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	documentDigital
Edition	1.0
Dataset language	eng

Metadata standard

Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
Version	1.1

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

Spatial reference system

Authority code	GDA94 Geographic (Lat\Long)
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	None
Contact info	
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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

Scope: dataset

Responsible party

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Responsible party role	distributor

Metadata date

2017-02-20

Metadata language

eng