

Community Newsletter

Ku-ring-gai Council is calling on residents and business owners to share their ideas to improve flood management in the Middle Harbour Southern Catchments.

The area consists of five catchments. These include Echo Point and Moores Creek in Roseville, “Wellington Road” and Gordon Creek in Lindfield and “Northern and Southern Creeks” in Killara, all flowing into Middle Harbour.

This study will build on previous investigations and provide a holistic assessment of flooding in the study area. It is being prepared to meet the objectives of the NSW State Government’s Flood Policy.

Ku-ring-gai Council has engaged BMT, an engineering consultant specialising in this field, to undertake the study. The NSW Department of Planning Industry and the Environment is providing financial and technical assistance.

Potential Flood Risks

Flooding within Middle Harbour Southern Catchments is caused primarily by significant catchment rainfall causing overland flooding.

The Flood Study will assess flooding behaviour in the catchment to identify the critical or worst case flood conditions for a range of flood events for both catchment and ocean flooding. Overland flows are typical in urban environments where it is not feasible to design stormwater drainage to capture very large and infrequent flood events.

The study will also consider the potential flooding impacts of climate change, from both sea level rise and increased rainfall intensity, in line with current government policy and best practice.



Roseville Chase Flooding February 2020

Photo: Geoff Shuetrim

Key Study Outputs

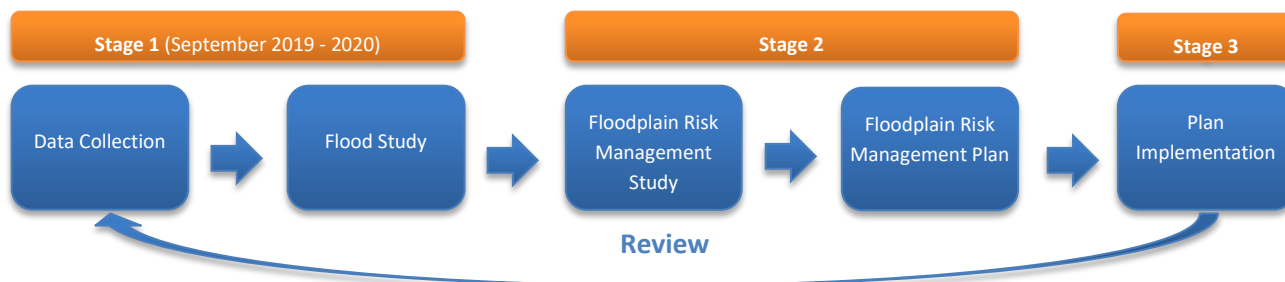
At the core of the study will be the development, calibration and verification of detailed computer models of the catchment to simulate flood behaviour. Historical flood information such as rainfall, peak water levels, flooded property details and more, is used to ensure the computer models are representative of the real catchment behaviour.

The flood study results will assist Council in understanding the mainstream and overland flow behaviour and the associated risk to people and damage to property, enabling the preparation of a risk management plan to:

- Set appropriate levels for development control;
- Identify potential works to reduce existing flooding; and
- Improve flood emergency response and recovery.

Middle Harbour – Southern Catchments Flood Study

NSW Floodplain Risk Management Process



The current project represents the first stage in the NSW Floodplain Risk Management Process which includes data collection and the preparation of a flood study to define existing flood behaviour.

Get involved

Your involvement is essential to the success of the study. It helps us to improve the decision making process, identify local concerns and to inform the community about the consequences of flooding and potential management options.

Your feedback

- Please take a few minutes to complete and return the following questionnaire at <https://www.surveymonkey.com/r/MHSFloodQ> or complete it at Council's Customer Service in Gordon. Responses are due by 30 March 2020 and this will greatly assist in collating people's knowledge and experience about previous flooding history and existing flood problem areas.
- If you would like a hard copy of the questionnaire mailed please contact Sophia Findlay via the details below.
- A number of community information sessions will be held (locations and times to be confirmed). Please come along to hear about the existing and future flood risks in your community and to share your ideas and concerns for ongoing management of flooding in the Middle Harbour Southern Catchments.

Further information

For more information including a link to a useful Frequently Asked Questions, please visit www.kmc.nsw.gov.au/floodrisk or contact:

Ku-ring-gai Council

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