Title Multi Attribute Data - Bellinger River Catchment - Landform and Condition Dataset

Abstract

The multiple attribute mapping process as applied in this dataset provides a vector based inventory of the landscape in terms of landuse, vegetation, presence of tree regrowth, tree and shrub canopy density, presence of understorey and soil erosion condition.; It is referred to as Land Condition Mapping. Mass movement is mapped where it exists as is a selected range of weed species. These characteristics of the land are part of the larger dataset of characteristics that can be mapped using the NSW Dept. of Land and Water Conservation's full set of attribute codes. Multi Attribute Data is a vector-based inventory of the landscape comprising polygon and linear features. This system of mapping can describe a number of attributes (such as slope, terrain, landuse, vegetation community, presence of tree regrowth, soil erosion, rock outcrops, geology, Great Soil Groups, weed species and soil conservation measures) in to one polygon. The value of attribute mapping lies in the fact that the data, which objectively characterises the land, can be used for a variety of purposes and is only limited by the scale of mapping and the classification used. This translates into the availability of a range of derivative products. Mapping is typically carried out at 1:25 000 scale using topographic maps as a base. Outputs are most useful at a sub- catchment or regional scale but not generally at property level.

Resource locator

Data Quality Statement Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Multi Attribute Data - Bellingen Catchment

Function: download

Bellingen Multi Attribute

Name: Bellingen Multi Attribute

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Download Data and Documents

Function: download

Unique resource identifier

Code bb93188a-e255-4796-9626-e5fdaebd3a5c

Presentation form

Map digital

Edition 1

Dataset language

English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI https://datasets.seed.nsw.gov.au/dataset/bb93188a-e255-4796-9626-e5fdaebd3a5c

Purpose Natural Resource Management

Status Completed

Spatial representation

Type vector

Geometric Object Type	complex		
Geometric Object Count	4555		
Spatial reference system			
Code identifying the spatial reference system	4283		
Equivalent scale	1:None		
Additional information source	A more detailed description of attribute classes may be found in the Standard Classification for Attributes of Land (SCALD) (DLWC).; Reference: Taylor, S., June 2000. A report titled ' Natural Resources Study of the Bellinger River Catchment' Report 1: Introduction and Methodology, DLWC. ISBN 0 7347 5186 9. This document fully explains the mapping procedure.		
Topic category			
Keyword set			
keyword value		Bellinger	
		Bellingen	
		land	
		Catchment	
		SOIL Marki Attailanta	
Origination	allad vaaahulami	Multi Attribute	
Originating controlled vocabulary			
Title		ANZLIC Search Words	
Reference date		2008-05-16	
Geographic location			
West bounding longitude		152.390147	
East bounding longitude		153.058024	
North bounding latitude		-30.589122	
South bounding latitude		-30.309265	
NSW Place Name		Bellingen	
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	1998-06-01	
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

Multi attribute mapping has developed from erosion/landuse mapping carried out by DLWC and its precursor organisations. Linework is based on aerial photograph interpretation by staff with training in natural resource assessment. Polygons are attributed with a selected suite of attributes, typically comprising: slope, landform,landuse,vegetation type,tree regrowth, soil erosion, mass movement, rock outcrop, and soil conservation measures. Line features indicate particular erosion features such as gullies and streambank erosion. The attributes are a subset of a more extensive set of attributes belonging to the Standard Classification for Attributes of Land (SCALD).; Mapping was undertaken by Nicola Smith and Scott Taylor using the following colour aerial photographs provided by the Land Information Centre in Bathurst:; Dorrigo and Coffs Harbour dated 1994; Macksville and Nambucca dated 1997.Metadata imported.C:\Program

Files\ArcGIS\Metadata\ANZMeta\Thesaurus\temp.xml2008021511372500Metadata imported.D:\MultiAttribute_Bellingen.xml2008060409531300Dataset copied.\GRARO\GIS\gisdata GDA94\NATRES.mdb2008082214553500

Limitations on public access

Scope dataset

DQ Completeness Commission

Effective date

2009-01-10

Explanation

Mapping is complete for private land tenure for the whole catchment. Mapping was not carried out on Crown Land due to the fact that the classification would be primarily be related to vegetative cover and the imminent availability of a more detailed vegetation dataset from the Comprehensive Regional Assessment (CRA). Mapping was carried out on 1:25 000 scale topographic maps using 1:25 000 aerial photography. Linear features less than 100m in length were not represented. 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/or 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; cadasta,etc).

DQ Non Quantitative Attribute Correctness

Effective

date

1900-01-01

Explanation

Land characteristics are interpreted from aerial photophaphy by experienced Land Assessment Unit staff using the Departments standardised set of attributes (SCALD). 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 the tile joins for attributes. In the standard "land condition" dataset, land use is recorded as a single character alphabetic character followed by a two digit numeric code; vegetation is recorded as a five character field comprising a two digit numeric code followed by a single digit numeric code representing status of regeneration, a single alphabetic character representing canopy percentage classes, a single digit numeric code representing status of understorey; erosion is recorded as a three digit numeric code. Where recorded, mass movement is recorded as a four character numeric-numericalphabetic-numeric code and the status of any soil conservation measures implemented within a polygon is recorded as a single alphabetic code.

Responsible party

Contact position Data Broker

Organisation name NSW Department of Climate Change, Energy, the Environment and Water

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

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 2024-02-26T12:44:56.512740

Metadata language