

Title	Salinity Hazard for Catchment Action Plan (CAP) Updates: Murray CMA Area - August 2012
Alternative title(s)	Salinity Hazard for Murray CMA CAP Update
Abstract	<p>The thirteen NSW Catchment Management Authorities (CMAs) are required to update their Catchment Action Plans (CAPs) in a process to be completed by early 2013. The CAPs are required to be "Whole of Government" in order to provide greater coherence between policies and plans as they develop strategic direction at regional levels. CAPs must align with or take into account common elements of agency activity, and require a high level of co-ordination. ; A cross agency team was employed in December 2011 to produce a salinity tool for CAP updates, as a Salinity Hazard for CAP Updates project. This project has been funded by Catchment Action NSW.; The primary output of the Salinity Hazard for CAP Updates project is a broad scale salinity hazard spatial coverage and report for each CMA. The product referred to in this metadata statement is produced for the Murray CMA for use in upgrading its Catchment Action Plan (CAP). The Murray CAP is a cabinet approved document which outlines the investment priorities and delivery targets for natural resource management (NRM) across the Murray CMA area. The Murray CMA is currently reviewing and upgrading the CAP which was developed in 2004-05.</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>DQS - Salinity Hazard for Catchment Action Plan (CAP) Updates: Murray CMA Area - August 2012</p> <p>Function: download</p>
Salinity hazard report - Murray CMA	<p>Name: Salinity hazard report - Murray CMA</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Describes the hazard posed by salinity for different parts of the Murray CMA catchments. The associated Salinity Hazard for CAP Updates map is a specific product for CAP planning.</p> <p>Function: download</p>
Download Package	<p>Name: Download Package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data (Raster, TIFF)</p> <p>Function: download</p>
Unique resource identifier	
Code	29122b4d-f47c-49e0-a615-94521db3523e
Presentation form	mapDigital
Edition	First
Dataset language	eng
Metadata standard	
Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO

Version	1.1
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/29122b4d-f47c-49e0-a615-94521db3523e
Purpose	This data package describes the hazard posed by salinity for different parts of the Murray CMA catchments. The Salinity Hazard for Catchment Action Plan (CAP) Update map is a specific product for CAP planning. It is appropriate at the catchment scale. More detailed investigations are required for sub-regional works. The data package was generated for the Murray CMA to assist with the update of its CAP.
Status	completed
Spatial representation type	grid
Spatial reference system	
Authority code	GDA94 Geographic (Lat\Long)
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Source datasets: Hydrogeological Landscapes for the Eastern Murray Catchment (OEH); Groundwater Flow Systems - Murray catchment (NOW); Reconnaissance Soil and Land Resources of the Murray CMA (OEH); Reconnaissance Soil Landscapes of the Riverine Plains (OEH); Soil Landscapes of the Holbrook-Tallangatta 1:100,000 Sheet (8326-8325)(OEH); BIOCLIM 2009 (OEH); NSW Salinity Audit data - mean stream salinity, stream salt load (OEH); unpublished 2003 State Salinity Hazard project data - depth to watertable, groundwater salinity, soil salt store (OEH); GEODATA TOPO 250K Series 3 (Geoscience Australia); Surface Geology of Australia 1:1 million scale, New South Wales - 2nd edition (Geoscience Australia); Wagga Wagga 1:250 000 Geological Sheet SI/55-15, 1st edition (NSW Geological Survey); Tallangatta 1:250 000 Geological Sheet SJ/55-3, first edition (NSW Geological Survey); Jerilderie 1:250 000 Geological Sheet SI/55-14, 2nd edition (NSW Geological Survey); New South Wales DTDB Landform Theme 50K Digital Terrain Models (Land and Property Management Authority); New South Wales Digital Topographic Database DTDB (Land and Property Management Authority).
Topic category	Environment
Keyword set	
keyword value	<p>GEOSCIENCES-Geology</p> <p>GEOSCIENCES-Hydrogeology</p> <p>HAZARDS</p> <p>LAND-Use</p> <p>WATER-Salinity</p> <p>GEOSCIENCES-Geomorphology</p> <p>SOIL</p> <p>BOUNDARIES-Biophysical</p>
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location	
West bounding longitude	143.2
East bounding longitude	148.5
North bounding latitude	-36.82
South bounding latitude	-34.65
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	2011-06-01
End position	N/A
Dataset reference date	
Date type	creation
Effective date	2012-12-01
Date type	publication
Effective date	2012-08-31
Resource maintenance	
Maintenance and update frequency	notPlanned
Contact info	
Organisation name	Department of Planning, Industry and Environment
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Responsible party role	pointOfContact

Lineage

The Salinity Hazard for Catchment Action Plan (CAP) Update spatial product used the following base data for delineation of map units: existing Hydrogeological Landscape mapping data for the Eastern Murray (polygon); Reconnaissance Soil Landscapes of the Riverine Plains data (polygon); Reconnaissance Soil and Land Resources of the Murray CMA data (polygon); published 1:250 000 soil landscape data (polygon); soil profile data from the OEH SALIS database (point); published 1:1 million and 1:250 000 geological mapping data (polygon); published NSW Salinity Audit data for mean stream salinity and stream salt load (polygon); Groundwater Flow Systems data (polygon); unpublished 2003 State Salinity Hazard project data for soil salt store, depth to watertable and groundwater salinity (polygon) and Digital Elevation Model (DEM) for Murray CMA and derivative products taken from the 25 metre DEM. The published and reconnaissance level mapping were combined and rationalised to create complete hydrogeological landscape classification (map unit) coverage for the entire Murray CMA area.

Constraint set

Use constraints

This data is provided under a Creative Commons Attribution 4.0 licence <http://creativecommons.org/licenses/by/4.0> Attribute 'Department of Planning, Industry and Environment ' in publications using this data.

Limitations on public access

Scope	dataset
Completeness Commission	
Date type	revision
Effective date	2012-08-01
Explanation	Spatial data capture is complete for presentation and useage at 1:250 000 in the eastern Murray region, and 1:500 000 in the west.
Completeness Ommission	
Date type	revision
Effective date	2001-01-01
Explanation	
Topological Consistency	
Date type	revision
Effective date	2012-08-01
Explanation	All polygons in the coverage are topologically correct and all polygons have been attributed. Data has been visually checked at applicable scales
Absolute External Positional Accuracy	
Date type	revision
Effective date	2012-08-01
Explanation	The accuracy of the coverage varies across the mapping area as map polygon boundaries were derived from different sources. Boundaries derived from published and draft 1:100 000 scale mapping are generally accurate to 100 m. Boundaries derived from published 1:250 000 scale mapping are approximate and generally accurate to 250 m. Boundaries based on Groundwater Flow System mapping are less accurate due to smoothing of noisy datasets and should only be considered for catchment scale planning purposes.
Non Quantitative Attribute Accuracy	
Date type	revision
Effective date	2012-08-01
Explanation	All polygons are labelled with a salinity hazard rating tags. Attributes were checked as part of routine GIS capture quality assurance procedures, including a visual check of polygon tags against field data. Regular meetings were held to discuss and review methods, processes and consistency in interpretation and documentation.

Responsible party

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Responsible party role	pointOfContact

Metadata point of contact

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Responsible party role	distributor

Metadata date 2012-12-01

Metadata language eng