

Title	Multi Attribute Data - Brunswick River Catchment - Landform and Condition Dataset
Abstract	<p>The multiple attribute mapping process provides a vector based inventory of the landscape in terms of slope, terrain, landuse, vegetation, presence of tree regrowth, tree and shrub canopy density, presence of understorey, soil erosion condition, and rockiness. Mass movement and soil conservation measures are mapped where they exist, as is a selected range of weed species. These characteristics of the land are part of the larger set of characteristics that can be mapped using the NSW Dept. of Land and Water Conservation's full set of attribute codes. This set of codes are termed the Standard Classification for Attributes of Land (SCALD). The value of the attribute mapping is that the data objectively characterises the land and can be used for a range of land uses and land management purposes. This system of mapping maximises the efficiency of GIS operation by describing a number of attributes into one polygon, avoiding problems caused by overlaying of different data sets. Mapping is carried out at 1:25000 scale using base maps from the NSW Land Information Centre medium scale topographic series. Outputs are most useful at the sub-catchment or regional scale but not at property level. The data are extremely valuable at the river basin scale for integrated catchment planning programmes. The information can, however, be useful as a first level of information in property planning exercises.</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>Multi Attribute Brunswick NSW</p> <p>Function: download</p>
Brunswick River Multi Attribute	<p>Name: Brunswick River Multi Attribute</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download data and documents</p> <p>Function: download</p>
Unique resource identifier	
Code	ff123030-671a-45c1-874d-906d4a37cb9c
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/ff123030-671a-45c1-874d-906d4a37cb9c
Purpose	Natural Resource Management
Status	Completed
Spatial representation	
Type	vector

Geometric Object Type curve

Geometric Object Count 4169

Spatial reference system

Code identifying the spatial reference system 4283

Equivalent scale 1:None

Additional information source A more detailed description of the attribute classes may be found in the Standard Classification for Attributes of Land (SCALD) (DLWC). Two reports titled 'Natural Resource Study of the Tweed River Catchment' and 'Natural Resource Study of the Brunswick River Catchment' Report 1: Introduction and Methodology, April 1998, by A. Hamilton and G. Short, is also available.

Topic category

Keyword set

keyword value Environment and Conservation
Brunswick
land
soil
catchment
Multi Attribute

Originating controlled vocabulary

Title ANZLIC Search Words
Reference date 2008-05-16

Geographic location

West bounding longitude 153.368499

East bounding longitude 153.638455

North bounding latitude -28.707631

South bounding latitude -28.469082

NSW Place Name Brunswick

Vertical extent information

Minimum value -100

Maximum value 2228

Coordinate reference system

Authority code urn:ogc:def:cs:EPSG::

Code identifying the coordinate reference 5711

Temporal extent

Begin position 1994-01-01

End position N/A

Dataset reference date

Resource maintenance

Maintenance and update frequency Not planned

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

Multiple attribute mapping was developed from erosion/land use mapping carried out by DLWC and precursor organisations. It was developed to interact efficiently with GIS's to record a large number of attributes in a single assessment and to simplify the process validation of data during field inspections. Linework is based on aerial photograph interpretation by staff with backgrounds in natural resource assessment. Quality assurance procedures are in place to maintain standards in API, mapping and classification. Mapping was undertaken by Andrew Hamilton and Graeme Short using the following 1:25 000 colour aerial photographs provided by the Land Information Centre, Bathurst: Ballina 1991 Lismore 1991 Murwillumbah 1991 Tweed Heads 1991 Polygons attributed with - slope, terrain, land use, vegetation community, vegetation regeneration, tree and shrub canopy density, presence of understorey, soil erosion, mass movement and soil conservation activity and rockiness. Definitions are based on Australian Standards where applicable or departmental standards elsewhere. Metadata imported.C:\Program Files\ArcGIS\Metadata\ANZMeta\Thesaurus\temp.xml2008021511363400Metadata imported.D:\MultiAttribute_Brunswick.xml2008060409533600Dataset copied.\GRARO\GIS\gisdata_GDA94\NATRES.mdb2008082214553700

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	2009-01-10
Explanation	Mapping is complete for the Tweed/Brunswick river catchment areas. Mapping was carried out on 1:25 000 scale topographic maps from 1:25 000 scale aerial photography. Linear features less than 100 m in length were not represented. No minimum exclusion or inclusion area was set due to the nature of the mapping. Map legends are compact and standardised, carrying only limited descriptive information. Users of the data are urged to consult the Standard Classification for Attributes of Land (SCALD) for a full listing of the categories used and Landscape Assessment Unit staff for assistance with interpretation of the data.
DQ Completeness Omission	
Effective date	2009-01-10
DQ Conceptual Consistency	
Effective date	1900-01-01
Explanation	Logical consistency tests performed include label errors, overshoots, undershoots, polygon closures and topological consistency. These tests ensure that all classified polygons are closed, nodes are formed at the intersection of lines and that there is only one label within each polygon, etc
DQ Topological Consistency	
Effective date	1900-01-01
DQ Absolute External Positional Accuracy	
Effective date	1900-01-01
Explanation	The estimated positional accuracy of the linework is between 12.5m and up to 75m dependent on the intensity of pre-existing locational reference data (such as contours and cadastral, etc).
DQ Non Quantitative Attribute Correctness	
Effective date	1900-01-01
Explanation	Land characteristics are interpreted from aerial photography (dated between 1993 - 1997) by experienced Landscape Assessment Unit staff using the Standard Classification for Attributes of Land (SCALD), DLWC's standardised set of attribute codes. SCALD definitions are based on Australian Standards where applicable or DLWC standards elsewhere. Field verification was carried out to check and correct identification. Standard DLWC edge matching procedures were carried out on all tile joins for all attributes.
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 2024-02-26T13:07:22.446943

Metadata language