

<b>Title</b>	Soil and Land Resources of the Liverpool Plains Catchment
<b>Abstract</b>	<p>This product contains natural resource mapping for the Liverpool Plains Catchment. This mapping was undertaken to enhance knowledge of soils, landscapes and physical constraints to land use in the urban and rural environment. The information informs decision-making and planning throughout the catchment.</p> <p>Each soil landscape is an inventory of soil and landscape information with relatively uniform land management requirements, allowing major soil and landscape qualities and constraints to be identified. Soils are described using the Australian Soil Classification and the Great Soil Groups systems.</p> <p><b>Related Datasets:</b> The dataset area is also covered by the Soil landscape 1:000 000 mapping series for the mapsheets of <a href="#">Curlewis</a>, <a href="#">Tamworth</a>, <a href="#">Murrurundi</a> and <a href="#">Blackville</a>.</p> <p><b>Online Maps:</b> This and related datasets can be viewed using <a href="#">eSPADE</a> (NSW's soil spatial viewer), which contains a suite of soil and landscape information including soil profile data. Many of these datasets have hot-linked soil reports. An alternative viewer is the <a href="#">SEED Map</a>; an ideal way to see what other natural resources datasets (e.g. vegetation) are available for this map area.</p> <p><b>Reference:</b> Office of Environment and Heritage, 2012, <i>Soil and Land Resources of the Liverpool Plains Catchment</i>, NSW Office of Environment and Heritage, Sydney.</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>DQS - Soil and land resources of the Liverpool Plains Catchment</p> <p>Function: download</p>
<a href="#">Show on eSPADE Web Map</a>	<p>Name: Show on eSPADE Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>View dataset on eSPADE spatial viewer.</p> <p>Function: download</p>
<a href="#">Soil and land resource data package</a>	<p>Name: Soil and land resource data package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download data package: shapefile and PDF reports.</p> <p>Function: download</p>
<a href="#">Soil map information</a>	<p>Name: Soil map information</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Web page about soil maps in NSW.</p> <p>Function: download</p>
<a href="#">Land and soil information</a>	<p>Name: Land and soil information</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Web page about land and soil information in NSW.</p> <p>Function: download</p>

<b>Unique resource identifier</b>	
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Code	79b408ee-9893-43d2-903c-731c494ee0eb
Presentation form	Map digital
Edition	1.0
Dataset language	English
<b>Metadata standard</b>	
Name	ISO 19115
Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/79b408ee-9893-43d2-903c-731c494ee0eb">https://datasets.seed.nsw.gov.au/dataset/79b408ee-9893-43d2-903c-731c494ee0eb</a>
Purpose	Support natural resource management and decision making.
Status	Completed
<b>Spatial representation</b>	
Type	vector
Geometric Object Type	surface
Geometric Object Count	3649
<b>Spatial reference system</b>	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
<b>Topic category</b>	
<b>Keyword set</b>	
keyword value	<p>AGRICULTURE</p> <p>GEOSCIENCES-Geology</p> <p>GEOSCIENCES-Geomorphology</p> <p>HAZARDS-Flood</p> <p>HAZARDS-Landslip</p> <p>LAND-Geography</p> <p>SOIL</p> <p>SOIL-Chemistry</p> <p>SOIL-Erosion</p> <p>SOIL-Physics</p> <p>VEGETATION</p>

<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	149.519852
East bounding longitude	150.999069
North bounding latitude	-31.858325
South bounding latitude	-30.568082
NSW Place Name	Liverpool Plains
<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	2009-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	As needed
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact

## Lineage

The mapping undertaken by the NSW Government (Department of Conservation and Land Management, Department of Land and Water Conservation and NSW Department of Environment and Climate Change and Water) was created using:

- existing published soil landscape mapping (Curlewis, Blackville, Tamworth, Baan Baa - Liverpool Plains portion and Murrurundi 1:100,000 map sheets)
- existing draft soil landscape mapping (parts of Tambar Springs, Boggabri, Manilla and Coolah 1:100,000 sheets within the Liverpool Plains Catchment)

For all datasets, provisional soil landscapes were established firstly on the dominant geomorphic processes responsible for the formation of the landscape and secondly on the geological parent material. The boundaries of these provisional soil landscapes were mapped using stereoscopic interpretation of 1:40,000 scale black and white and/or 1:25,000 scale colour aerial photographs. LANDSAT thematic mapper and radiometric imagery were used to assist with perception and charting of provisional soil landscapes. These boundaries were transferred onto 1:25 000 topographic base maps. After field checking boundaries and detailed investigations of the soil, the provisional landscapes were confirmed, amalgamated or sub-divided.

Soils have been examined and described in detail at over 1,800 sites. At each site, soil morphological data and site information were recorded on Soil and Land Information System (SALIS) cards. Sufficient field work was undertaken within each soil landscape to identify the range of soils present and to enable their distribution within the landscape to be described.

A recent desktop review of all soil landscape units has occurred redefining and amending some original published and draft units.

Limitations on public access

Scope	dataset
<b>DQ Completeness Commission</b>	
Effective date	2018-03-14
Explanation	All polygons in the GIS layer are labeled with a unique soil landscape MasterCode (Code) and MasterName (Name), Dominant Geomorphic process group (Process_D) and subdominant geomorphic process group (Process_SD) and other key soil attributes and limitations/qualities. All soil landscapes have an associated soil PDF report. Field, technical and general editing has occurred on this dataset.
<b>DQ Completeness Omission</b>	
Effective date	2018-03-14
<b>DQ Conceptual Consistency</b>	
Effective date	2018-03-14
Explanation	Map unit concepts and polygons, major soil types and soil landscape descriptions have been field verified by a peer soil surveyor. Soil landscape boundaries have been checked and refined using iterative field and aerial photo checks.
<b>DQ Topological Consistency</b>	
Effective date	2018-03-14
Explanation	ArcGIS was used to ensure all polygons in the shapefile are topologically correct. All polygons have a unique identifier.
<b>DQ Absolute External Positional Accuracy</b>	
Effective date	2018-03-14
Explanation	Soil boundaries on this 1:100,000 scale map is generally accurate to within 100m on the ground but variations will occur especially where soil boundaries are gradual. Observations and soil profiles were located using handheld GPS (accurate to 50m) or using 1:25,000 topographic maps.
<b>DQ Non Quantitative Attribute Correctness</b>	
Effective date	2018-03-14
Explanation	Soil landscape map units are individualised by unique combinations of soil type, topography, geology, vegetation, land use existing erosion/land degradation and constraints to development. The land and soil attributes in this product were predominately assessed using field observations, remote sensing interpretation (satellite, radiometric and aerial photos) and laboratory analysis of dominant soil type profiles.
<b>Responsible party</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact

## Metadata point of contact

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Telephone number	131555
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Responsible party role	pointOfContact

**Metadata date** 2024-02-26T13:36:38.308271

**Metadata language**