Brisbane River Catchment Flood Studies

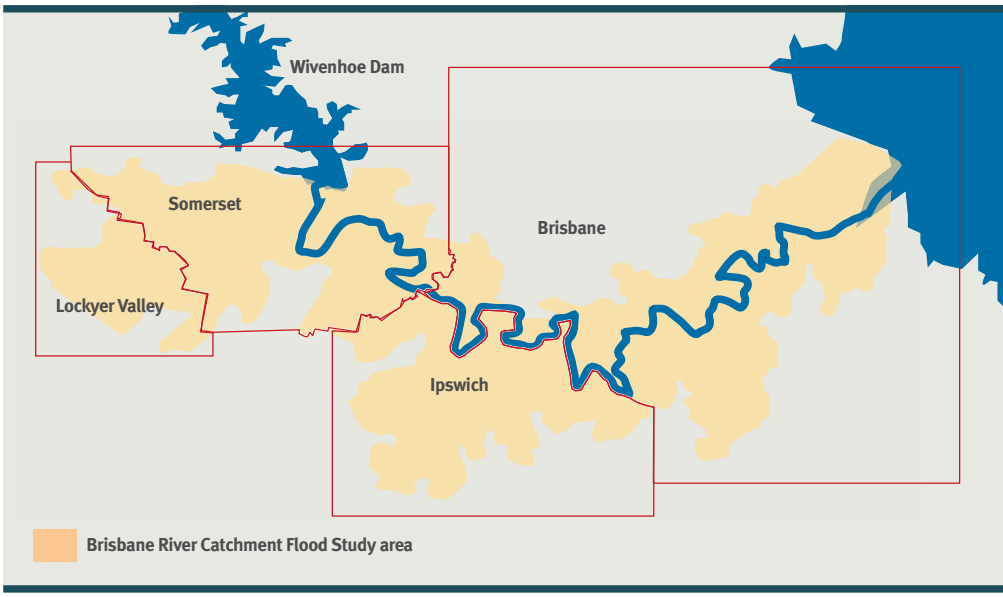
Strategic Floodplain Management Plan

Following the 2011 floods, a Commission of Inquiry recommended that a comprehensive Brisbane River Catchment Flood Study be completed and floodplain management plans be developed.

About the flood studies

The Queensland Government is partnering with Brisbane City Council, Ipswich City Council, Somerset Regional Council, Lockyer Valley Regional Council and Seqwater to deliver the Brisbane River Catchment Flood Studies.

The Brisbane River Catchment Flood Study was completed in early 2017 and is the most comprehensive study of its kind ever undertaken in Australia. Information from the study is being used to develop a Strategic Floodplain Management Plan. This Plan will set out an efficient and coordinated flood management approach across the floodplain downstream from Wivenhoe Dam.



Brisbane River floodplain

The Queensland Government and local councils are working on a long-term plan to manage the impact of future floods and improve community safety and resilience.

The Brisbane River Strategic Floodplain Management Plan is Queensland's first regional scale floodplain management plan and will guide the delivery of local floodplain management plans.

The purpose of the Brisbane River Strategic Floodplain Management Plan is to develop a consistent and coordinated approach to manage flood risk across the four local governments located within the floodplain.

The first step of the plan involves assessing current and future flood risk. The full range of regional scale flood risk management measures will then be considered for land use planning, building controls and structural mitigation. The plan will also assess current flood management activities and community resilience levels to inform a coordinated approach to disaster management and community responsiveness to floods across the Brisbane River floodplain.

Dedicated to a better Brisbane

City of Ipswich

Lockyer Valley Regional Council

Somerset Regional Council

Queensland Government

The Strategic Floodplain Management Plan

Understanding current and future flood risk

Using the outputs of the Brisbane River Catchment Flood Study, current conditions such as development types and the extent and population of urban and rural areas Printcraft print jobswill be analysed to understand how communities may be affected by different floods.

Future flood risk will be assessed by looking at possible changes to the floodplain over time, such as increased urban development. Future changes have the potential to impact flood behaviour throughout the floodplain, as well as increasing the number of properties at risk in certain flood events. This information is critical when planning future flood risk management strategies.

Structural mitigation options

A range of structural mitigation options will be identified for their potential to modify flood behaviour on a regional scale. The structural options will be assessed through a detailed multi-criteria assessment, which includes a range of considerations including reduction in hazardous flooding, damage reductions, cost effectiveness and environmental and social impacts.

Disaster management

A regional scale disaster management strategy will be developed that will inform a more coordinated approach to how we plan for, manage and recover from regional scale flood events.

Land use planning

A regional land use planning framework will be developed to support a more consistent and coordinated risk-based planning approach across the floodplain. The regional framework will consider options to manage development across the floodplain to appropriately respond to flood risk.

Community awareness and resilience

Strategies will be developed that can be applied consistently across the floodplain to increase community awareness and responsiveness to flood risk. The plan will consider current community attitudes and behaviours so that strategies can be developed to help communities better prepare for and respond to future flood events.

Integrated catchment management

An integrated catchment management approach will be applied to ensure opportunities to capture wider catchment benefits are considered, such as large scale landscape restoration and water quality.

Building controls

Guidance materials will be developed to improve the flood resilience of new and upgraded buildings in times of flood.

This work aims to reduce flood impacts such as building damage and the associated costs.

More information

Visit **www.qldra.org.au/BRCFS** for more information about the Brisbane River Catchment

Visit **www.getready.qld.gov.au** for information on preparing for a flood

Contact your local council for flood risk information specific to your property