

<b>Title</b>	Salinity Management Actions for the HGL of the Australian Capital Territory 2017 (Second Edition)
<b>Alternative title(s)</b>	ACT_HGL_ManActions_Salinity_2017
<b>Abstract</b>	<p><i>This dataset supersedes all earlier versions of 'Salinity Management Actions for the HGL of the Australian Capital Territory'. It incorporates HGL boundary and management area edits based on updated soil landscape mapping for the ACT.</i></p> <p>The focus of this dataset is the Australian Capital Territory. It contains digital spatial data developed to assist in land management decision making in the ACT. The dataset defines individual management areas and specifies appropriate management actions and specific high risk land uses for each management area. Information about salinity hazard ratings, landscape functions and salinity management strategies at the HGL unit level are also incorporated. Hyperlinks to full management descriptions for each HGL unit are provided.</p> <p>The Hydrogeological Landscape (HGL) concept provides a structure for understanding how differences in salinity are expressed across the landscape. A HGL spatially differentiates areas with similar salt stores and pathways for salt mobilisation. The process of delineating a HGL relies on the integration of a number of causative factors: geology, soils, slope, regolith thickness, and climate; an understanding of the different modes of salinity development; and the impacts of salinity within landscapes (land salinity, salt load and salt concentration in streams due to salt contributions from base flow and runoff ). Information sources such as soil landscape maps, site characterisation, salinity occurrence maps, hydrogeological data, surface water and groundwater data are incorporated into standardised unit descriptions.</p> <p>Spatial resolution for this product is 1:25 000.</p>
<b>Resource locator</b>	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Salinity Management Actions for the HGL of the Australian Capital Territory 2017 (Second Edition)</p> <p>Function: download</p>
<a href="#">Download Package - ACT HGL Salinity Management Actions 2017</a>	<p>Name: Download Package - ACT HGL Salinity Management Actions 2017</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data package containing ArcGIS spatial data for ACT hydrogeological landscape (HGL) salinity management actions, HGL report and individual HGL descriptions and information on attributes and data sources.</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	6458572d-3a1c-4771-8733-a346b6e074b3
<b>Presentation form</b>	mapDigital
<b>Edition</b>	Second
<b>Dataset language</b>	eng
<b>Metadata standard</b>	
<b>Name</b>	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO

Version	1.1
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/6458572d-3a1c-4771-8733-a346b6e074b3">https://datasets.seed.nsw.gov.au/dataset/6458572d-3a1c-4771-8733-a346b6e074b3</a>
Purpose	This dataset was generated for the ACT Environment and Planning Directorate as a component of the ACT Hydrogeological Landscapes (HGL) Framework project. The focus of this project was to assess impacts of climate change on wetlands and on land degradation issues related to salinity and erosion in the ACT.
Status	completed
<b>Spatial representation</b>	
Type	vector
<b>Spatial reference system</b>	
Authority code	GDA94 / MGAZone 55
Code identifying the spatial reference system	28355
Equivalent scale	1:None
Additional information source	<p><b>Source datasets:</b>  OEH:  Hydrogeological Landscapes (HGL) of the Australian Capital Territory 2017 (ACT_HGL_2017); Soil and Land Resources of the Australian Capital Territory (ACT); NSW Soil and Land Information System (SALIS); NSW / ACT Regional Climate Modelling (NARCLiM); BIOCLIM 2009.</p> <p>ACT Environment and Planning Directorate:  ACT admin dataset (ACT Districts; ACT Divisions; ACT Territory Border); ACT base data (multiple themes); ACT wetland data (multiple themes).</p> <p>Geoscience Australia:  GEODATA TOPO 250K Series 3; 1:1 million Geology of Eastern Australia; Brindabella 1:100 000 Geological Map (8627); Canberra 1:100 000 Geological Map (8727); Canberra 1:250 000 Geological Map (SI/55-16); Michelago 1:100 000 Geological Map (8626); Tantangara 1:100 000 Geological Map (8626); 1 Second DSM and DEM elevation data - Shuttle Radar Topographic Mission (SRTM).</p> <p>Land and Property Information:  New South Wales DTDB Landform Theme 50K Digital Terrain Models; New South Wales Digital Topographic Database DTDB.</p>
<b>Topic category</b>	
<b>Keyword set</b>	
keyword value	<p>WATER-Salinity</p> <p>GEOSCIENCES-Geology</p> <p>GEOSCIENCES-Hydrogeology</p> <p>GEOSCIENCES-Geomorphology</p> <p>HAZARDS</p> <p>SOIL</p> <p>LAND-Use</p>
<b>Originating controlled vocabulary</b>	

Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	148.738
East bounding longitude	149.414
North bounding latitude	-35.933
South bounding latitude	-35.111
NSW Place Name	Australian Capital Territory
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	2017-01-04
End position	N/A
<b>Dataset reference date</b>	
Date type	publication
Effective date	2017-05-22
Date type	revision
Effective date	2020-05-11
<b>Resource maintenance</b>	
Maintenance and update frequency	None
<b>Contact info</b>	
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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Responsible party role	pointOfContact

**Lineage**

The hydrogeological landscape (HGL) mapping used the following base data for delineation of map units: published 1:1 million, 1:250 000 and 1:100 000 geological mapping data (polygon); published 1:100 000 soil landscape data (polygon); soil profile data from the OEH SALIS database (point); and Digital Elevation Model (DEM) for the ACT and derivative products taken from the 30 and 10 metre DEM.

Limitations on public access

Scope

dataset

**Responsible party**

Contact position	Data Broker
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Responsible party role	pointOfContact

**Metadata point of contact**

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Responsible party role	distributor

**Metadata date** 2017-05-22

**Metadata language** eng