



Alberta Emergency Management Agency

Emergency Management in Alberta

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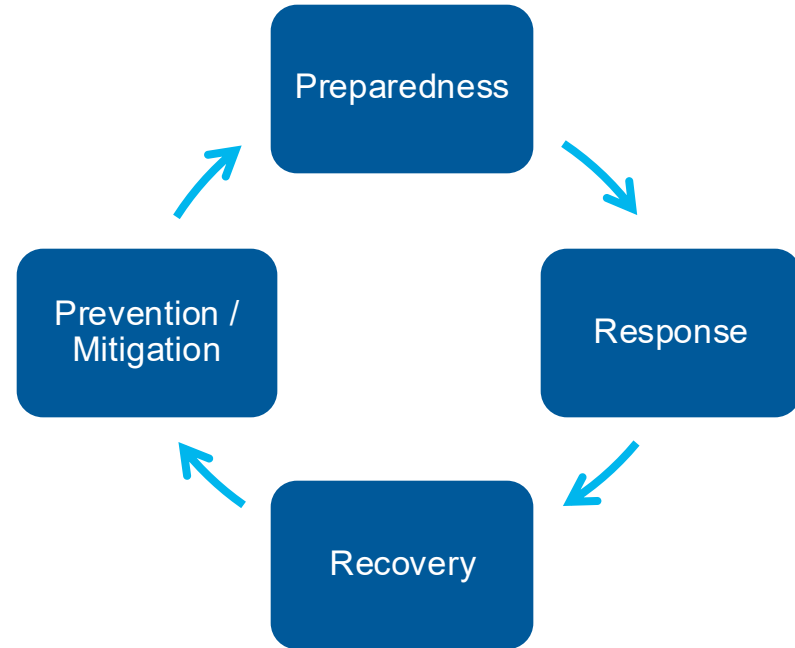
October 21, 2026

Agenda

1. What is Emergency Management
2. Alberta's Emergency Management System
3. Programming from the Alberta Emergency Management Agency

What is Emergency Management

- **Emergency management is the coordinated management of activities and measures undertaken to prevent or mitigate emergencies, prepare for them, respond when they occur, and recover afterward, with the objective of protecting people, property, communities and societal resilience.**



Legislative Framework

Emergency Management Act

- Local Authority Emergency Management Regulation
 - Alberta Emergency Plan
- Disaster Recovery Regulation
 - Alberta Disaster Assistance Directives
- Government Emergency Management Regulation

Emergency 911 Act

- Emergency 911 Levy Regulation
- Emergency 911 Grants Regulation

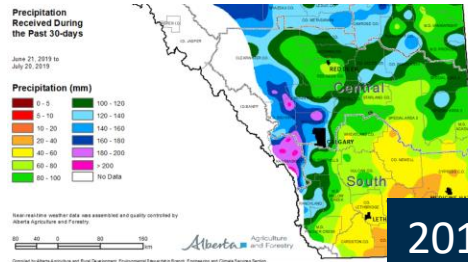
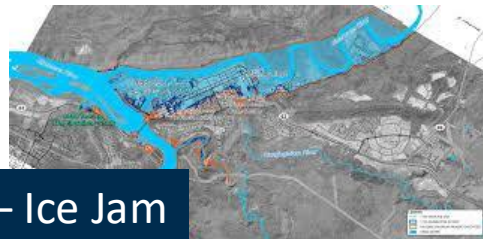
A Few Disasters...



2011 - Wildfire



2020 – Ice Jam



Disaster history in Alberta

A timeline of Alberta's largest disasters over the past 20 years



2003

Southwestern Alberta wildfires
50,000 evacuees
Hundreds of homes damaged



2004

Enoch First Nation sour gas leak & fire
800 evacuees



2005

Southern Alberta storms/flooding
7,000 evacuees
40,000 homes damaged



2006

Nordegg wildfires
200 evacuees



2008

Newbrook grass fires
150 evacuees



2009

H1N1 outbreak
1,278 infections
71 fatalities



2016

Fort McMurray wildfire
90,000 evacuees
2 fatalities



2015

Wabasca Calling Lake fires
5,000 evacuees



2014

Central Alberta storms
9,000 people without power
Thousands of homes damaged



2013

Southern Alberta floods
5 fatalities
100,000 evacuees
Lodgepole fires
200 evacuees



2012

Mackenzie County wildfires
300 evacuees
Lethbridge/Coalhurst grass fire
3,000 evacuees



2011

Slave Lake wildfire
1 fatality
7,000 evacuees



2010

Southern Alberta hailstorms/flooding
800 evacuees



2017

Provincial wind events
Kenow wildfires
500 evacuees



2018

Alberta spring flood
40 homes damaged
175 evacuees



2019

2019 NW AB wildfires
18,000 evacuees
16 homes destroyed



2020

Fort McMurray flood
15,000 evacuees
Calgary hailstorm
70,000 homes damaged
Covid-19 Pandemic
~95,000 total cases
1,215 fatalities



2021

Calgary Hailstorm and flooding
200 fire department calls
Thousands of homes damaged
Summer storms
Thousands of homes damaged
Covid-19 Pandemic
263,000 total cases
2,104 fatalities



2022

Northwest Alberta flooding
1,000 evacuated
Dozens of homes damaged
Jasper Chetamon wildfire
>6,000 people lost power (Town of Jasper)
Covid-19 Pandemic
242,000 total cases
2,095 fatalities



2023

2023 Alberta wildfires
>38,000 evacuees
>275 structures damaged
June flooding
>60 homes damaged

Facts and figures shown are derived from a variety of sources, including Post Incident Assessments created by the Government of Alberta, news articles, and other research.

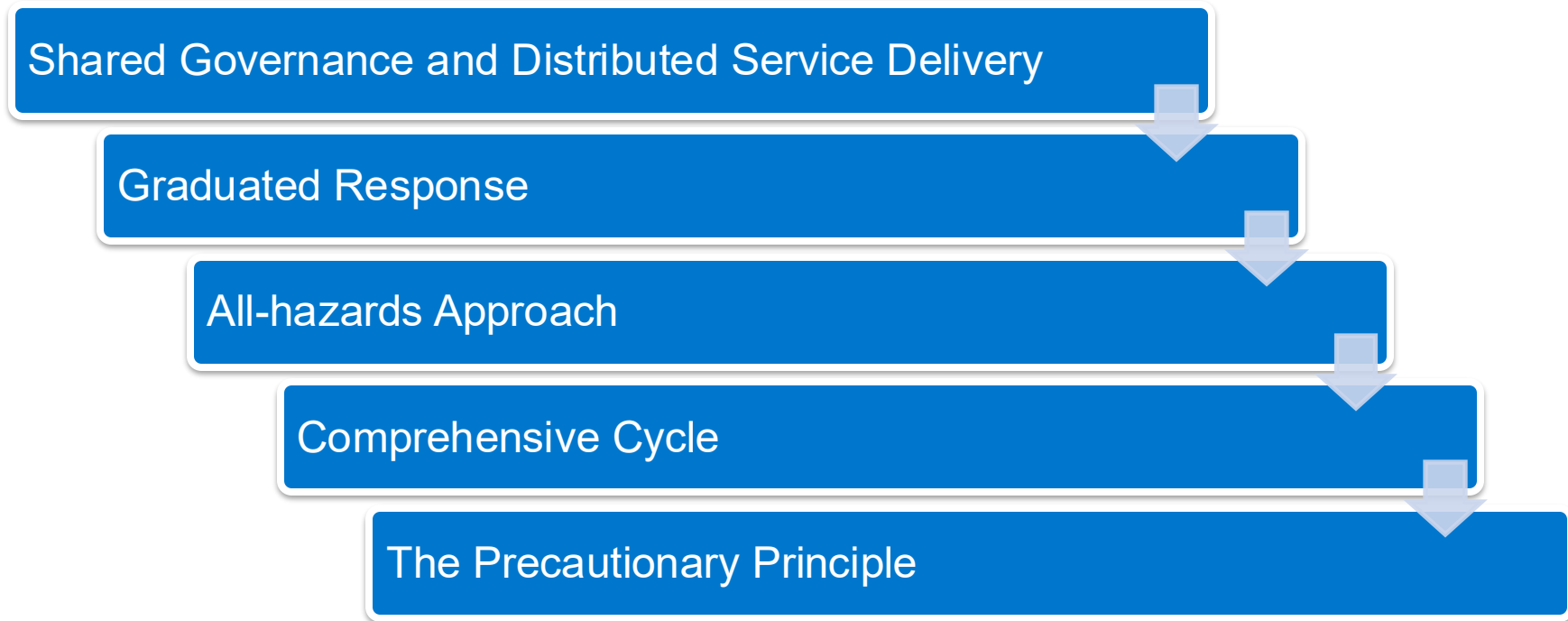
Source for COVID numbers: AHS archive: albertahealthservices.ca/acmv/Page17296.aspx

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Alberta

Alberta's Emergency Management System

Shared Governance and Distributed Service Delivery



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graph TD; A[Shared Governance and Distributed Service Delivery] --> B[Graduated Response]; B --> C[All-hazards Approach]; C --> D[Comprehensive Cycle]; D --> E[The Precautionary Principle];
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Graduated Response

All-hazards Approach

Comprehensive Cycle

The Precautionary Principle

Emergency Management Roles



Lead

Responsible for a specific hazard

Depending on the hazard, it is possible to have multiple lead organizations



Coordinating

Coordinates the efforts of lead and supporting organizations

Coordinates with other orders of government and emergency management partners

Formally assigned through legislation, regulation, policy, or an emergency plan



Supporting

Organizations involved in a hazard/disaster that are neither lead nor coordinating organization

Provide general or specialized assistance to the lead organization.

Alberta Emergency Management Agency

- Overarching mandate from the Government Emergency Management Regulation, AEMA shall “be the co-ordinating agency for, and provide strategic policy direction and leadership to the Government and its emergency management partners”

AEMA Programs and Supports

Regional Field
Officers

First Nation
Field Officers

Emergency
Social Services
Officers

Recovery
Coordinators

Wildland Urban
Interface
Officers

Industry
Liaison Officers

AEMA Programs and Supports

EM Policy and Legislation

Be Prepared Program

Hazard Identification and Risk Assessment

911 Program

Emergency Management Preparedness Program

Incident Command System and EM training courses

AEMA Programs and Supports

Alberta First
Responder Radio
Communications
System

Alberta Emergency
Alert

All Hazards Incident
Management Teams

Provincial Watch
Station/Provincial
Emergency
Coordination Centre

AEMA Programs and Supports



Hazard Assistance and
Resilience Program



Provincial Flood Stockpile



Personal Protective Equipment
Strategic Stockpile

Thank-you

