Title	Multi Attribute Data - Brunswick River Catchment - Landform and Condition Dataset
Abstract	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.

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Multi Attribute Brunswick NSW Function: download
Brunswick River Multi Attribute	Name: Brunswick River Multi Attribute Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download data and documents Function: download

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 theStandard 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, isalso 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

system

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 aerialphotography. Linear features less than 100 m in length were not represented. No minimumexclusion 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 forassistance 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, polygonclosures and topological consistency. These tests ensure that all classified polygons areclosed, nodes are formed at the intersection of lines and that there is only one label withineach 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 75mdependent on the intensity of pre-existing locational reference data (such as contours andcadasta,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 forAttributes of Land (SCALD), DLWC's standardised set of attribute codes. SCALDdefinitions are based on Australian Standards where applicable or DLWC standardselsewhere. Field verification was carried out to check and correct identification.Standard DLWC edge matching procedures were carried out on all tile joins for allattributes.

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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Responsible party role	pointOfContact

Metadata date

2024-02-26T13:07:22.446943

Metadata language