

Title	Management Areas for the HGL of the Australian Capital Territory 2017 (Third Edition)
Alternative title(s)	ACT_ManAreas_2017
Abstract	<p><i>This dataset supersedes all earlier versions of 'Management Areas 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. The dataset defines individual management areas in defined Hydrogeological Landscapes (HGL), specifies landform elements and assigns a unique Landscape Code to be used when incorporating soil and land degradation management action information. The dataset provides the base for joining other landscape information to specific management areas when developing new spatial products for the ACT.</p> <p>The management areas for the ACT were derived by:</p> <ul style="list-style-type: none"> (i) Dividing the ACT region into two regions – highlands and lowlands (ii) Running LF7 with a 10 m DEM using these regions as a constraint (iii) Combining the two outputs and intersecting with ACT HGL boundaries (iv) Assigning a HGL management area to each of the LF7 classes in each HGL unit based on ACT HGL descriptions and field observation (v) Converted to a feature class and dissolved (vi) Extra information about each management area added to the feature class. <p>Spatial resolution for this product is 1:25 000.</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>Data quality statement for Management Areas for the HGL of the Australian Capital Territory 2017 (Third Edition)</p> <p>Function: download</p>
Download Package - ACT HGL Management Areas 2017	<p>Name: Download Package - ACT HGL Management Areas 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) management area boundaries and information on attributes.</p> <p>Function: download</p>
Unique resource identifier	
Code	8d87f6b4-c08e-483c-8b6b-eb12e8e8ea3b
Presentation form	Map digital
Edition	Third
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
	https://datasets.seed.nsw.gov.au/dataset/8d87f6b4-c08e-483c-8b6b-eb12e8e8ea3b

Dataset URI	
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
Spatial representation	
Type	vector
Geometric Object Type	complex
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	<p>Source datasets:</p> <p>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>
Topic category	
Keyword set	
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>
Originating controlled vocabulary	
Title	ANZLIC Search Words

Reference date	2008-05-16
Geographic location	
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
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	2017-04-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Irregular
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	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). The 10 m DEM was a product of the Digital Terrain Models created from existing 10 m and 20 m contours sourced from the NSW Topographic Map Archive.
Limitations on public access	

Scope	dataset
DQ Topological Consistency	
Effective date	2017-05-19
Explanation	All polygons in the coverage are topologically correct and all polygons have been attributed. Data has been visually checked at applicable scales.
DQ Absolute External Positional Accuracy	
Effective date	2017-05-19
Explanation	The accuracy of the coverage varies across the mapping area as map polygon boundaries were derived from different sources. HGL boundaries derived from published and draft 1:100 000 scale mapping are generally accurate to 100 m. HGL boundaries derived from published 1:250 000 scale mapping are approximate and generally accurate to 250 m.
DQ Non Quantitative Attribute Correctness	
Effective date	2017-05-19
Explanation	All polygons are labelled with a unique landscape management code and information about which HGL and landscape element they represent. Attributes were checked as part of routine GIS capture quality assurance procedures, including a visual check of polygon tags against field data. During the fieldwork phase, regular meetings were held to discuss and review methods, processes and consistency in landscape interpretation.
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
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Responsible party role	pointOfContact
Metadata date	2024-02-26T13:05:43.677717
Metadata language	