Title	Avoca Lagoon Floodplain Management Study

Abstract	
	Avoca Lagoon is the largest of the four coastal lagoons within Gosford. The lagoon has a cruciform shape with a surface area of 97.5 hectares and average depth of 1.3 metres. The let-out-level is approximately 2 metres above mean sea level. The lagoon entrance is normally closed due to the action of coastal dynamic processes which result in the formation of a beach berm across the lagoon entrance, linking Avoca and North Avoca beaches. Gosford City Council has records of openings of the Avoca Lagoon entrance commencing in 1972. These records show that the entrance has been opened 58 times over the period 1976 to 2003, primarily for flood control purposes. The entrance has broken out naturally on four other occasions when floodwaters caused the lagoon level to rise above the level of the beach berm. Records of inundation of Avoca Lagoon by ocean storms are not as complete as those available for the opening of the entrance. Limited data are available for severe ocean storms in May 1974, June 1978 and August 1986 when waves overtopped the beach berm and entered the lagoon.
	The floodplain management process seeks to promote the adoption of an integrated approach to the management of all lands within the Avoca Lagoon catchment. This floodplain management study addresses the following issues:
	- existing flood behaviour; - environmental and planning considerations; - future development; - climatic change; - flood damages; - floodplain management options; - floodplain management impacts; - floodplain management economics; - preferred floodplain management strategies.

Resource locator

[Avoca Lagoon - Floodplain Management Study](#)	Name: Avoca Lagoon - Floodplain Management Study Protocol: WWW:DOWNLOAD-1.0-http--download Function: download
[Avoca Lagoon & Cockrone Lagoon - Corrections to FS, FPMS & FRMP](#)	Name: Avoca Lagoon & Cockrone Lagoon - Corrections to FS, FPMS & FRMP Protocol: WWW:DOWNLOAD-1.0-http--download Function: download

Unique resource identifier

Code	352f2bcf-b536-4d9e-aea7-2f164d505a48

Presentation form	

Edition	27/06/2017

Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/352f2bcf-b536-4d9e-aea7-2f164d505a48

Purpose	Land and Resource Management

Status	On going

Spatial representation

Type	vector

Spatial reference system

Code identifying the spatial reference system	4283

Topic category

Keyword set

keyword value	

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	151.417866
East bounding longitude	151.43898
North bounding latitude	-33.47448
South bounding latitude	-33.451567
NSW Place Name	Avoca

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	
End position	N/A

Dataset reference date

Resource maintenance

Maintenance and update frequency	As needed

Contact info

Contact position	Data Broker
Organisation name	Central Coast Council
Telephone number	1300 463 954
Email address	ask@centralcoast.nsw.gov.au
Web address	https://www.centralcoast.nsw.gov.au/
Responsible party role	pointOfContact

Limitations on public access

Responsible party

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Metadata date

2024-03-25T09:56:35.086747

Metadata language