Title	Nandewar WRA final vegetation layer - VIS_ID 12 & VIS ID 3881
Alternative title(s)	Nandewar_ext_VIS_12; Nandewar_p1750_VIS_3881
Abstract	This project constitutes the Vegetation Mapping and Survey component of the Nandewar WRA Biodiversity Surrogates Project. The Nandewar WRA follows that previously undertaken for the Brigalow Belt South Bioregion. The Nandewar WRA area encompasses parts of the Nandewar and New England Tablelands bioregions (within NSW only) which had not been previously assessed in either the Comprehensive Regional Assessments or the Brigalow Belt South WRA.; ; The final vegetation layer is a composite of 108 individual; modelled probability surfaces, each representing a derived; vegetation community. VIS_ID 12. VIS_ID 3881.; ; ANZLIC: ANZNS0208000226

Resource locator

Data Quality Statement	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for Nandewar WRA final vegetation layer - VIS_ID 12 & VIS ID 3881
	Function: download
Vegetation VIS Nandewar WRA 12 3881	Name: Vegetation VIS Nandewar WRA 12 3881
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Function: download

Unique resource identifier

Code	71246e93-5f10-40b1-aaa2-8c2e75efa33a
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/71246e93-5f10-40b1-aaa2-8c2e75efa33a
Purpose	Vegetation Mapping
Status	Completed
Spatial representation type	grid

Spatial reference system

Code identifying the spatial	4283

reference system	
Spatial resolution	10 m
Additional information source	Nandewar_ext_VIS_12 - veg extant; Nandewar_p1750_VIS_3881 - predicted pre-clearing data; ; Department of Environment and Conservation 2004, Nandewar Biodiversity Surrogates: Vegetation. Report for the Resource; and Conservation Assessment Council (RACAC), NSW Western Regional Assessments, coordinated by NSW Department of; Infrastructure, Planning and Natural Resources, Project no. NAND06. Department of Environment and Conservation, Coffs; Harbour.; ; Attributes:; Value; Count; Map unit number = number of map unit; Map unit description = name of map unit; Predicted Area = number of hectares occupied by the map; unit outside the extent of native vegetation (ie. on cleared; land); Extant Area = number of hectares occupied by the map; unit within the extent of existing vegetation; Total Area = number of hectares occupied by the map unit; overall (= Predicted Area + Extant Area); Status - conservation status of map unit; Note : map unit = vegetation community in the above; descriptions
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	149.883215
East bounding longitude	151.837922
North bounding latitude	-31.897971
South bounding latitude	-28.633424

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	2004-06-01
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	1) Full floristic plot data - 2,908 individual plots compiled from 36 flora survey programs.; 2) Abiotic environmental surfaces; 3) Derivation of probability surfaces; ; Plot data analysed using PATN statistical sofware to derive a set of vegetation communities, each represented by a group of floristically similar sites. Each group modelled across the landscape by reporting sites against abiotic surfaces. Both General Additive Models (GAMs) and General Dissimilarity Models (GDMs) derived for each community.; ; 4) Air Photo Interpretation (API); API used to constrain original models. A unique set of; candidacy rules was developed for each vegetation group; based on API floristics, API understorey, and 100K; mapsheet. The rule sets were applied spatially through a; set of candidacy matrices which acted to reduce the model; probability values in some areas. For any grid-cell of a; given probability surface, the final constrained value was a; product of the original value, canopy probability,; understorey probability, and mapsheet probability of that; community for that grid-cell.; 5) Model selection; GAMs and GDMs for each community were expertly; scrutinised, and one or the other selected as the final; model for integration.; 6) Model integration; 108 final surfaces were merged into the final vegetation; composite using a new approach called iterative partial; replacement, which was designed to replace the gridcells; of over-predicted map units with those of under-predicted; units in the composite.; The final composite layer shows the predicted and current; extent of each vegetation community.

Limitations on public access	

Scope	dataset

DQ Completeness Commission

Effective date	2009-10-01

DQ Completeness Omission

Effective date	2009-10-01

DQ Topological Consistency

Explanation	Checked for missing attributes All attributes were checked

DQ Absolute External Positional Accuracy

Explanation	10m to 100m within extent of API.

DQ Non Quantitative Attribute Correctness

Explanation	A total of 696 canopy-only sites not used for modelling; were available to provide an evaluation against positive; diagnostic canopy species listed in each community.; Model accuracy is between 80-97% within the extent of; existing vegetation, indicating that on at least 4 of 5; occasions, a vegetation type on the ground will be; consistent with the model (on the basis of canopy; floristics).; Model accuracy is between 41 to 70% outside the extent; of mapped native vegetation, provide some level of; confidence in the vegetation model in terms of predicting; communities on cleared land.; A more suitable approach to model validation would; require comparison of model distribution against a new set; of survey sites (preferably full-floristic) across the region.

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
2024-02-26T14:36:13.930071

Metadata language