

Title	Remote Sensing Detection of Native Grasslands in South Eastern Highlands of NSW. VIS_ID 3917
Alternative title(s)	SEHighlandsGrassland_E_3917
Abstract	Remote sensing detection of native grasslands in the South Eastern Highlands, NSW. The mapped results are based on the 23 class classification derived from the spring, summer and variance images. Associated Report: "Remote Sensing Detection of Native Grasslands using Multi-Image Spectral Analysis, South Eastern Highlands of NSW", ERIC 2001. VIS_ID 3917
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 Remote Sensing Detection of Native Grasslands in South Eastern Highlands of NSW. VIS_ID 3917</p> <p>Function: download</p>
Vegetation SEhighlandGrassland 3917	<p>Name: Vegetation SEhighlandGrassland 3917</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Unique resource identifier	
Code	db86ce70-90b1-42fa-a88a-a5a35381838a
Presentation form	Map digital
Edition	unknown
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/db86ce70-90b1-42fa-a88a-a5a35381838a
Purpose	To map native grasslands and grassy woodlands using multi-image spectral analysis, and existing field records of native grasslands.
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial	15 m

resolution

**Additional
information
source**

ERIC (2001). Remote Sensing Detection of Native Grasslands using Multi-Image Spectral Analysis. South Eastern Highlands of NSW. Environmental Research and Information.

Topic category

Keyword set	
keyword value	VEGETATION FLORA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	148.317541
East bounding longitude	150.282557
North bounding latitude	-36.011857
South bounding latitude	-34.29726
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	2000-06-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
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 specified methodology was to be similar to that of Langston (1996) in using satellite imagery for spring and summer to discriminate grassland from forests, and native grasslands from introduced species.

The basic steps in the Langston methodology are:

- Classify the imagery to identify non-grassland areas, such as water, urban, and forest.
- Exclude non-grassland areas from subsequent analyses using as a mask.
- Use images for spring and summer to enhance the discrimination of native grassland.
- Classify the grassland areas to discriminate categories such as native grassland, introduced grassland, and grassy woodland.

See Report for further details.

Limitations on public access

Scope

dataset

DQ Completeness Commission

Effective date

2001-01-01

DQ Completeness Omission

Effective date

2001-01-01

Responsible party

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Metadata date

2024-02-26T14:51:04.529184

Metadata language