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| Title | Vegetation of the Cessnock-Kurri Region - Pre1750 VIS_ID 184 |
| Alternative title(s) | CessnockKurri_LGA_P_184 |
| 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 184 |
| Resource locator | |
| Data Quality Statement | Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Vegetation of the Cessnock-Kurri Region - Pre1750 VIS_ID 184 Function: download |
| Vegetation CessnockKurri LGA P 184 | Name: Vegetation CessnockKurri LGA P 184 Protocol: WWW:DOWNLOAD-1.0-http--download Function: download |
| Unique resource identifier | |
| Code | fe620f05-522c-48e3-959f-0dec22a2f728 |
| 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/fe620f05-522c-48e3-959f-0dec22a2f728 |
| Purpose | Vegetation Mapping |
| Status | Completed |
| Spatial representation | |
| Type | vector |
| Geometric Object Type | curve |
| Geometric | 1 |

Object Count

Spatial reference system

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 Unpublished Report to Department of Environment & Climate Change.; Eastcoast Flora Survey.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

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| Keyword set | |
| keyword value | VEGETATION-Floristic |
| Originating controlled vocabulary | |
| Title | ANZLIC Search Words |
| Reference date | 2008-05-16 |
| Geographic location | |
| West bounding longitude | 151.2224 |
| East bounding longitude | 151.542718 |
| North bounding latitude | -32.963647 |
| South bounding latitude | -32.648717 |
| 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 | |
| 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 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 ground-truthing, 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

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

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Metadata date 2024-02-26T14:40:45.623272

Metadata language