spatial reference system		
Authority code	GDA94 Geographic (Lat\Long)	

Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Bell, S.A.J. & Driscoll, C. (2007) Vegetation of the Cessnock-Kurri Region, Cessnock LGA, New South Wales:; Survey, Classification & Mapping. Unpublished Report to Department of Environment & Climate Change.; Eastcoast Flora Survey. November 2007.
Topic category	

Keyword set			
keyword value	VEGETATION-Floristic		
Originating controlled vocabulary			
Title	ANZLIC Search Words		
Reference date	2008-05-16		
Geographic location			
West bounding longitude	151.2958		
East bounding longitude	151.6683		
North bounding latitude	-32.9799		
South bounding latitude	-32.6074		
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	2000-01-01		
End position	N/A		
Dataset reference date			
Date type	publication		
Effective date	2012-08-30		
Resource maintenance			
Maintenance and update frequency	None		
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Responsible party role	pointOfContact		

Lineage

All vegetation was surveyed and mapped via an exhaustive ground-truthing program, involving nearly 17000 ground control data points. A targeted sampling methodology using 0.04ha survey plots was performed on the vegetation for newly collected data (~100 plots), which when combined with pre-existing good quality data provided 284 plots for analysis. Classification of all data was undertaken using the PATN hierarchical clustering program, defining vegetation communities at the 0.6 to 0.7 level of dissimilarity. This classification was also supported by several regional data analyses of significant vegetation, such as existing EEC's or candidate EEC's, which showed existing and newly-defined communities to be robust. Mapping of vegetation communities incorporated the results from data analysis, aerial photographic interpretation and extensive ground truthing.; ; The vegetation mapping process began with the generation of a base community layer in Manifold � GIS, extrapolating using Voronoi areas from the Rapid Data Points collected (Section 2.2), and the associated unit tags. The Voronoi area algorithm creates polygons such that the boundary of the polygon lies halfway between the next neighbouring point in any direction; in the absence of any other information as to where a community boundary lies, halfway is the only acceptable assumption. Within MapInfo � GIS, this linework was then overlaid onto digital orthorectified aerial photographs supplied by Lands & Property Information (LPI, 2004), and each polygon edited where necessary to reflect observable changes in photopatterns (eg. riparian vegetation, rainforest patches) which the extrapolation process did not adequately mirror. Subsequent to this, additional interpretation of areas was undertaken on-screen to highlight potentially different types of vegetation for later groundtruthing, and to apply vegetation condition codes to individual polygons. At all times in the vegetation mapping process, reference was made to the data collected during the RDP phase to confirm specific vegetation units. In some cases, perimeters of certain vegetation types were walked with a hand-held GPS to further refine the map.

Limitations on public access

Scope dataset

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Responsible party role distributor

Metadata date 2007-06-01

Metadata language eng