Title	Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands.
Abstract	The aim of the project was to trial application of the Framework for the Assessment of River and Wetland Health in NSW wetlands. This dataset includes mapping of wetlands in the Murrumbidgee, Murray and Hunter Surface Water Management Areas (SWMAs) completed for the trial. A wetland coverage was compiled using existing wetland and vegetation layers and by mapping additional wetlands from Landsat satellite imagery using a 'water mask' technique. A Wetland typology identifying seven wetland types was developed using climatic variables, soil types, elevation,wetland area, ratio of area to wetland perimeter, and the furthest distance between the wetland and any point in its catchment by applying a multivariate classification technique. Users should refer to the included report to understand the purpose of the dataset, limitations, and suitability for use in further applications: Turak, E., Melrose, R, Islam, T, Imgraben, S and Blakey, R (2011) Testing the Framework for the Assessment of River and Wetland Health in New South Wales wetlands. Office of Environment and Heritage, Department of Premier and Cabinet.ISBN 978 1 74293 356 6. OEH 2011/0779. September 2011

Resource locator

Data Quality Statement	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands.
	Function: download
Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands.	Name: Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands.
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Download Data Package
	Function: download
Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands Report	Name: Testing the Framework for the Assessment of River and Wetland Health in NSW Wetlands Report
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Download Report
	Function: download

Unique resource identifier

Code	2dea155a-b2b3-49c6-897b-7117b607553c

Presentation form	Document digital

Edition	1.0

Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/2dea155a-b2b3-49c6-897b-7117b607553c
Purpose	Regional scale understanding of wetland location and type within the relevant SWMAs
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	curve
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	0 m
Topic category	

Keyword set	
keyword value	WATER-Wetlands
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location	
West bounding longitude	143.217773
East bounding longitude	153.149414
North bounding latitude	-37.487063
South bounding latitude	-30.91542
NSW Place Name	Murrumbidgee SWMA, Murray SWMA, Hunter SWMA

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	1998-02-20
End position	N/A

Dataset reference date	

Resource maintenance	
Maintenance and update frequency	Not planned
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

The FARWH team produced a wetland compilation map for the Murrumbidgee, Murray and Hunter surface water management areas (SWMAs). Ancillary wetland mapping data was integrated with wetland-specific vegetation mapping from the Western Plains (Benson et al. 2006) classification. Additional wetlands were detected from a landsat time-series from 1988 - 2008 using using the 'water mask' method developed by Danaher and Collett (2006). All wetland datasets were combined to form a single spatial layer. Farm dams larger than 0.5 ha were retained.The final water mask layer was checked for accuracy and edited using high-resolution imagery (SPOT 5 2008 and/or ADS40 2008) and DEMs (LiDAR 2009, Shuttle Radar Topography Mission (SRTM) (2004). Wetland boundaries were not confirmed by ground field survey.

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
Responsible party role	pointOfContact

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Metadata date
2024-02-26T12:52:03.046959

Metadata language