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| <b>Title</b>                                  | Murray Riparian Vegetation Mapping (MDBC). VIS_ID 3964                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Alternative title(s)</b>                   | RiparianVegMDBC_1989_E_3964                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Abstract</b>                               | <p>In 1986, the River Murray Riparian Vegetation Survey was initiated by the Murray-Darling Basin Commission 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.</p> <p>Please note that the vegetation mapping uses a mixed floristic/structural classification. VIS_ID 3964</p> |
| <b>Resource locator</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <a href="#">Data Quality Statement</a>        | <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>DQS - Murray Riparian Vegetation Mapping (MDBC). VIS_ID 3964</p> <p>Function: download</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <a href="#">Vegetation Riparian MDBC 3964</a> | <p>Name: Vegetation Riparian MDBC 3964</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download Shapefile</p> <p>Function: download</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Unique resource identifier</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Code                                          | a0fdf276-9e22-4d88-93f0-72072541b3c6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Presentation form</b>                      | Map digital                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Edition</b>                                | Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Dataset language</b>                       | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Metadata standard</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Name                                          | ISO 19115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Edition                                       | 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Dataset URI</b>                            | <a href="https://datasets.seed.nsw.gov.au/dataset/a0fdf276-9e22-4d88-93f0-72072541b3c6">https://datasets.seed.nsw.gov.au/dataset/a0fdf276-9e22-4d88-93f0-72072541b3c6</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purpose</b>                                | Vegetation Mapping.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Status</b>                                 | Completed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Spatial representation</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                                          | vector                                                                                                                                                                                                                                                                                                                  |
| Geometric Object Type                         | curve                                                                                                                                                                                                                                                                                                                   |
| Geometric Object Count                        | 58                                                                                                                                                                                                                                                                                                                      |
| Spatial reference system                      |                                                                                                                                                                                                                                                                                                                         |
| Code identifying the spatial reference system | 4283                                                                                                                                                                                                                                                                                                                    |
| Equivalent scale                              | 1:None                                                                                                                                                                                                                                                                                                                  |
| Additional information source                 | Margules & Partners (1990). Riparian Vegetation of the River Murray. Report by Margules & Partners, P & J Smith Ecological Consultants and Vic Department of Conservation Forests & Lands. Murray-Darling Basin Commission, Canberra.Footprint supplied only. For data access, contact Murray-Darling Basin Commission. |
| Topic category                                |                                                                                                                                                                                                                                                                                                                         |

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| <b>Keyword set</b>                               |                                |
| keyword value                                    | VEGETATION<br>FLORA            |
| <b>Originating controlled vocabulary</b>         |                                |
| Title                                            | ANZLIC Search Words            |
| Reference date                                   | 2008-05-16                     |
| <b>Geographic location</b>                       |                                |
| West bounding longitude                          | 141.003348                     |
| East bounding longitude                          | 147.001253                     |
| North bounding latitude                          | -36.498614                     |
| South bounding latitude                          | -33.91092                      |
| <b>Vertical extent information</b>               |                                |
| Minimum value                                    | -100                           |
| Maximum value                                    | 2228                           |
| <b>Coordinate reference system</b>               |                                |
| Authority code                                   | urn:ogc:def:cs:EPSG::          |
| Code identifying the coordinate reference system | 5711                           |
| <b>Temporal extent</b>                           |                                |
| Begin position                                   | 1986-01-01                     |
| End position                                     | N/A                            |
| <b>Dataset reference date</b>                    |                                |
| <b>Resource maintenance</b>                      |                                |
| Maintenance and update frequency                 | Unknown                        |
| <b>Contact info</b>                              |                                |
| Contact position                                 | Data Broker                    |
| Organisation name                                | Murray-Darling Basin Authority |
| 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. Metadata imported.C:\Program Files\ArcGIS\Metadata\ANZMeta\Thesaurus\temp.xml2007110114594100

Limitations on public access

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|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scope                                     | dataset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DQ Completeness Commission                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Effective date                            | 2009-01-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Explanation                               | Riparian vegetation mapping is complete for the flood plain of the River Murray and its anabranches, including the Edward-Wakool system, from below Hume Dam to the upper end of Lake Alexandrina.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DQ Completeness Omission                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Effective date                            | 2009-01-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DQ Conceptual Consistency                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Explanation                               | The dataset has full polygon topology. There are no dangles or label errors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DQ Absolute External Positional Accuracy  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Explanation                               | Probably there is less than 1mm average error at the 1:100 000 scale. Riparian vegetation data was plotted at 1:50 000 and overlaid on wetlands maps from a separate study (Wetlands of the River Murray) completed by Bob Pressey in 1986 (on clear film). The correlation was found to be surprisingly good, probably within the limits of accuracy for a 1:50 000-scale map. Presentation scale for the riparian vegetation data should be 1:100 000 in view of the limits of the source material and topographic base. Reliability of data declines with decreasing scale from the presentation scale, ie. scale less than 1:100 000. Old Forestry Commission maps (one of the data sources) were often inaccurate at the presentation scale of 1:15840. Other maps, for example in South Australia and near Mildura, have less than average quality but were still considered acceptable. Please note that the Murray-Darling Basin Commission is currently trying to "rescue" this data to a new improved orthophoto base, accurate to 1:25,000 scale. This dataset will include all the attributes of the Margules and Partners dataset, but the vegetation boundaries will be significantly more accurate. |
| DQ Non Quantitative Attribute Correctness |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Explanation                               | Old Forestry Commission maps (one of the data sources) were often inaccurate at the presentation scale of 1:15840. Good correspondence with the 1:50 000 Pressey data is probably because the same source material was used for both 1:50 000 and 1:100 000 scale topographic mapping.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Responsible party                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Contact position                          | Data Broker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Organisation name                         | Murray-Darling Basin Authority                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Responsible party role                    | pointOfContact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Metadata point of contact                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Contact position                          | Data Broker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Organisation name                         | Murray-Darling Basin Authority                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Responsible party role                    | pointOfContact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Metadata date                             | 2024-02-26T13:09:38.346838                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Metadata language                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |