

Title	Lake Illawarra Bathymetric Survey 2022/23
Abstract	<p>Wollongong City Council, Shellharbour City Council and NSW Department of Climate Change, Energy, the Environment and Water engaged a consultant to undertake a contemporary bathymetric survey of Lake Illawarra and its tributaries followed by a comparative assessment with the 2008 bathymetric survey. This bathymetric survey was conducted to enable an analysis of sedimentation and erosion within the lake based upon historical data. There were four different techniques used - Real Time Kinematic (RTK) by foot, RTK by boat, Single Beam (SBES) by boat, and Multi Beam Echo Sounders (MBES) by boat. Data collection was conducted as close as possible along historical survey lines (2008) so that a comparison could be made during analysis.</p> <p>This project provides information on the current status and recent changes of the topography of the Lake's bed, indicating the depth of water across the Lake. The comparative results determined if and where sedimentation and/or erosion is occurring.</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Lake Illawarra Bathymetric Survey 2022/23</p> <p>Function: download</p>
Report	<p>Name: Report</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Report (PDF)</p> <p>Function: download</p>
Download Package	<p>Name: Download Package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Vector Data (Esri Feature Class and Shapefile for raw point data) Raster Data (Esri Raster Feature Class and TIFF formatted DEM layers and Report (PDF)</p> <p>Function: download</p>
Unique resource identifier	
Code	c8afa28f-aa87-4bf9-9021-cb80af2ca6c4
Presentation form	Map digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/c8afa28f-aa87-4bf9-9021-cb80af2ca6c4

Purpose	Coastal Management
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	20 m
Topic category	

Keyword set	
keyword value	MARINE-Estuaries MARINE WATER WATER-Lakes
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.794495
East bounding longitude	150.890625
North bounding latitude	-34.563178
South bounding latitude	-34.481713
NSW Place Name	Lake Illawarra
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	2022-08-29
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	All features are logically consistent
Limitations on public access	
Responsible party	
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Metadata date	2024-12-19T00:02:57.613501
Metadata language	