

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

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Metadata date 2024-02-26T13:05:43.677717

Metadata language