

Title

Soil and Land Information

Abstract

Statewide soil and land information can be discovered and viewed through [eSPADE](#) or [SEED](#). Datasets include soil profiles, soil landscapes, soil and land resources, acid sulfate soil risk mapping, hydrogeological landscapes, land systems and land use. There are also various statewide coverages of specific soil and land characteristics, such as soil type, land and soil capability, soil fertility, soil regolith, soil hydrology and modelled soil properties.

Both eSPADE and SEED enable soil and land data to be viewed on a map. SEED focuses more on the holistic approach by enabling you to add other environmental layers such as mining boundaries, vegetation or water monitoring points. SEED also provides access to metadata and data quality statements for layers.

eSPADE provides greater functions and allows you to drill down into soil points or maps to access detailed information such as reports and images. You can navigate to a specific location, then search and select multiple objects and access detailed information about them. You can also export spatial information for use in other applications such as Google Earth™ and GIS software.

eSPADE is a free Internet information system and works on desktop computers, laptops and mobile devices such as smartphones and tablets and uses a Google maps-based platform familiar to most users. It has over 42,000 soil profile descriptions and approximately 4,000 soil landscape descriptions. This includes the maps and descriptions from the Soil Landscape Mapping program. eSPADE also includes the base maps underpinning Biophysical Strategic Agricultural Land (BSAL).

For more information on eSPADE visit:

<https://www.environment.nsw.gov.au/topics/land-and-soil/soil-data/espade>

Resource locator

[Data Quality Statement](#)

Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for Soil and Land Information

Function: download

[Connect to eSPADE](#)

Name: Connect to eSPADE

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

View eSPADE spatial viewer

Function: download

[Soil map information](#)

Name: Soil map information

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Web page about soil maps in NSW.

Function: download

[Land and soil information](#)

Name: Land and soil information

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Web page about land and soil information in NSW.

Function: download

Unique resource identifier

Code

a62ae869-672f-493d-8fae-bfb32d820b74

Presentation form	Map digital
Edition	2.1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/a62ae869-672f-493d-8fae-bfb32d820b74
Purpose	Support natural resource management and environmental decision making.
Status	Completed
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Additional information source	The eSPADE application user manual can be found at https://www.environment.nsw.gov.au/research-and-publications/publications-search/espade-user-manual .
Topic category	

Keyword set	
keyword value	AGRICULTURE BOUNDARIES SOIL SOIL-Chemistry GEOSCIENCES SOIL-Erosion
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	141.001
East bounding longitude	153.668
North bounding latitude	-37.507
South bounding latitude	-27.998
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	1950-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
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

Limitations on public access

Responsible party

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Metadata language