

# Resilience

The Calgary Plan guides how the city manages risks, such as heat, fire and floods, and guides resilient housing, development, mobility and public amenities. It also supports reliable systems for utilities, waste and emergency response to protect public health and support growth.

## What did we hear from Calgarians?

Concern about climate change.

Focus more on managing natural systems in the context of climate change.

Fear of impacts from wildfires.

Importance of sustainable materials, stormwater designs and management that reduce flooding and excessive heat.

Support for a range of transportation options.

## What does the Calgary Plan say?

- Natural and other hazard risk modelling, planning and mitigation.
- Resilient buildings and engineered/green infrastructure in flood hazard areas.
- Resilient housing, communities, civic facilities, parks, natural areas, public recreation and water/sewer services.
- Reduced wildfire risk through vegetation management.
- Efficient waste management.
- Safe and reliable energy systems.
- Municipal facilities should be accessible, adaptable and serve multiple community purposes.
- Safe and functional emergency and operations facilities.

## What is consistent with the current MDP?

- River flood area regulation prioritizes public safety and property protection.
- Flood hazard area direction based on the provincial flood maps.
- Development is directed away from hazard prone areas.
- Emergency preparedness and access.
- Climate mitigation and adaptation direction for community, development and infrastructure design.

## What has changed?

### Wildfire mitigation

Investigate and implement forest management practices that mitigate wildfire risk and support ecosystem and habitat health.

### Why?

Protecting the things people love about Calgary

### Plan reference

3.1.3 Land

### Updated floodplain management

Manage development in flood hazard areas to keep people safe, protect property and support nature. Use maps, rules, and planning to make new buildings and infrastructure prepared for flooding.

Protecting the things people love about Calgary

2.3.7 Flood hazard areas

### Reduce risks

Use drought-tolerant landscaping and protect reservoirs for drinking water supply. Development near airports and freight rail corridors must assess potential hazards and incorporate appropriate mitigation measures.

Protecting the things people love about Calgary

2.3.2 Site design  
2.3.6 Natural and other hazards  
3.1 Natural systems  
5.1.5 Municipal Government Act requirements



### Connections to the Zoning Bylaw

The new Zoning Bylaw will be a tool to help implement the Calgary Plan's guidance on resilience, including regulations for flood hazard areas. Integrated civic facilities make better use of city-owned land and resources (like combining a recreation centre and library or co-locating housing with a fire station), providing safe and comfortable shared spaces in communities.

Related Council priorities:

**Safe city**



Check out the draft Calgary Plan | [calgary.ca/citybuilding](http://calgary.ca/citybuilding)