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	mapDigital
Edition	1
Dataset language	eng

Metadata standard

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/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

Authority code	GDA94 Geographic (Lat\Long)
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

Land

Multi Attribute

Environment

Keyword set

keyword value
Bellinger
Bellingen
land
Catchment
SOIL
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 system	5711

Temporal extent

Begin position	1998-06-01
End position	N/A

Dataset reference date

Date type	creation
Effective date	2008-05-16
Date type	publication
Effective date	2000-06-01
Date type	revision
Effective date	2011-08-04

Resource maintenance

Maintenance and update frequency	notPlanned
Date of next update	2018-08-04

Contact info

Organisation name	Department of Planning, Industry and Environment
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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

Constraint set

Use constraints	This data is provided under a Creative Commons Attribution 4.0 licence http://creativecommons.org/licenses/by/4.0 Attribute 'Office of Environment and Heritage (OEH)' in publications using this data.
Limitations on public access	

Scope	dataset

Completeness Commission

Date type	revision
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.

Completeness Ommission

Date type	revision
Effective date	2009-01-10
Explanation	

Conceptual Consistency

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

Absolute External Positional Accuracy

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).

Non Quantitative Attribute Accuracy

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-numeric-alphabetic-numeric code and the status of any soil conservation measures implemented within a polygon is recorded as a single alphabetic code.

Responsible party

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Responsible party role	pointOfContact

Metadata point of contact

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Responsible party role	distributor

Metadata date

2008-05-16

Metadata language

eng