Title	Soil condition monitoring MER 2008: State of Catchment 2010 Reports (preliminary results)
Abstract	State of Catchment reports for the 2008 baseline were produced for each Catchment Management Authority based on incomplete results available in 2009. The reports provide a regional summary of average condition and variability in condition for each of the following indicators: Sheet and rill erosion; Gully erosion; Wind erosion; Soil Carbon; Soil Structure; Soil pH; Soil salinity and Acid sulfate soils. The same results are also used to show the average condition of each soil monitoring unit. Lowest scoring indicators in each soil monitoring unit are highlighted. The catchment index, simply the average of all condition scores for all indicators is presented and compared with the soil condition index for NSW. Current soil condition pressure and trends determined from the results of the land management within capability monitoring theme. Gaps in the data were filled by expert knowledge from local experts.The most reliable results from the 2008 MER program are presented in OEH (2014) Soil condition and land management in NSW: final results from the 2008-09 monitoring evaluation and reporting program Technical Report, NSW Office of Environment and Heritage, Sydney http://www.environment.nsw.gov.au/soils/140389MERsoil.htm

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS - Soil condition monitoring MER 2008: State of Catchment 2010 Reports (preliminary results) Function: download
SoC report soil condition 2010 PDFs	Name: SoC report soil condition 2010 PDFs Protocol: WWW:DOWNLOAD-1.0-http--download Description: PDF copies of 2010 State of Catchments reports on soil condition for each of the 13 CMAs Function: download

Unique resource identifier

Code	8745a04a-95c3-48f0-ab3e-2434ae04b06b

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/8745a04a-95c3-48f0-ab3e-2434ae04b06b
Purpose	To provide highly summarised information on the state of soil condition in the catchment to help inform natural resource management priorities and targets.
Status	Completed

Spatial representation type	textTable
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Chapman et al, (in press) Monitoring, Evaluation and Reporting of Soil Condition in NSW 2008. Department of Environment, Climate Change and Water. Sydney.
Topic category	

Keyword set

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

Geographic location

West bounding longitude	138.9166
East bounding longitude	156.0175
North bounding latitude	-38.6882
South bounding latitude	-27.8629

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	2008-01-01
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

Source data was mostly collected in the field or from laboratory test results from samples specifically collected for soil condition monitoring. 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. Expected current trends were mostly based on the degree to which land management is within capability. Data gaps were filled with expert knowledge derived from local experts

Limitations on public access

Scope: dataset

DQ Completeness Commission

Effective date: 2009-08-01

DQ Completeness Omission

Effective date: 2009-08-01

Explanation: The dataset at time of reporting was about 55% complete. Spatial reporting units cover approximately one third of NSW. Data is generally of very good quality and evaluation and reporting mechanisms of good standard

DQ Conceptual Consistency

Effective date: 2009-08-01

Explanation: All steps in the monitoring process were based on detailed protocols and justifyable rule sets. Results were compared against and augmented where missing with existing soil data sets and expert knowledge. Confidence levels and data sources are provided in the outputs

DQ Topological Consistency

Effective date: 2009-08-01

DQ Absolute External Positional Accuracy

Effective date: 2009-08-01

Explanation: All data was collected using GPS for positional accuracy. Many sites are painstakingly located to ensure accuracy in relocating sites for future data collection. Where map products were used the lowest positional accuracy is nominally 250 metres.

DQ Non Quantitative Attribute Correctness

Effective date: 2009-08-01

Explanation: Quality control and assurance began at field level with technical officer training, supervision, field quality assurance visits, data output reviews and use of detailed field protocols. Laboratory testing followed National Association of Testing Authority and Australian Soil and Plant Analysis Council approved methods. Databases and spreadsheet evaluation systems were carefully checked.

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

2024-02-26T13:37:12.349320

Metadata language