

Title	Salinity Potential of Western Sydney
Alternative title(s)	Western Sydney Salinity Potential 2002
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 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 - Salinity potential in Western Sydney August 2002. Function: download
Guidelines	Name: Guidelines Protocol: WWW:DOWNLOAD-1.0-http--download Description: Guidelines to accompany Map of Salinity Potential in Western Sydney 2002 Function: download
Salinity Potential in Western Sydney data package August 2002	Name: Salinity Potential in Western Sydney data package August 2002 Protocol: WWW:DOWNLOAD-1.0-http--download Description: Contains shapefile and guidelines to accompany the map of salinity potential in Western Sydney. Function: download
ArcGIS REST Map Services	Name: ArcGIS REST Map Services Protocol: WWW:DOWNLOAD-1.0-http--download Description: Connect to REST map services using ArcGIS or ArcGIS online map viewer.
KML Service	Name: KML Service Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download KML for use in Google Earth. Function: download
Unique resource identifier	
Code	6131faed-df14-4560-8825-f47d61d56a85
Presentation form	Map digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/6131faed-df14-4560-8825-f47d61d56a85
Purpose	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.
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	complex
Spatial reference system	
Code	

spatial reference system	4283
Equivalent scale	1:None
Additional information source	http://www.environment.nsw.gov.au/resources/salinity/westernsydneyguidelines.pdf : http://www.environment.nsw.gov.au/salinity/solutions/urban.htm
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	<p>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.</p> <p>Positional accuracy: Map accurate to 1:100 000 scale</p> <p>Attribute accuracy: Map accurate to 1:100 000 scale</p> <p>Logical consistency: All data are topographically consistent. Quality control was carried out using industry standard GIS topology routines.</p> <p>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.</p>
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	