

Title	Murray Riparian Vegetation Mapping. VIS_ID 4156
Alternative title(s)	RiparianVegMDBC_1990_E_4156
Abstract	In 1986, the River Murray Riparian Vegetation Survey was initiated by the Murray-Darling Basin Commission (MDBC) to assess the present status of the vegetation along the River Murray, to identify causes of degradation, and to develop solutions for its rehabilitation and long term stability. The Study area was the floodplain of the River Murray and its anabranches, including the Edward-Wakool system, from below Hume Dam to the upper end of Lake Alexandrina, a total of nearly 9,000 square kilometres (900,000 hectares). The survey was conducted by Margules and Partners Pty Ltd, P and J Smith Ecological Consultants, and the then Victorian Department of Conservation, Forests and Lands (DCFL). The results were then compiled by DCFL, a report published (see References) and a GIS was constructed. Please note that the vegetation mapping uses a mixed floristic/structural classification. VIS_ID 4156
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Murray Riparian Vegetation Mapping. VIS_ID 4156 Function: download
Vegetation_RiparianVegMDBC_1986_NSW_4156	Name: Vegetation_RiparianVegMDBC_1986_NSW_4156 Protocol: WWW:DOWNLOAD-1.0-http--download Description: File for Download Function: download
Unique resource identifier	
Code	4660061e-84da-4c0f-8fc9-31ce9a0e23ad
Presentation form	Map digital
Edition	2.1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4660061e-84da-4c0f-8fc9-31ce9a0e23ad
Purpose	To map native vegetation along the River Murray.
Status	Completed
Spatial representation	

Type	vector
Geometric Object Type	curve
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	0 m
Additional information source	Footprint supplied only. Contact Murray-Darling Basin Commission for data access. Margules & Partners Pty Ltd, P and J Smith Ecological Consultants, Department of Conservation Forests and Lands Victoria, 1990: Riparian Vegetation of The River Murray: A Summary, Murray-Darling Basin Commission, Canberra.
Topic category	

Keyword set	
keyword value	vegetation biota
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	140.888672
East bounding longitude	147.041016
North bounding latitude	-36.385913
South bounding latitude	-33.870416
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	1986-01-01
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
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Responsible party role	pointOfContact

Lineage Collection Method - the survey A comprehensive bibliography was compiled on the floodplain vegetation, its environment and the impact of human activity. The literature was reviewed and summarised. A field survey was carried out, visiting 112 sites throughout the study area and collecting vegetation data from 335 plots. Brief studies were made of the effects of river regulation and salinisation at specific sites. Collection Method - Digitising After mapping from a variety of sources was completed by the consultant, Adam Choma of the then Victorian Department of Conservation, Forests and Lands (DCFL), compiled the riparian vegetation mapping and completed the digitising in 1990. Adam's description of how the data was digitised follows: " 1:100 000 AUSLIG topographic maps were used as the base for all work. " Film transparencies from AUSLIG were used in most cases but occasionally paper maps were used. " Maximum acceptable RMS error was 0.002 on all digitising (this value is scale independent). " Old Forestry Commission maps (one of the data sources) were often inaccurate at the presentation scale of 1:15840 and needed to be edited into shape. " The other major source of information was NSW Department of Lands black and white aerial photography at the scale of 1:45 000. This was ground checked. " Topographic base maps from AUSLIG were found to be very poor with, for example, poor edge-matching, roads discontinuous across map sheets and roads changing type (eg. sealed to dirt) across map sheet boundaries. " All riparian vegetation maps were checked twice to ensure any error was in acceptable limits. The data was then reprojected by the MDBC from UTM AGD66 datum and Australian National spheroid to UTM WGS84 datum and spheroid. 1/11/2007 - River reaches merged into single feature class, topology checking and attribute update.

Limitations on public access

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
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Metadata language