Title	Forest Ecosystems, South Coast Sub-region VIS_ID 3787
Alternative title(s)	fe_coast_ext_VISmap_3787
Abstract	The extant Forest Ecosystem map for the South Coast sub-region comprises a number of different models and API data. Expert botanists developed the map within extant vegetation, by assigning API polygons to vegetation groups, determined by an ecological classification process using PATN software. The processes used were approved and signed off by a review team of expert botanists including two independents, one NPWS representative and one SFNSW representative. On cleared land, a combination of soils, GAMs modelling, and classified site data was used to assign vegetation groups to distinct topographic and soil patterns. The extant map was derived from masking the pre-1750 map to the extant vegetation. 101 distinct ecosystems have been mapped in the extant map for this sub-region. (VIS_ID 3786; ANZLIC: ANZNS0208000141)

Resource locator

Data Quality Statement	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for Forest Ecosystems, South Coast Sub-region VIS_ID 3787
	Function: download
Download Package	Name: Download Package
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data (Shapefile)
	Function: download

Unique resource identifier

Code	9eccf213-73c0-44c2-a3e3-e66b31ac3593
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/9eccf213-73c0-44c2-a3e3-e66b31ac3593
Purpose	Vegetation Mapping
Status	Completed

Spatial representation

Type	vector

Geometric Object Type	curve
Geometric Object Count	1

Spatial reference system

Code identifying the spatial reference system	4283

Equivalent scale	1:None

Additional information source	Replaced by FE_CRA_Sthn_Revised05_E_3858. The updated (2005) data covers the whole of the southern CRA area.

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	149.133456
East bounding longitude	150.849613
North bounding latitude	-36.382339
South bounding latitude	-34.342111

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	1990-06-01
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	Extant vegetation was mapped for the South Coast sub-region of the Southern CRA area, using a multi-stepped approach. The pre-1750 vegetation map was compiled using the procedure described below, and then cut with a mask of extant vegetation derived from the Aerial Photograph Interpretation layer (see CRAFTI API project report, DUAP in prep) and the Eastern Bushland Database for two small sections not covered by API mapping. The coverage of existing vegetation was derived by gridding all API codes other than plantations (P and PP), excluded areas (EX), bare ground (A) and exotic forest (CV).Firstly 3740 full floristic vegetation survey sites were classified into vegetation communities using PATN software. Then Aerial Photograph Interpretation polygons were assigned to the PATN classes (note: air photos were flown between 1990 and 1997). Modelling of pre-1750 vegetation on cleared land used the following approach. Twenty Generalised Additive Models (GAMs) identified the environmental envelopes, and mapped areas with high probabilities of occurrence, for all ecosystems with ten sites or more. The soil landscape data layer (Lithology and Soils Project report, DLWC 1999) was used to identify likely pre-1750 vegetation. Expert models were used in a few instances where botanical experts were able to identify the suite of conditions associated with a particular ecosystem, but GAMs were not possible. Order of precedence for the 33 layers incorporated in the map, was based on the opinion of expert botanists and confidence in each model (those with lowest confidence were placed under those of higher confidence).

Limitations on public access

Scope	dataset

DQ Completeness Commission

Effective date	2009-01-10
Explanation	The spatial data coverage is complete for the entire set. Each spatial element is attributed. Attribute verification is incomplete.

DQ Completeness Omission

Effective date	2009-01-10

DQ Conceptual Consistency

Explanation	Logical consistency tests were performed on all layers used in the modelling process. These included checking for consistency in origin and geo-referencing between layers. A small number of forest ecosystems were not mapped due either to a lack of data, or the scale of the regional map. These were FES's 26, 30, 31, 33,105,125142, and143.

DQ Topological Consistency

Explanation	Checked for missing attributes All attributes were checked

DQ Absolute External Positional Accuracy

Explanation	The attribute of this dataset is the forest ecosystem type which is defined as any group of tree-dominated stands which possess a general similarity in composition and character. There are approx. 200 forest ecosystem types identified and described across the whole of the CRA Region. A subset of these vegetation types were found in the South Coast sub-region. Spatial units were attributed as described in the Lineage section of this metadata statement. While the experts and field assessors undertook a limited accuracy assessment, it is not possible to give a percentage value of how well the attributes conform to the classification method. A more detailed assessment will be provided in the final project report. Modelled forest ecosystem types were given a reliability code, rated from 1 (high) to 5 (low).

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

2024-02-26T15:33:43.880099

Metadata language