

Abstract

OBJECTIVES OF THIS STUDY

Bewsher Consulting was commissioned by Mudgee Council on 16th July 1998 to undertake a floodplain management study and plan for the town of Mudgee and its rural surrounds.

Mudgee is located on the banks of the Cudgegong River. The majority of the town is located on relatively high ground on the southern side of the River, with little or no risk of flooding. Other parts of the town, especially to the north of the River and rural land upstream and downstream of the town, are located on lower lying land that is at risk of flooding. A number of floods have occurred in the past, with the largest floods recorded in 1955, 1956 and 1969. Lawsons Creek and Redbank Creek also contribute to flooding problems experienced within the area.

A flood study was recently completed for Mudgee [Department of Land and Water Conservation, 1998]. A computer model was developed as part of the flood study, which provided information on existing flood levels and velocities for the Cudgegong River and Lawsons Creek under a range of flood events.

The current floodplain management study investigates what can be done to minimise the effects of flooding. Specific objectives of the study include:

- a review of the existing flood study model and results;
- additional flood modelling for Redbank Creek;
- quantification of the flood problem in Mudgee and rural surrounds;
- an assessment of potential floodplain management measures to reduce the risks of flooding; and
- the development of a recommended floodplain management plan for the Mudgee area outlining the best measures to reduce flood damage, based on consideration of environmental, social, economic and engineering issues.

Resource locator

Mudgee Floodplain Management Study and Plan	Name: Mudgee Floodplain Management Study and Plan
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Function: download

Unique resource identifier

Code	4dd5f6f9-dcf9-4468-a3e8-c42812cd25cb
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Presentation form

Edition	03/09/2017
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Dataset language	English
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Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4dd5f6f9-dcf9-4468-a3e8-c42812cd25cb
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Purpose	Land and Resource Management
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Status	On going
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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	149.49646
East bounding longitude	149.776845
North bounding latitude	-32.709149
South bounding latitude	-32.500913
NSW Place Name	Mudgee
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	Mid-Western Regional Council
Full postal address	council@midwestern.nsw.gov.au
Email address	council@midwestern.nsw.gov.au
Responsible party role	pointOfContact
Limitations on public access	

Responsible party

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Metadata date 2024-03-25T09:55:41.234955

Metadata language