

<b>Title</b>	Grassy Ecosystems in the Upper Catchment of the Shoalhaven River (Southern Tablelands Section). VIS_ID 3916
<b>Alternative title(s)</b>	ShoalhavenGrassland_E_3916
<b>Abstract</b>	Native grasslands, grassy woodlands and derived grassland of the Upper Catchment of the Shoalhaven River based on multi-temporal satellite imagery. Associated Report: "Remote Sensing Mapping of Grassy Ecosystems in the Upper Catchment of the Shoalhaven River (Southern Tablelands Section)", AGRECON, 2005. VIS_ID 3916
<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>Data quality statement for Grassy Ecosystems in the Upper Catchment of the Shoalhaven River (Southern Tablelands Section). VIS_ID 3916</p> <p>Function: download</p>
<a href="#">Vegetation ShoalhavenGrassland 3916</a>	<p>Name: Vegetation ShoalhavenGrassland 3916</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	23d5a9d0-ed0a-43aa-9ea0-9dd9dcfe19af
<b>Presentation form</b>	Map digital
<b>Edition</b>	unknown
<b>Dataset language</b>	English
<b>Metadata standard</b>	
<b>Name</b>	ISO 19115
<b>Edition</b>	2016
<b>Dataset URI</b>	<a href="https://datasets.seed.nsw.gov.au/dataset/23d5a9d0-ed0a-43aa-9ea0-9dd9dcfe19af">https://datasets.seed.nsw.gov.au/dataset/23d5a9d0-ed0a-43aa-9ea0-9dd9dcfe19af</a>
<b>Purpose</b>	To produce regional maps of native grasslands, grassy woodlands and derived grassland of the Upper Catchment of the Shoalhaven River based on multi-temporal satellite imagery.
<b>Status</b>	Completed
<b>Spatial representation type</b>	grid
<b>Spatial reference system</b>	
<b>Code identifying the spatial reference system</b>	4283

Spatial resolution 25 m

Additional  
information  
source

Walter,K. and Schelling,K. (2005). Remote Sensing Mapping of Grassy Ecosystems in the Upper Catchment of the Shoalhaven River (Southern Tablelands Section).  
AGRECON

Topic category

<b>Keyword set</b>	
keyword value	VEGETATION FLORA
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	149.306553
East bounding longitude	150.321639
North bounding latitude	-36.128183
South bounding latitude	-34.574831
<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	2000-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Unknown
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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Responsible party role	pointOfContact

**Lineage** Satellite imagery from the Landsat 5 TM and Landsat 7 ETM+ sensors was the main data source used to map the different types of grasslands and grassy woodlands.

NSW DEC provided an extensive point database of grassy ecosystem information collected in the study area. A dataset of 287 of accurately georeferenced sites was collected specifically for this project. This included 71 datapoints with vegetation information collected in previous years that were also utilised in the project. This extensive database of field information was used to interpret the results of the satellite image classification.

NSW DEC also provided several vector data sets that were used to complete the study:

The methodology to map different types of grasslands and grassy woodlands generally follows the approach used in the study "Remote Sensing Detection of Native Grasslands using Multi-Image Spectral Analysis - South Eastern Highlands of NSW". This study was completed by ERIC in 2001 for NSW NPWS.

The basic steps of this methodology are:

Classify the imagery to identify the non-grassland areas, such as water, urban and forest.

Exclude non-grassland areas from subsequent analyses by masking them in the imagery.

Classify only the grassland areas to discriminate categories such as native grassland, exotic grassland and grassy woodland. Images from autumn, winter, spring and summer are used to enhance the discrimination of the different grassland types.

**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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Responsible party role pointOfContact

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Responsible party role pointOfContact

Metadata date 2024-02-26T13:56:04.316329

Metadata language