

TOCUMWAL & BAROOGA FLOOD RISK MANAGEMENT STUDY & PLAN



About the study

Berrigan Shire Council has received funding from the NSW State Government to conduct a Flood Risk Management Study and Plan (FRMS&P) for each of the townships and surrounds of Tocumwal and Barooga. The purpose of this study is to evaluate practical and feasible flood risk management options, both due to riverine flooding (from the Murray River), as well as overland flooding from local storms.

This study will improve Council's understanding of flood behaviour and impacts to better inform flood risk management, emergency planning, and land use decision-making in Tocumwal and Barooga. Up to date models will be used to test and recommend various flood mitigation options, such as levee upgrades and improvements to drainage infrastructure.

Community members are encouraged to participate in the study by sharing your experiences of flooding, highlighting flooding hot spots and problem areas, and making suggestions for improvements that we can investigate in this study.

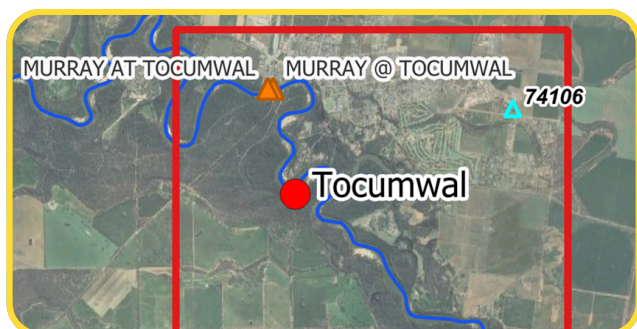
Types of Flooding

Riverine Flooding

Riverine flooding is where rivers break their banks and water covers the surrounding land. This includes major rivers, such as the Murray River, as well as local creeks and channels.

Overland Flow

Overland flow describes rainfall-runoff that flows across the surface of the land (such as lawns, roads, roofs, car parks and natural ground) as it finds its way to the nearest watercourse. Overland flow paths are typically natural depressions, open channels, roadways and public reserves.



Categories of Flood Risk Management Measures

Flood Modification Measures

- Flood control dams
- Retarding basins
- Levees
- Bypass floodways
- Waterway modifications
- Flood gates

Response Modification Measures

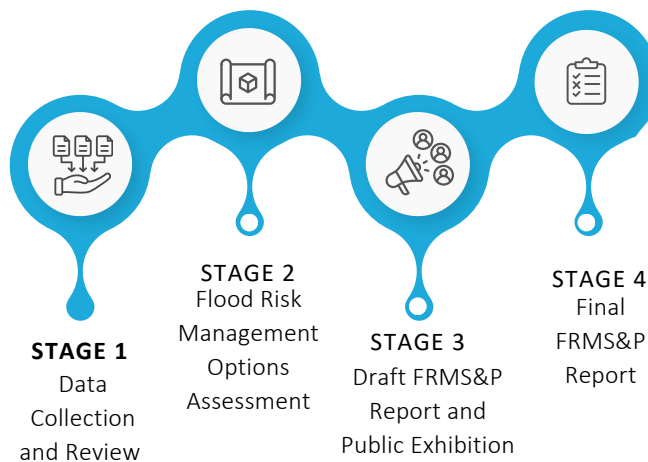
- Community awareness
- Community readiness
- Flood prediction and warning
- Local flood plans
- Evacuation arrangements
- Recovery plans

Property Modification Measures

- Land-use planning
- Zoning
- Building and development controls
- Voluntary purchase
- Voluntary house raising
- Flood-proofing buildings
- Flood access

Get Involved

Council is currently undertaking the Data Collection and Review stage. Council's consultant WMS Engineering will gather and review all available information and past reports, review modelling tools, and seek input from the community about potential flood risk mitigation options to investigate in Stage 2.



How is community knowledge used in the Flood Risk Management Study and Plan?

The community drop-in session and questionnaire provide an opportunity to share your experience of flooding and overland flow in Tocumwal and Barooga, highlight problem areas you are aware of, and suggest ways to reduce flood risk in these towns. Consultants will investigate suggestions received by the community, and provide recommendations for Council to implement in the future.

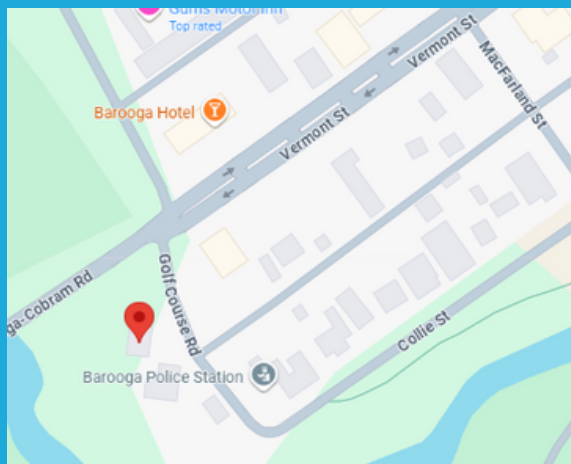
Community Information Drop-In Sessions

Wednesday 17 Sep 2025

3:00 pm- 5:00 pm

Barooga Library

4 Golf Course Road, Barooga

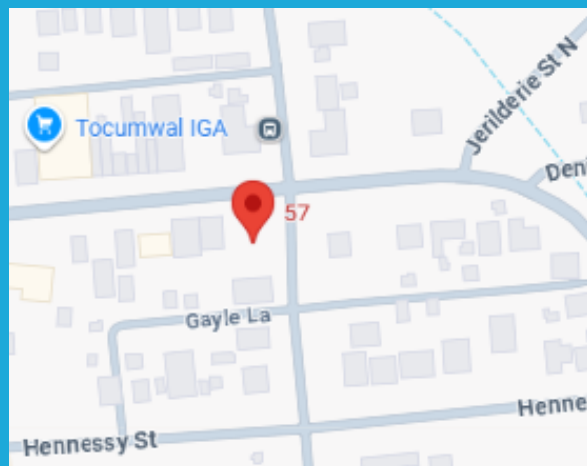


Thursday 18 Sep 2025

3:00 pm- 5:00 pm

Tocumwal Library

57 Deniliquin Street, Tocumwal



Scan the QR code and fill in the questionnaire!

For more information contact Berrigan Shire or WMS Engineering.



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WMS

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