Title	Erosion Gully and Streambank - Landform and Condition Dataset
Alternative title(s)	Gully and Streambank Erosion - Multi attribute mapping
Abstract	This digital product identifies linear based erosion features in central and eastern NSW and forms a component of a much larger natural resource dataset called multi attribute mapping. Four severity levels of gully erosion plus streambank erosion and erosion of farm tracks are delineated in this mapping. Additional properties such as gully depth or presence of salting further subdivide these classes. Descriptions of the 25 classes are documented in the Standard Classification for Attributes of Land (SCALD) manual. Overall multi attribute data is a vector-based inventory of the landscape comprising polygon and linear features. This system of mapping describes a number of attributes (such as slope, terrain, land use, vegetation community, presence of tree regrowth, soil erosion, rock outcrops, weed species and soil conservation measures) into 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. This translates into the availability of a range of derivative maps. Mapping is typically carried out at 1:25 000 scale using topographic maps as a base. Outputs are most useful at the sub-catchment or regional scale but not generally at the property level.

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Erosion Gully and Streambank - Landform and Condition Dataset Function: download
Gully and Streambank multi attribute mapping	Name: Gully and Streambank multi attribute mapping Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download dataset: shapefile, ESRI layer files and associated report Function: download

Unique resource identifier

Code	55b0582d-0cf3-4165-9c3b-1a88ee5979e6

Presentation form	Map digital
Edition	v1
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/55b0582d-0cf3-4165-9c3b-1a88ee5979e6

Purpose	Land management
Status	Completed
Spatial representation	
Type	vector
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.
Topic category	

Keyword set

keyword value	SOIL-Erosion
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	146.50124
East bounding longitude	153.554278
North bounding latitude	-37.27842
South bounding latitude	-28.230876

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	1991-01-01
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

Multi attribute mapping has developed from erosion/land use mapping carried out by DLWC and precursor organisations. Linework is based on aerial photograph interpretation (photo's dated between 1991 - 1993) by staff with training in natural resource assessment. Polygons are attributed with a selected suite of attributes, comprising: slope; landform; land use; vegetation type; tree regrowth; weed species, soil erosion; mass movement; rock outcrop; and soil conservation measures. Linear features indicate particular erosion features such as gullies and streambank erosion. These attributes are a subset of a more extensive set of attributes belonging to the Standard Classification for Attributes of Land (SCALD).Metadata imported.C:\Program Files\ArcGIS\Metadata\ANZMeta\Thesaurus\temp.xml2008090215222900

Limitations on public access

Scope: dataset

DQ Completeness Commission

Effective date: 2009-01-10

Explanation: 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 Conceptual Consistency

Effective date: 1900-01-01

Explanation: Logical consistency checks performed, included label errors, overshoots, undershoots, polygon closures and topology. 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 Absolute External Positional Accuracy

Effective date: 1900-01-01

Explanation: The estimated positional accuracy of the linework is between 12.5 m and up to 75 m, dependent upon the intensity of pre existing locational reference data (such as contours, cadastre, etc).

DQ Non Quantitative Attribute Correctness

Effective date: 1900-01-01

Explanation: Land characteristics are interpreted from aerial photography 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

2024-02-26T13:14:29.056641

Metadata language