

Regional Natural Resource Management Climate Change Adaptation Victorian Priorities

In a Victorian first, the Catchment Management Authorities (CMAs), funded through the Australian Government, have undertaken regional climate change adaptation planning.

The aim of this work is to identify priority landscapes and natural resource management actions for climate change adaptation and mitigation.

The Work

- supports implementation of Regional Catchment Strategies through the development of sub-strategies and plans; and
- identifies key priorities/actions for implementation within in the regions.

The CMAs have a clear direction for climate change adaptation in the NRM sector based on rigorous processes, the best available information, a review of all strategies and plans, and community input. A list of state-wide adaptation priorities has been developed as result of this work.

The CMAs believe the collaborative effort to identify and develop this set of state-wide priorities supports the Victorian Government's vision to become a leader in climate change.

Key Priorities

Local Climate Change Adaptation Planning

Collaborative local planning that embeds current climate change knowledge leading to informed on-ground actions. This may include:

- Adaptation Pathways planning
- social-ecological system planning
- planning for transformation
- supporting adaptive management
- spatial mapping refinement
- collaboration with local government planning and floodplain management.

Landscape Connectivity

Addressing key climate change impacts and pressures to vulnerable land, biodiversity and water assets in priority areas identified in Climate Change Adaptation Plans. This may include:

- biolinks
- protection of drought refugia
- reducing key pressures on the condition of natural resources that are projected to be impacted under climate change.

Shared Learning

Supporting the exchange of information and new knowledge needed to build the capacity of regional land managers to implement on-ground actions.

Supporting Emissions Reduction Fund Opportunities

Providing information to identify co-benefit opportunities for a carbonbased mechanism within regions.

Building Soil Resilience

Supporting management practices that:

- promote improved productivity and soil carbon
- conserve soil that is vulnerable to extreme weather events
- reinstate perennial vegetation on vulnerable soils
- build understanding of soil management under climate change.

Aboriginal Cultural Heritage

Protecting cultural sites vulnerable to the impacts of climate change and supporting and facilitating the use of traditional knowledge.

"Blue Carbon"

Planning to protect and increase sequestration in carbon-rich "Blue Carbon" coastal and freshwater systems. This may include;

- protection and restoration of the Victorian shoreline including mangrove, seagrass and salt marshes
- protection and restoration of Victoria's varied freshwater wetland systems.

Research Activities

Improving knowledge of best value adaptation and mitigation actions to guide planning and facilitate adaptive management. This will build on partnerships already developed through this work with organisations such as CSIRO, Deakin University and RMIT.

**For more information please contact
Kate Brunt at the Goulburn Broken
CMA on 0457 832 643.**

