Title	Soil condition monitoring MER 2008: final result map
Abstract	This ESRI shapefile with attribute table comprises final results for the Soil Condition theme from the 2008-2009 NSW Monitoring Evaluation and Reporting program. Soil condition is a product of numerous physical and chemical attributes and processes, and was assessed using a number of key indicators: sheet erosion, gully erosion, wind erosion, soil acidity, soil organic carbon, soil structure, soil salinity and acid sulfate soils. It may be interpreted as the soil's ability to deliver ecosystem services and is rated for each of eight indicators from 5 (at or better than reference, natural or pristine condition) to 1 (very degraded). The shapefile gives results for 124 Soil Monitoring Units (SMUs) including (i) the overall Soil Condition index, (ii) the worst rated indicator and its index, and (iii) the worst rated indicator which is rated poor or worse and therefore of concern. Full results are presented in the Technical Report: OEH (2014), Soil condition and land management in NSW: final results from the 2008-09 monitoring evaluation and reporting program, http://www.environment.nsw.gov.au/research-and-publications/publications-search/soil-condition-and-land-management-in-new-south-wales

Resource locator

Show on SEED Web Map	Name: Show on SEED Web Map Protocol: WWW:DOWNLOAD-1.0-http--download Description: Display dataset on SEED's map Function: download
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS - Soil condition monitoring MER 2008: final result map Function: download
SMU_SoilCond_2016	Name: SMU_SoilCond_2016 Protocol: WWW:DOWNLOAD-1.0-http--download Description: ESRI shapefile with attribute table containing key results on Soil Condition for each Soil Monitoring Unit (SMU) over NSW. It also includes a Word doc table with definitions of each attribute table field heading. Function: download
ESRI Web Service	Name: ESRI Web Service Protocol: WWW:DOWNLOAD-1.0-http--download Description: An ArcGIS Server web service represents a GIS resource—such as a map, locator, or image—that is located on an ArcGIS Server site and is made available to client applications. Depending on the layers enabled, this web service allow a user to query its features and/or visualise the dataset. This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as ArcGIS/ArcMap. Function: download

Unique resource identifier

Code	0b5b8d44-5c67-457a-8c89-093228f2e184

Presentation

form	Map digital
Edition	Version 2 (2012)
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/0b5b8d44-5c67-457a-8c89-093228f2e184
Purpose	For use by State government and regional catchment bodies for improved soil and natural resource management.
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	complex
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	0 m
Topic category	

Keyword set

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

Geographic location

West bounding longitude	140.537109
East bounding longitude	153.632812
North bounding latitude	-37.527851
South bounding latitude	-28.092142

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	2008-04-01
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

Soil Monitoring Units were based on groupings of previously mapped soil-landscape units with similar land management issues. Source data was mostly collected in the field from 866 sites with laboratory test results from samples from 777 sites. MODIS satellite outputs and digital air photos as well as existing mapping sources were also used for the erosion and salinity indicators. Data for each indicator at each site was allocated a soil condition class from a rule based set of functional thresholds including reference/natural condition. The resulting class values were then aggregated by spatial entities and indicators for reporting

Limitations on public access

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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Responsible party role	pointOfContact

Metadata date

2024-02-26T13:15:04.138284

Metadata language