

## What is the study about?

The main objective of the study is to characterise the flooding behaviour in the catchment describing in detail the potential flood inundation extents, peak water levels, depths and velocities across the floodplain for a range of flood magnitudes.

Detailed computer models are developed specifically for the catchment to simulate flood behaviour. Historical flood information such as rainfall depths, peak water levels, flooded property details etc, are used to ensure the computer models are representative of the real catchment behaviour.

Flood maps across the catchment will be produced using the model results which will show the predicted extent of flooding.

The flood study results will be used to provide more effective flood planning in the catchment and will assist Councils in:

- Setting appropriate levels for future development control;
- Identifying potential works to reduce existing flooding; and
- Improving flood emergency response and recovery.



This project has been implemented through the Gloucester Water Study Project.

## Want more information?

For further information about the Gloucester and Avon Rivers Flood Study, or to provide any information you feel is relevant to the study, please contact:



Kate Johnson  
Gloucester Shire Council  
PO Box 11  
Gloucester NSW 2422  
Ph (02) 6538 5203  
e: [kate.johnson@gloucester.nsw.gov.au](mailto:kate.johnson@gloucester.nsw.gov.au)



Mr Daniel Williams (Project Manager)  
BMT WBM (Consultant)  
Ph 4940 8882  
e: [Daniel.Williams@bmtwbm.com.au](mailto:Daniel.Williams@bmtwbm.com.au)

## We need your help!

Your information about previous flooding, including photographs and video, is highly valuable in understanding flooding behaviour and potential flood risk to residents.

You can help us by passing on information about flooding you may have experienced by completing the questionnaire enclosed with this brochure.

Please take a minute to fill in the questionnaire and return with any other information you feel relevant by 25th July 2014.

# Gloucester and Avon Rivers Flood Study

## Community Information Brochure



Denison Street, June 2011 Flood Event



## Introduction

Gloucester Shire Council is carrying out a flood study to understand flood risks in the Gloucester and Avon Rivers catchment. This includes the Avon River floodplain, the town of Gloucester and the floodplains of the Barrington and Gloucester Rivers upstream to Forbesdale.

Gloucester Shire Council Floodplain Risk Management Committee will oversee the study, providing regular input and feedback on key outcomes. The Committee has a broad representation including Councillors, Council Staff, State Govt. representatives, stakeholder groups and community representatives.

BMT WBM, an independent company specialising in flooding and floodplain risk management, will undertake the study



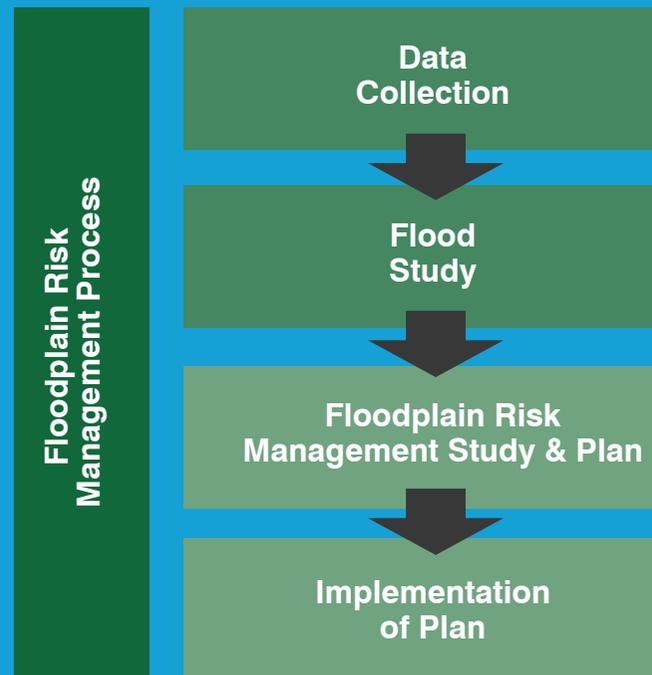
Barrington River

## Why do we need a study?

The Gloucester and Avon Rivers catchment has a history of major flooding, including the significant events of 1929 and 1978 and more recently smaller events in 2011 and 2012.

In order to appropriately plan for future flood events and reduce the potential impacts of flooding on the community, we need to determine the nature and extent of the existing flooding problem across the catchment.

The study will identify existing flood risk within flood prone areas of the catchment including the main areas of existing development and help in Council's planning for the future.



The next stage of the floodplain risk management process is the assessment of a range of options to manage these flood risks for existing and future development.

## Community input and involvement

Community involvement in managing flood risks is essential to improve the decision making process, to identify local concerns and values, and to inform the community about the consequences of flooding and potential management options. The success of the flood planning in the Gloucester and Avon Rivers catchment hinges on the community's input and acceptance of the proposals.

There are a number of ways you can be involved in the study:

Please take a few minutes of your time to complete and return the questionnaire. This will greatly assist in collating people's knowledge and experience about previous flooding history and existing flood problem areas.

A community information session is planned at a later stage following completion of the modelling assessments to present study results and provide further opportunity for feedback from the community.

