

## Vegetation management

Native vegetation and large wood, also known as snags, that can be found in and around waterways play an important role in influencing the health of waterways and wetlands in the north central region.

Landholders are sometimes concerned about the potential for flooding which may be caused by in-stream wood and vegetation in and around a waterway.



In **rural** areas, if a landholder is concerned about vegetation they can contact the CMA about obtaining a Works on Waterways Permit.

The works, if approved are to be undertaken by the landholder and not the CMA.

If a waterway needs to be maintained within an **urban** area to prevent flooding, then it is generally the responsibility of local government.

North Central CMA's role is not to undertake works, it is to provide approvals through our Works on Waterway process.

## Levee maintenance permits

Landholders can apply to the CMA for a permit to access and maintain existing levees on Crown Land to actively reduce flood risk to their property by undertaking levee maintenance before a flood occurs.

Maintenance includes fixing erosion, dealing with rabbit burrows, and removing vegetation. It does not include changing the levee's original location, height and width, building a new levee, or removing an existing one, as this could impact on the effectiveness of other levees in the area.

**Please contact the Floodplain Team for advice about new or existing levees.**

## Further information

Find out more about how you can obtain flood advice or any of the permits here:



Email [floodplain@nccma.vic.gov.au](mailto:floodplain@nccma.vic.gov.au)  
or call 03 5440 1896.

## Emergency contacts

### Police Fire or Ambulance

For life threatening emergency call **000**

### Victoria State Emergency Service

For emergency assistance call **132 500**



[www.nccma.vic.gov.au](http://www.nccma.vic.gov.au)



# Waterways and Floodplains





# Floodplain management for resilient communities and healthy waterways

The North Central CMA region covers about three million hectares or 13 per cent of Victoria and has four major river catchments: the Campaspe, Loddon, Avoca and Avon-Richardson.

More than 780,000 hectares, or 26 per cent, of the rural and urban land across the region, under both public and private ownership, is subject to inundation by a 1% annual exceedance probability flood (i.e. a flood that has a 1% chance of occurring, or being exceeded, in any one year).

## Flood and development advice

Are you at risk of flooding? It is important that all residents are aware of their flood risk.

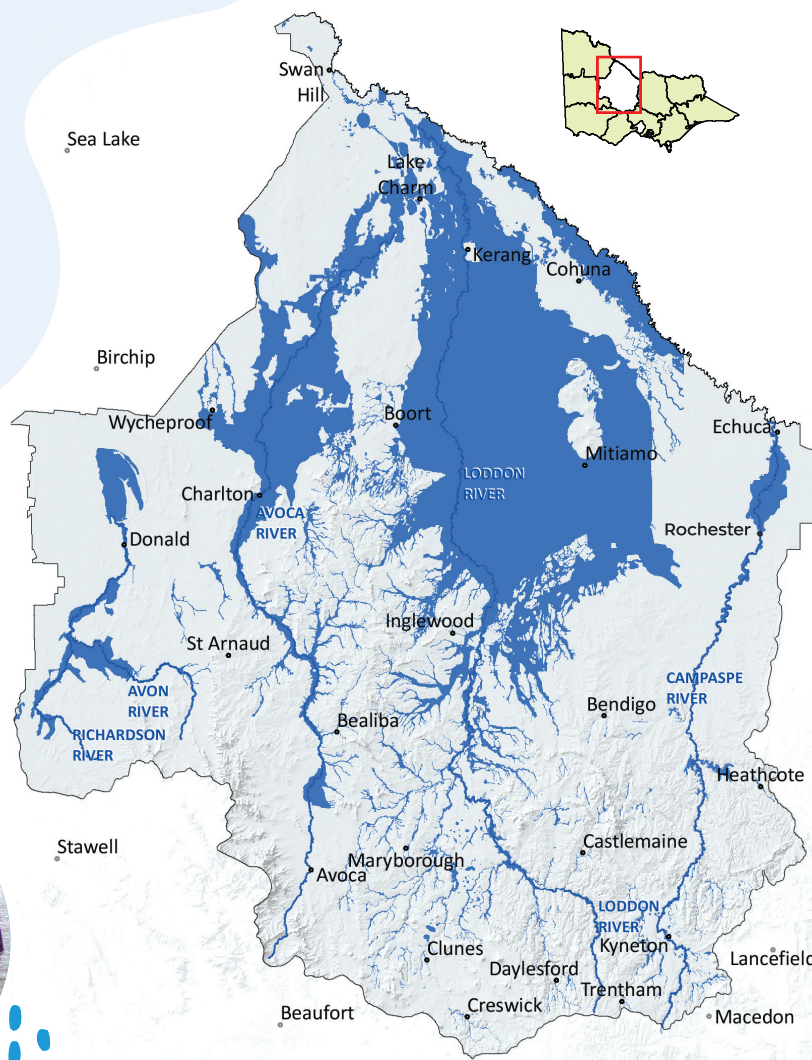
You can obtain flood information and development advice free of charge from North Central CMA.

Flood information helps landowners, potential purchasers, and developers to understand the risks associated with a particular parcel of land.



### How?

Download a flood report from Flood Eye. Or contact the Floodplain Team directly.



Estimated Flood Extent January 2011

■ Estimated Flood Extent January 2011  
□ North Central CMA Region



## Works on waterways

Works and activities in, under, on, or over the bed and banks of designated waterways in the region require a Works on Waterways Permit. To protect our waterways, it's important new activities or works undertaken do not adversely affect the health of those waterways.

Obtaining a permit also helps ensure your proposed works are designed appropriately e.g. a poorly designed crossing may wash out or not be safe in a flood event.

As a landowner or manager, it's your responsibility to get advice and permits to undertake work on a designated waterway. A Works on Waterways Permit is free.

### Works and/or activities requiring a permit may include:

- Access crossings including bridges, culverts, and fords
- Services/utility crossings including water, electricity, and sewer pipelines
- Stormwater outlets
- Stabilisation works
- Vegetation and debris removal, such as willows
- Sand and gravel extraction
- Waterway rehabilitation works, such as replacing large wood