



# From Flood Risk to Resilience: a B.C. Flood Strategy to 2035

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Stewardship

UBCM's  
B.C.'s Climate Hazard Forecast  
Seasonal Projections, Planning & Emergency  
Preparedness for 2024

# What is the B.C. Flood Strategy?

## From Flood Risk to Resilience: a B.C. Flood Strategy to 2035

From Flood Risk to Resilience: a Roadmap to 2035  
*Vision, Outcomes & Principles*

**4 Pathways** based on Sendai Framework

1. Understanding risk
2. Governance
3. Preparedness, response & recovery
4. Investments

**25 Actions** phased out to 2035, starting with priority actions (initiated as resourcing allows)

- Floodplain mapping, risk assessments
- Emergency & Disaster Management Act implementation
- Legislation, regulations, policy guidance
- Shifts in financing and investment

# Vision

*Together, we are leaders in innovative, holistic flood risk management, enhancing B.C.'s flood resilience for the 21<sup>st</sup> century.*





# Pathways and Actions



## Collaborative

Map out engagement and co-drafting based on UNDRIP and Truth & Rec. Call to Action

01

## Sharing the Pen

Direct connections with Rights and Title holders while sharing the pen on the strategy

02

## Reflect Cultural Values

Take a holistic perspective (e.g., housing, fish, climate change, drought)

03

## Connect with Rights & Title Holders

Make space for direct connections with Rights and Title holders

04

## Make Linkages

Ensure engagement considers cumulative effects of climate change

05

## Place-Based

Plan engagement around G2G tables and place-based (e.g., hold workshops by water basin)

06

## Continue Working Together

Continue with implementation planning after release of the draft strategy

07

# Engagement Values

# Pathway 1: Understanding Flood Risk



Action 1.1: Develop a provincially coordinated floodplain mapping program

Action 1.2: Conduct a province-wide flood risk assessment

Action 1.3: Raise awareness of flood risks with a human-centered approach

Action 1.4: Build capacity and support for applied research and enhanced training

## Pathway 2: Strengthening Flood Risk Governance



- Action 2.1: Set a new direction for B.C.'s flood governance model
- Action 2.2: Establish a First Nations Flood Resilience Advisory Circle
- Action 2.3: Establish a Minister's Flood Resilience Advisory Circle
- Action 2.4: Promote integrated flood management planning
- Action 2.5: Build cross-jurisdictional and international collaboration for flood resilience

## Pathway 2: Strengthening Flood Risk Governance



Action 2.6: Update provincial legislation, regulations, and policies

Action 2.7: Update provincial technical guidance

Action 2.8: Strengthen dike regulatory programs

Action 2.9: Develop a provincially coordinated approach to orphan dikes

Action 2.10: Enhance forestry practices to mitigate flood risk



## Pathway 3: Enhancing Flood Preparedness, Response, and Recovery



Action 3.1: Enhance flood forecasting capabilities and early warning systems

Action 3.2: Enhance flood preparedness by updating and exercising the Provincial Flood Emergency Response Plan

Action 3.3: Enhance flood emergency response activities

Action 3.4: Enhance pre- and post-disaster flood recovery planning

## Pathway 4: Investing for Flood Resilience



Action 4.1: Develop predictable funding programs

Action 4.2: Enhance flood avoidance investments

Action 4.3: Enhance flood accommodation investments

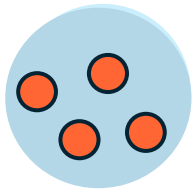
Action 4.4: Enhance flood protection investments

Action 4.5: Enhance community-led managed retreat investments

Action 4.6: Address First Nations loss of land

Action 4.7: Coordinate investments for floodplain management

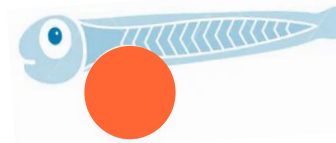
# Proposed next 5 years & beyond



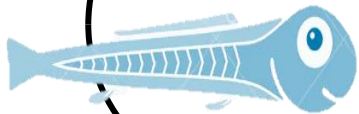
**Release Strategy and begin implementation planning**



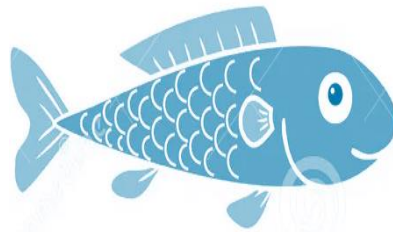
**Flood hazard maps; update guidance & policy; support regional flood planning**



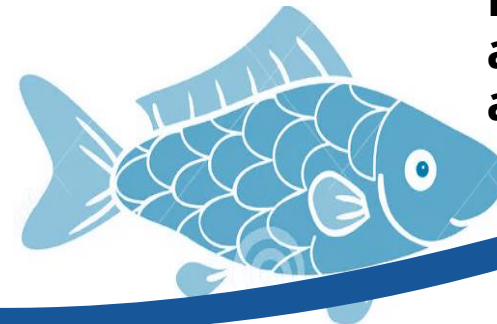
**Governance; advisory circles; regional flood risk assessments**



**BC Flood Resilience Plan**



**Update legislation and policy; Build flood hubs capacity**



**Review Strategy and update actions**

# Thank You

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Integrated Flood Hazard Management



BRITISH  
COLUMBIA