



Exploring Climate Resilience

The effects of climate change are observable in Alberta today, and we can predict the impacts our communities will face in the future.

This is why it is essential that we take a **proactive** approach and begin **adapting today**, rather than waiting to respond tomorrow.

Adaptive planning will look different for each community, but some strategies may involve:

- Improving emergency management
- Adapting agriculture for a warmer climate
- Upgrading flood control infrastructure
- Creating cooling centres for vulnerable populations during heat waves



CLIMATE RESILIENCE IS...

A community's ability to withstand and recover from the negative effects of climate change. A resilient community is **adaptive** and has a greater capacity to 'bounce back' following a climate change-related weather event.



CLIMATE VULNERABILITY IS...

The degree to which a community is susceptible to and unable to cope with the adverse effects of climate change. Two aspects determine a community's climate vulnerability:

1. **External risks**, such as severe flooding or long-term droughts
2. **Internal factors**, or the community's ability to handle these projected risks—their **resilience**



ADAPTING FOR RESILIENCE

External risks may be inevitable, but we can better prepare ourselves for them internally through **adaptive planning**.



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