Title	Historic Woody Vegetation Mapping of the NSW Wheat-belt - Band B. VIS_ID 4183
Alternative title(s)	NarrabriWheatbelt_E_4183
Abstract	This map and reports (cited below) present the results of research on the rate of change of native woody vegetation in the Central New South Wales wheatbelt. The study was carried out over three years and analysed vegetation change between the 1980s and 2000. The project tested methods to map changes in native woody vegetation using direct visual inspection of readily available Landsat TM satellite imagery. NPWS mapping of native woody vegetation types within the wheatbelt provided the 1980s baseline information for the study. Clearing was identified on the satellite images and digitised. The resulting clearing maps were used to produce updated maps of remaining native woody vegetation for each monitoring period. Systematic validation of the mapping was done by comparison with specially flown, fine-scale aerial photography. Validation results showed that the mapping consistently and accurately distinguished between clearing and areas of no-change with typical accuracy rates of approximately 95%. [VIS_ID 4183]

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Historic Woody Vegetation Mapping of the NSW Wheat-belt - Band B. VIS_ID 4183 Function: download
Vegetation NarrabriWheatbelt 4183	Name: Vegetation NarrabriWheatbelt 4183 Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download Data Package Function: download

Unique resource identifier

Code	4df12a56-3012-46dc-843a-a02fce7533d1

Presentation form	Map digital
Edition	1
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4df12a56-3012-46dc-843a-a02fce7533d1
Purpose	To map the rate of change of native woody vegetation in the Central New South Wales wheatbelt.
Status	Completed

Spatial representation

Type	vector

Spatial reference system

Code identifying the spatial reference system	4283

Equivalent scale	1:None
Additional information source	Sivertsen,D & Metcalfe,L. (1995). Natural vegetation of the southern wheat-belt (Forbes & Cargelligo 1:250000 map sheets). Cunninghamia v4(1):103-128Bedward M., Sivertsen D.P., Metcalfe L.M., Cox S.J. & Simpson C.S.(2001). Monitoring the rate of native woody vegetation change in the New South Wales wheatbelt. Final Project Report to the Natural Heritage Trust / Environment Australia. (NPWS Sydney).

Topic category

Keyword set

keyword value	BOUNDARIES-Biophysical ECOLOGY-Landscape FLORA-Native VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	146.80547
East bounding longitude	149.91374
North bounding latitude	-31.006655
South bounding latitude	-29.99434

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	1980-01-01
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

Interpretation of various scales (1:50,000,1:80,000,1:85,000) of aerial photography used to define boundaries of native woody vegetation. Boundaries then transferred to 1:100 000 scale maps and digitised using Environmental Resource Mapping System E-RMS. Landsat 1:250,000 satellite images used to define the boundaries of areas cleared of native woody vegetation which were transferred to then digitised from 1:250,000 maps using E-RMS and ArcInfo.

Limitations on public access

Scope: dataset

DQ Completeness Commission

Explanation: The dataset complete with reference to range and field verification. Native vegetation defined as Greater than 5 percent crown cover. Where cover less than 5 percent, remnants were visited in the field before mapping. Treeless remnants only mapped where observed in the field. Remnants less than 10Ha were not mapped. Limited ground truthing possible as much of the vegetation has been cleared, remnants correlated with existing digital data.

DQ Completeness Omission

Explanation: The dataset complete with reference to range and field verification. Native vegetation defined as Greater than 5 percent crown cover. Where cover less than 5 percent, remnants were visited in the field before mapping. Treeless remnants only mapped where observed in the field. Remnants less than 10Ha were not mapped. Limited ground truthing possible as much of the vegetation has been cleared, remnants correlated with existing digital data.

DQ Topological Consistency

Explanation: The GIS package ERMS was used to do a topological consistency check to ensure all polygons are closed, nodes are formed at intersection of lines, all polygons are labelled once and there are no duplications. After capture, the coverage was checked against original air photomapping and errors corrected.

DQ Absolute External Positional Accuracy

Explanation: Precision: Digital data accurate to 100m (deductive estimate). Consistent with cultural (roads) and physical (rivers and dams) attributes at the 1:100 000 map scale.

DQ Non Quantitative Attribute Correctness

Explanation: The Title field describes the vegetation category. Very high degree of accuracy at the 1:250 000 scale. Based on extensive ground truthing at the 1:100 000 scale, objective classification using PATN on 1200 sites and Air photo interpretation.

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

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 date

2024-02-26T13:36:04.277590

Metadata language