Alternative title(s) MurrayCMA_east_type_E_3808; MurrayCMA_west_data_E_3801 Abstract title(s) NurrayCMA_west_type_E_3808; MurrayCMA_west_data_E_3811 Abstract MurrayCMA_west_type_E_3808; MurrayCMA_west_data_E_3810 Abstract MurrayCMA_west_type_E_3808; MurrayCMA west_data_E_3811 Spectral response of individual SPOT 5 scenes varied widely across the catchments os it was to used in the classification of vegetation type, scanes varied widel and climate integration and climate layers; all of which are available for the entire State. Over 340 new full floristic survey sites and spatial layers was explored by using machine learning software and vegetation type was classified using an object-based nearest neighbour approach. The catchment was dvided into three discrete spatial models with separate training and validation survey site. Model performance was assessed on the basis of the number of NSWVCA types mapped correctly in five classes of precision. The percentage of correctly modelled vegetation types in five classes of precision ranged between 72% and 78%. Rober, A., SVERTSEN, D., AND DENHOLM, B. 2010. The Native Septation of the MurrayCMA asasses of hart the product can evolve as more field dat	Title	Native Vegetation of the Murray Catchment Management Authority Area. VIS_ID 3808, VIS_ID 3809, VIS_ID 3810, VIS_ID 3811		
Abstract Native vegetation was delineated into stands using feature recognition software. A hybrid iclassification method that combined spatial modelling and visual interpretation was used to combine the features and create a vegetation map. SPOT 5 and Landsat satellite imagery was used in the creation of image objects. The spectral response of individual SPOT 5 scenes varied widely across the cathment so it was not used in the classification of vegetation type. Spatial layers used in the classification included a Digital Elevation Model (DEM). Landsat reflectance data, radiometric data and soil and climate layers, all of which are available for the entire state. Over 30 new full finds its ways size were combined with 900 existing survey sites and spatial layers was explored by using machine learning software and vegetation type. The relationship between survey sites and spatial layers was explored by using machine learning software and vegetation type was classified using an object-based nearest neighbour approach. The catchment was divided vegetation types ranged between 25% and 68%. Several vegetation community types were not able to be modelled (e.g. chenopods) or were poorty modeled based on the visual interpretation of remotely sensed data. The amended passessed of precision. The parcentage of correctly mapped vegetation types in five classes of precision range between 72% and 78%. Resource location Protecol: WWW:DOWNLOAD-1.0-httpdownload Restraction Mame: Data Quality Statement State Quality Name: Vegetation of the Murray Catchment Management Authority Area. VIS_ID 3808, VIS_ID 3809, VIS_ID 3810, VIS_ID 3810, 3811 Protocol: WWW:DOWNLOAD-1.0-httpdownload	Alternative title(s)	MurrayCMA_east_type_E_3808; MurrayCMA_east_data_E_3809; MurrayCMA_west_type_E_3810; MurrayCMA_west_data_E_3811		
SPOT S and Landsat satellite imagery was used in the creation of image objects in spoctari response of individual SPOT S scenes varied wildly across the catchment so it was not used in the classification of vegetation type. Spatial layers used in the isasification included a Digital Elevation Model (DEM). Landsat reflectance data, radiometric data and soil and climate layers, all of which are available for the entity stree State. Over 340 new full floristic survey sites were combined with 900 existing survey sites were combisisoned and the results were combined with 900 existing survey sites and spatial layers was explored by using machine learning software and vegetation type was classified using an object-based nearest neighbour approach. The catchment was divided into three discrete spatial models with separate training and valiation survey sites. Model performance was assessed on the basis of the number of NSWCA types mapped correctly in five classes of precision. The percentage of correctly modelled depatient types ranged between 58% and 68%. Several vegetation community types were not able to be modelled (e.g. chenopods) or were poorly modelled due to lack of sample data. These communities were added or amended based on the visual interpretation of remotely sensed data. The amended map was assessed against a limited subset of independent survey data. The mapping was presented in a geodatabase, which allows for user-generated updates of that vultority Area. NSW Department of Environment, Climate Change and Water, Sydney, Australia. Vastatement Name: Data Quality Statement Statement Protocol: WWW.DOWNLOAD-1.0-httpdownload Description: D05 - Native Vegetation of the Murray Catchment Management Authority Area. VIS_ID 3808 VIS_ID 3809 VIS_ID 3810 VIS_ID 3811	Abstract	Native vegetation was delineated into stands using feature recognition software. A hybrid classification method that combined spatial modelling and visual interpretation was used to combine the features and create a vegetation map.		
Image: Section 1The relationship between survey sites and spatial layers was explored busing an object-based mearest neighbour approach. The catchment was classified using an object-based mearest neighbour approach. The catchment was divided into three discrete spatial models with separate training and validation survey sites. Model performance was assessed on the basis of the number of NSWCA types mapped correctly in five classes of precision. The percentage of correctly modelled vegetation types ranged between S8% and 68%.Several vegetation community types were not able to be modelled (e.g. chenopods) or amended based on the visual interpretation of remotely sensed data. The amended map was assessed against a limited subset of independent survey data. The percentage of correctly mapped vegetation types in five classes of precision ranged between 72% and 78%.Resource location community types were not able to be modelled (e.g. chenopods) or ware added Dased on the visual interpretation of remotely sensed data. The amended map was assessed against a limited subset of independent survey data. The percentage of correctly mapped vegetation types in five classes of precision ranged between 72% and 78%.Resource location community types were not able to be modelled (e.g. chenopods) or ware added or amended the situal interpretation of remotely sense data. The percentage of correctly mapped vegetation types in five classes of precision ranged between 72% and 78%.Pata Quality Situan and Updates and Water Sydney, Australia.Nis Dase VIS_ID 3809 VIS_ID 3810 VIS_ID 3811Protocol: WWW:DOWNLOAD-1.0-httpdownloadDescription:Download ShapefileProtocol: WWW:DOWNLOAD-1.0-httpdownload8808_3809_3809_3810_3811Protocol: WWW:DOWNLOAD-1.0-httpdownload8808_3809_3809_3809_3810_3811Protocol: WWW:DOWNLOAD-1.0-httpdownload </th <th></th> <th>SPOT 5 and Landsat satellite imagery was used in the creation of image objects. The spectral response of individual SPOT 5 scenes varied widely across the catchment so it was not used in the classification of vegetation type. Spatial layers used in the classification included a Digital Elevation Model (DEM), Landsat reflectance data, radiometric data and soil and climate layers, all of which are available for the entire State. Over 340 new full floristic survey sites were commissioned and the results were combined with 900 existing survey site records to create training areas for spatial modelling. Each survey site was assigned a New South Wales Vegetation Classification and Assessment (NSWVCA) vegetation type.</th>		SPOT 5 and Landsat satellite imagery was used in the creation of image objects. The spectral response of individual SPOT 5 scenes varied widely across the catchment so it was not used in the classification of vegetation type. Spatial layers used in the classification included a Digital Elevation Model (DEM), Landsat reflectance data, radiometric data and soil and climate layers, all of which are available for the entire State. Over 340 new full floristic survey sites were commissioned and the results were combined with 900 existing survey site records to create training areas for spatial modelling. Each survey site was assigned a New South Wales Vegetation Classification and Assessment (NSWVCA) vegetation type.		
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3810 3811Description: Download Shapefile Function: downloadUnique resource identifierCode3b1efa13-6b94-44af-b3d2-82b649eeea39Presentation formMap digital		Protocol: WWW:DOWNLOAD-1.0-httpdownload		
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Code3b1efa13-6b94-44af-b3d2-82b649eeea39Presentation formMap digital	Unique resource identifier			
Presentation form	Code	3b1efa13-6b94-44af-b3d2-82b649eeea39		
	Presentation form	Map digital		

Edition	Not known			
Dataset language	English			
Metadata standard				
Name	ISO 19115			
Edition	2016			
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3b1efa13-6b94-44af-b3d2-82b649eeea39			
Purpose	To create a vegetation map of the Murray Catchment Management Authority Area.			
Status	Completed			
Spatial representation				
Туре	vector			
Spatial reference system				
Code identifying the spatial reference system	4283			
Equivalent scale	1:None			
Additional information source	ROFF, A., SIVERTSEN, D., AND DENHOLM, B. 2010. The Native Vegetation of the Murray Catchment Management Authority Area, NSW Department of Environment, Climate Change and Water, Sydney, Australia.			
Topic category				

Keyword set	
keyword value	VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	143.213946
East bounding longitude	148.439386
North bounding latitude	-36.806089
South bounding latitude	-34.716469
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	2009-01-01
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 refer to report	t for detailed information
Limitations on public access	

Scope	dataset			
DQ Completene	ss Commis	sion		
Effective date	2001-01-01			
DQ Completene	ss Omission	n		
Effective date	2001-01-01			
DQ Non Quantit	ative Attribu	ute Correctness		
Explanation The percentage of correctly modelled vegetation types ranged between 58% and 68%. The percentage of correctly mapped vegetation types in five classes of precisio ranged between 72% and 78%.		entage of correctly modelled vegetation types ranged between 58% and percentage of correctly mapped vegetation types in five classes of precision between 72% and 78%.		
Responsible	party			
Contact positi	on	Data Broker		
Organisation r	iame	NSW Department of Climate Change, Energy, the Environment and Water		
Telephone nur	nber	131555		
Email address		data.broker@environment.nsw.gov.au		
Web address		https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible p	arty role	pointOfContact		
Metadata point of contact				
Contact positi	on	Data Broker		
Organisation r	iame	NSW Department of Climate Change, Energy, the Environment and Water		
Telephone nur	nber	131555		
Email address		data.broker@environment.nsw.gov.au		
Web address		https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible p	arty role	pointOfContact		
Metadata da	te	2024-08-28T02:01:39.983516		
Metadata lar	iguage			