Title Salinity Potential of Western Sydney Alternative Western Sydney Salinity Potential 2002 title(s) Abstract This map depicts the distribution and potential severity of dryland salinity based on biophysical factors that are known to cause dryland salinity. The mapping shows four classifications of salinity potential:; 1.Areas of Known Salinity; 2.Areas of High Salinity Potential; 3.Areas of Moderate Salinity Potential; 4.Areas of Very Low Salinity Potential; The map and accompanying guidelines are an extension of (and incorporate) the previous work, Draft Salinity Hazard Map for Western Sydney. They cover the Wianamatta Shales geological group on the Cumberland Plain, which essentially covers the area of Western Sydney, north to Windsor and south to Campbelltown. Resource locator Show on SEED Name: Show on SEED Web Map Web Map Protocol: WWW:DOWNLOAD-1.0-http--download Description: Display dataset on SEED's map Function: download Name: Data quality statement **Data quality** statement Protocol: WWW:DOWNLOAD-1.0-http--download DQS - Salinity potential in Western Sydney August 2002. Function: download Name: Guidelines Guidelines Protocol: WWW:DOWNLOAD-1.0-http--download Description: Guidelines to accompany Map of Salinity Potential in Western Sydney 2002 Function: download Salinity Name: Salinity Potential in Western Sydney data package August 2002 Potential in Protocol: WWW:DOWNLOAD-1.0-http--download Western Sydney data Description: package Contains shapefile and guidelines to accompany the map of salinity potential in Western Sydney. August 2002 Function: download Name: ArcGIS REST Map Services **ArcGIS REST** Map Services Protocol: WWW:DOWNLOAD-1.0-http--download Description Connect to REST map services using ArcGIS or ArcGIS online map viewer. Name: KML Service **KML Service** Protocol: WWW:DOWNLOAD-1.0-http--download Download KML for use in Google Earth. Function: download Unique resource identifier Code 6131faed-df14-4560-8825-f47d61d56a85 Map digital Presentation form Edition 1 Dataset English language Metadata standard ISO 19115 Name Edition 2016 Dataset URI $\underline{https://datasets.seed.nsw.gov.au/dataset/6131faed-df14-4560-8825-f47d61d56a85}$ The report and accompanying map will assist land managers to assess the salinity potential for a particular locality. This information may be used as a basis for the identification of appropriate salinity assessment and management responses. Purpose Status Completed Spatial representation Type vector Geometric complex Object Type Spatial reference system Code

spatial 4283
reference
system

Equivalent
scale 1:None

Additional
information
source

Topic category

Keyword set

Topic category	
Keyword set	
keyword value	BOUNDARIES-Biophysical
	HAZARDS
	WATER-Salinity
	LAND-Use
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.3274
East bounding longitude	151.0723
North bounding latitude	-33.9856
South bounding latitude	-33.0917
NSW Place Name	Western Sydney
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	2000-08-01
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

Lineage: Salinity potential was derived from existing saline outbreaks using Aerial Photograph Interpretation with 1965 and 1967 pre-development photography. This layer was digitised into GIS and used as a control for Compound Topographic Index (CTI) modelling. The CTI was based on a mosaic of 25m and 5m DEM's and calculated using ArcInfo Grid software. Extensive field checking and expert panel verified results. The map is accurate to 1:100 000 as at August 2000.

Positional accuracy: Map accurate to 1:100 000 scale

Attribute accuracy: Map accurate to 1:100 000 scale

Logical consistency: All data are topographically consistent. Quality control was carried out using industry standard GIS topology routines.

Completeness: Modelled data was verified against known saline sites and field-checked. Classification classes are also consistent with known landscape processes in the development of dryland salinity. Further work is anticipated in hydrogeological processes in shallow aquifer groundwater and more intensive soil landscape inventory.

Limitations on public access

Scope	dataset	
DQ Completeness Commission		
Effective date	2001-01-01	
DQ Completeness Omission		
Effective date	2001-01-01	
DQ Conceptual Consistency		
Effective date	1900-01-01	
DQ Topological Consistency		
Effective date	1900-01-01	
DQ Absolute External Positional Accuracy		
Effective date	1900-01-01	
DQ Non Quantitative Attribute Correctness		
Effective date	1900-01-01	
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	2024-02-26T12:52:48.819428	

Metadata language