

Title	Gosford Coastal Lagoons Flood Studies Comparison of Opening Procedure Avoca and Cockrone Lagoons
Abstract	<p>Storage Volumes: The modelling showed that the approach developed for Terrigal and Wamberal Lagoons could be satisfactorily applied to Avoca Lagoon for the opening of 14 September 1993. In discussions with Paterson Consultants it became apparent that the storage volume of the Lagoon was critical for establishing the peak outflow from the Lagoon. A considerable effort was undertaken in this regard which revealed that a table of height/area of Avoca Lagoon was in error at a level of 1.0 m. In addition it was determined that the Mike-II and RUBICON models determine different storage capacities of the lagoon. There was insufficient time to completely resolve this issue, however preliminary work suggested that the Mike- 11 model was over-calculating storage. The differences in storage make no significant difference to the peak flood level. Comparison of Results: For Wamberal, Avoca and Cockrone Lagoons the peak flood levels from both approaches should be very similar. This is because the berm height is the major control and the peak flood level is only just (0.3m) above the berm level. For Terrigal Lagoon the differences in the two approaches are likely to be more significant as the beach berm is much lower (2.5m AHD) and the peak flood level approximately 0.5m higher than the berm. Additional Work: It is recommended that data be collected for future openings. If the data are suitable they should be used in further verification of the hydraulic models.</p>
Resource locator	
Gosford Coastal Lagoon - Flood Studies Comparison of Opening Procedure Avoca & Cockrone Lagoons	<p>Name: Gosford Coastal Lagoon - Flood Studies Comparison of Opening Procedure Avoca & Cockrone Lagoons</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Unique resource identifier	
Code	02d03bff-cf6d-4fe8-a9f3-531e090e6adf
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/02d03bff-cf6d-4fe8-a9f3-531e090e6adf
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	151.416321
East bounding longitude	151.44001
North bounding latitude	-33.497888
South bounding latitude	-33.448917
NSW Place Name	Gosford

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
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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	2024-03-25T09:56:30.538069
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Metadata language	
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