Title	Modelled pre-1750 Vegetation Map of Gundagai Shire. VIS_ID 3961
Alternative title(s)	GundagaiLGA_2005_P_3961
Abstract	Modelled pre-1750 Vegetation of Gundagai Shire. Pre-European vegetation was modelled to show the distribution of the major vegetation types across Gundagai Shire prior to clearance activities. Estimated current extent of the extant area of each vegetation community based on canopy layer only. The estimate was generated by overlaying the pre-1750 model with a woody/non-woody layer derived from satellite photography. It is important to recognise that the models are based on extrapolations from a few hundred plot locations, at which vegetation present was matched to numerous environmental parameters. The key parameters in determining vegetation within Gundagai Shire are soils, geology, topographic position and rainfall. Thus the model and map is only as good as the soil or geological mapping available for the Shire. The models have most use in providing the extent and context of a vegetation community across the landscape. They provide a strong indication of likely vegetation types present, but should not be regarded as a definitive guide.

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Modelled pre-1750 Vegetation Map of Gundagai Shire. VIS_ID 3961 Function: download
Vegetation GundagaiLGA 3961	Name: Vegetation GundagaiLGA 3961 Protocol: WWW:DOWNLOAD-1.0-http--download Function: download

Unique resource identifier

Code	4c0b83b0-a30b-4ce5-a5d6-40672a743421

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/4c0b83b0-a30b-4ce5-a5d6-40672a743421
Purpose	Vegetation Mapping
Status	Completed

Spatial representation

Type	vector

Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Mulvaney, M., Boak, M Priday, S, Hudson K. and Crane, M (2005) The Native Vegetation of Gundagai Shire. NSW Department of Environment and Conservation, Queanbeyan NSW.
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	147.685857
East bounding longitude	148.583084
North bounding latitude	-35.282139
South bounding latitude	-34.770769

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	2005-06-01
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

This dataset shows the modelled pre-European settlement (ie prior to clearance activities) distribution of the major vegetation types across Gundagai Shire. It is important to recognise that the models are based on extrapolations from a few hundred plot locations, at which vegetation present was matched to numerous environmental parameters. The key parameters in determining vegetation within Gundagai Shire are soils, geology, topographic position and rainfall. Thus the model and map is only as good as the soil or geological mapping available for the Shire. Modelling is about providing a general picture, not about being right all the time. The models have most use in providing the extent and context of a vegetation community across the landscape. They provide a strong indication of likely vegetation types present, but should not be regarded as a definitive guide.

The mapping project involved initial stratification of the shire into units based on broad geological types, average annual temperature and average annual rainfall. Different environmental units were sampled by a vegetation plot survey. These surveys recorded all vascular plant species (ie herbs, grasses, forbs, shrubs, trees and ferns) and their abundance within over 200 plots, each with an area of 400m2 (ie 20m x 20m).

The data was then used to identify plant communities within the shire and the distribution of these communities in relation to a multitude of parameters including geology, soil type, slope, topography, aspect, temperature and rainfall.

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	2001-01-01
DQ Completeness Omission	
Effective date	2001-01-01

Responsible party

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

Metadata point of contact

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Metadata date

2024-02-26T12:48:05.242000

Metadata language