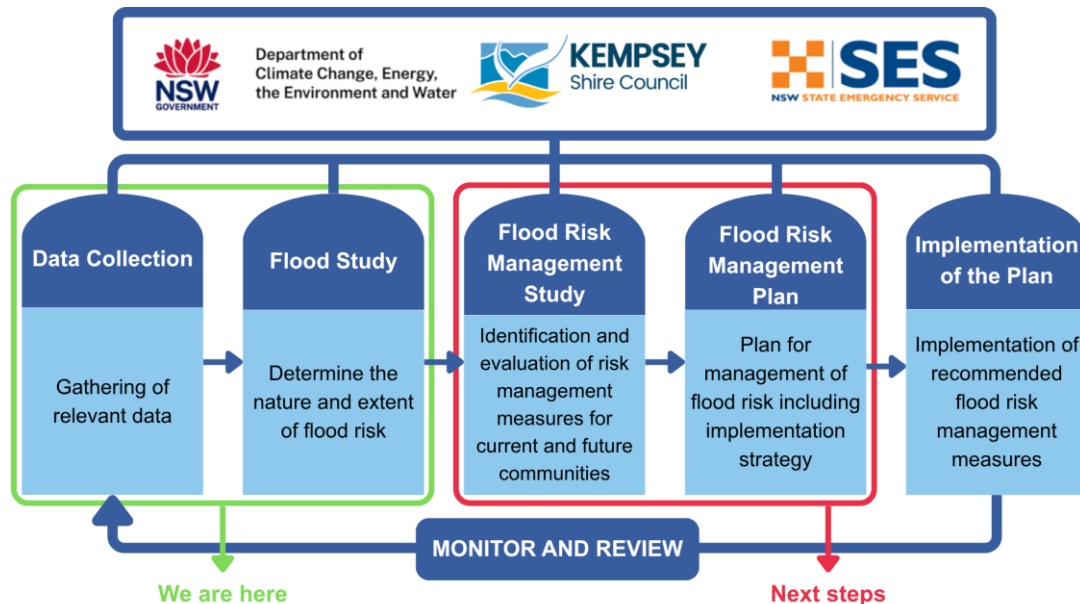


Upper Macleay River Flood Study

Flood Risk Management Process



What are the aims of this study?

To assist Council and the community in managing flood risk to life and property during times of flooding.

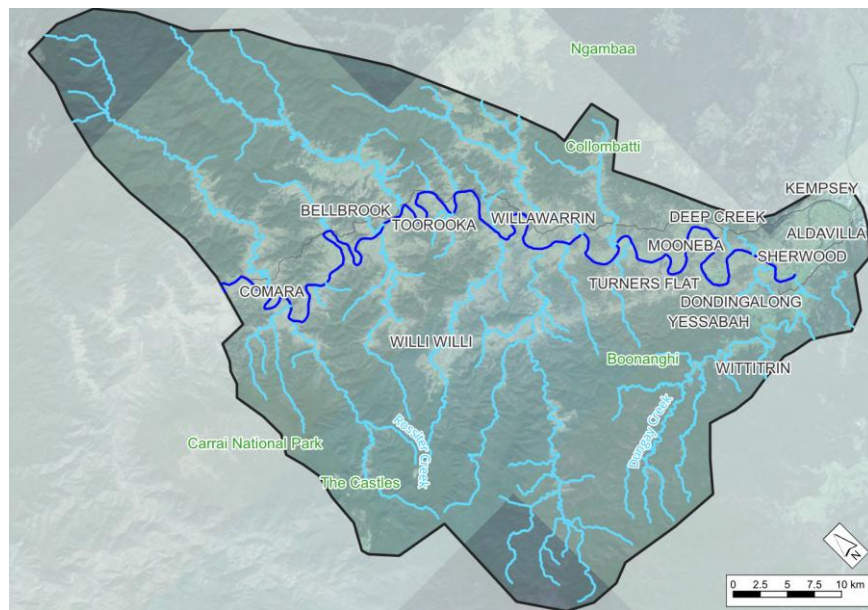
To define mainstream flood behaviour under historical and existing floodplain conditions, while also addressing possible future variation in flood behaviour due to climate change.

To provide information on the causes of flooding and how it affects areas within the upper reaches of the Macleay River catchment.

To provide a firm basis for the development of a subsequent Floodplain Risk Management Study and Plan (FRMS&P) to allow investigation of possible mitigation strategies to reduce flood damage and risk.

To develop a series of mapping describing flood behaviour.

Upper Macleay River Study Area



Major Watercourses

Macleay River

Mackenzies Creek

Mungay River

Nulla Nulla Creek

Dungay Creek

Pee Dee Creek

Hickeys Creek

Five Day Creek

Warbro Brook Creek

Stockyard Creek

The main land use in the study area is rural agriculture, with small urban centres located at Willawarrin and Bellbrook on the banks of the Macleay River.

The Macleay River has experienced major flooding in 1949, 1950, 1963, 2001, 2011 and 2013.

Flooding occurs when land is inundated with water. Flood risk is a product of the severity of the flood threat (including its magnitude and likelihood) and the extent of human development in the area.