

UBCM Community Excellence Awards Application

May 12, 2022

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Purpose

To request Regional Board support for a UBCM –
Community Excellence Awards Application

Background

- UBCM Community Excellence Awards
- Open to UBCM members, including local government and First Nation members
- Four different categories, including:
 - Excellence in Governance
 - Excellence in Service Delivery
 - Excellence in Asset Management
 - Excellence in Sustainability

Background

- **Excellence in Sustainability:**
 - Projects/programs that incorporate a long-term sustainability lens by considering cultural, social, economic and environmental issues in planning, policy and practice
- **Regional Floodplain Management Plan (Phase 3) Flood Mitigation Planning**
 - Supported by Strategic Priorities & Regional Growth Strategy

Background

November 4, 2021

Flood Mitigation Strategy presented to Regional Board

March 2, 2022

UBCM call for awards applications

→ May 12, 2022

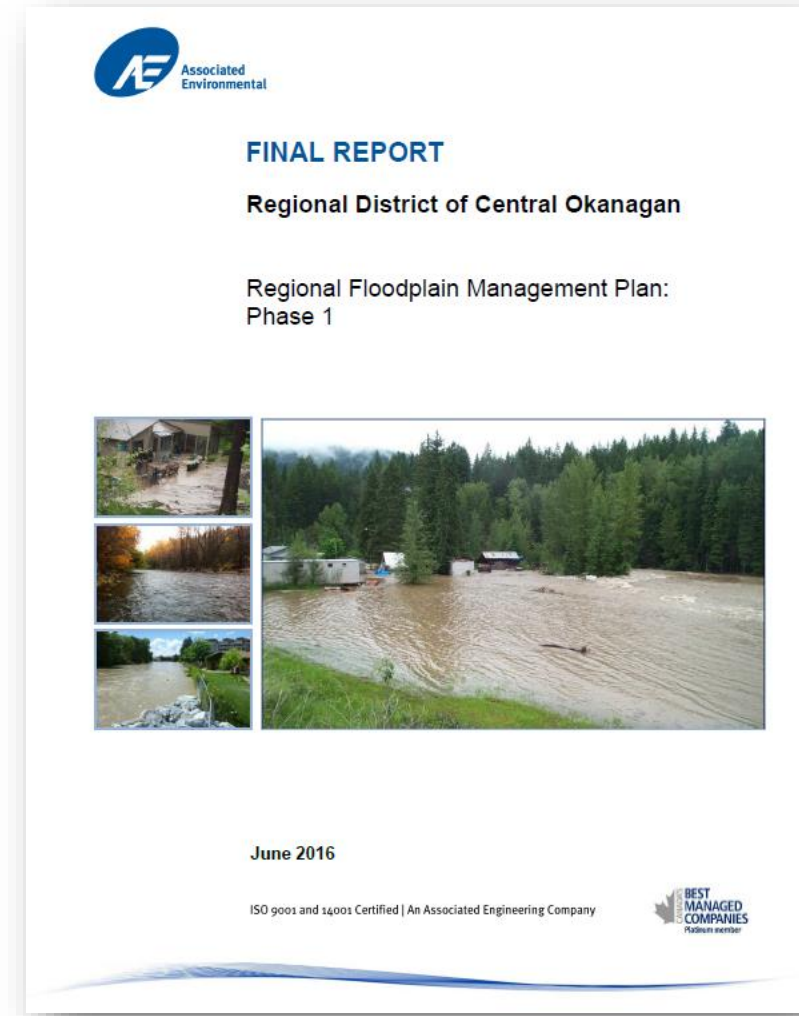
Regional Board Meeting

May 20, 2022

UBCM application submission deadline

Regional Floodplain Management Plan Phase 1

- Region-wide high-level risk assessment and gap analysis
- Established the scope and priorities for Phase 2 & 3

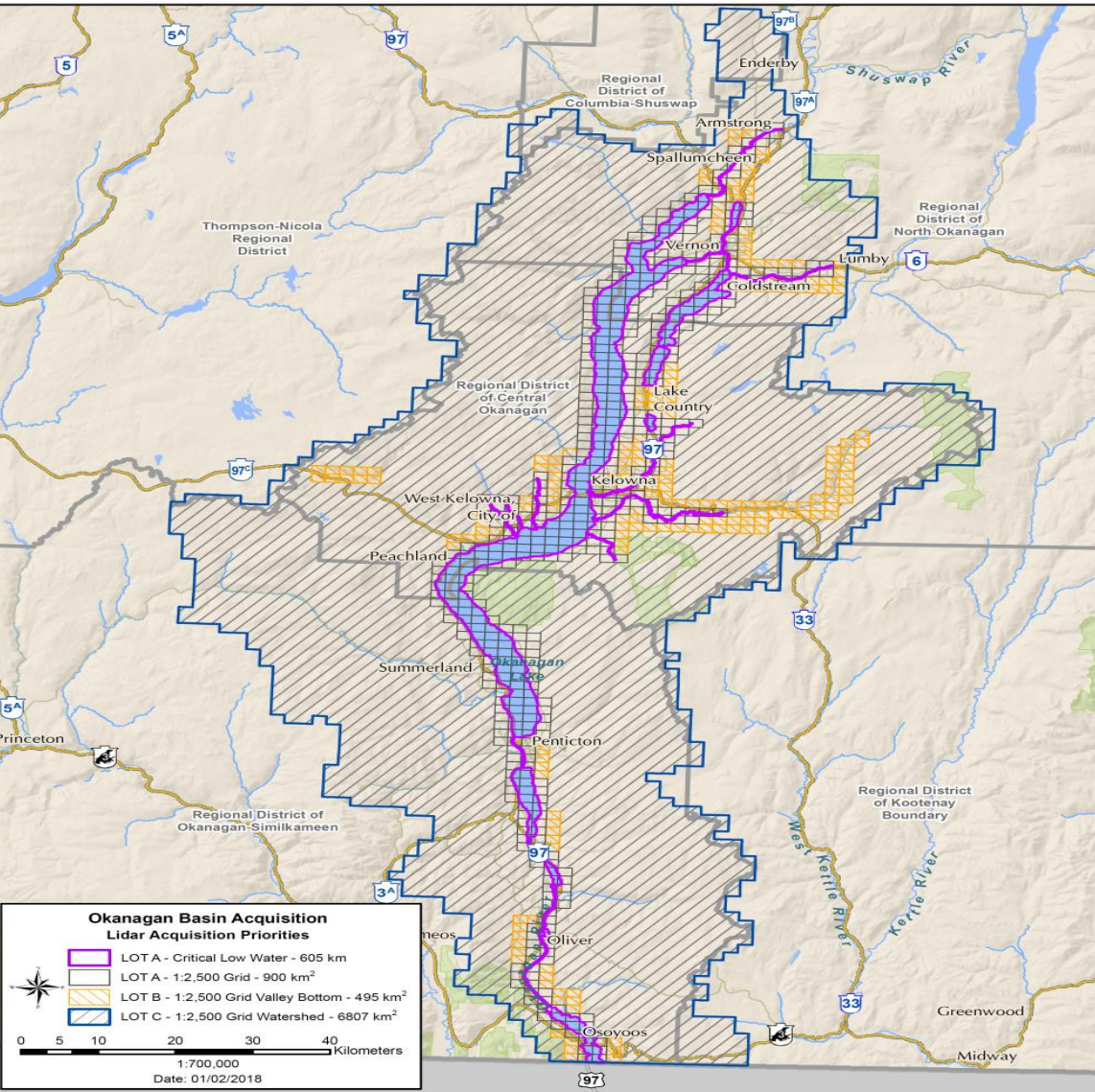


Recommended Actions for Phase 2:

- Mission Creek Floodplain Mapping Update – *completed*
- Mission Creek Dike Breach Analysis – *completed*
- Mill Creek Floodplain Mapping – *completed*
- Confirm floodplains and alluvial fans within urban or residential developments
 - Lake Country (Vernon Creek) - completed
 - Peachland (Peachland & Trepanier Creeks) - completed
 - Kelowna (Bellevue Creek) - in process
 - West Kelowna (Powers and McDougall Creeks) – in process
- Okanagan Lake Flood Risk Mapping (OBWB) – *in process*



Okanagan, Wood, Kalamalka & Ellison Lakes Flood Level Mapping

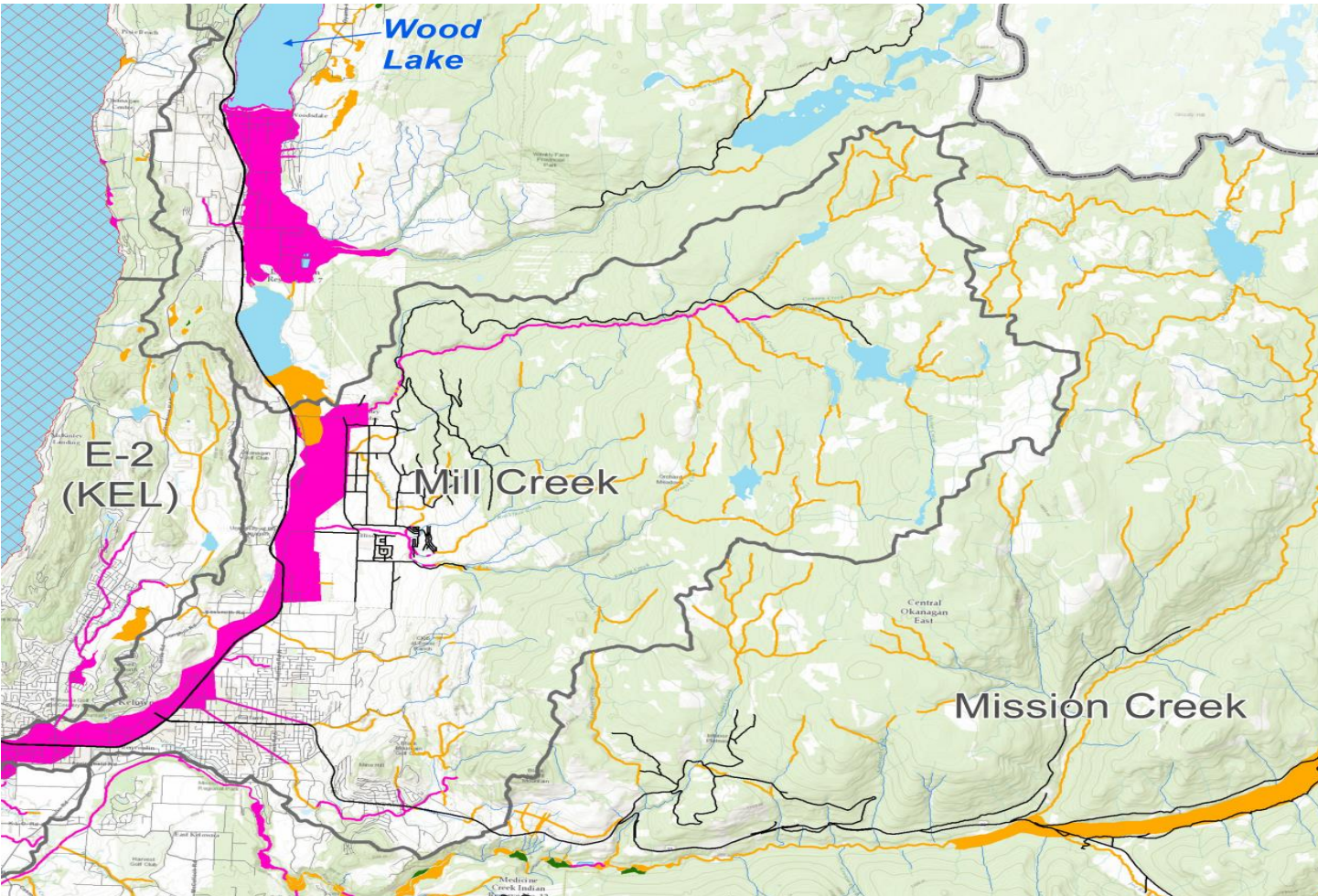


- Finalized:
 - OBWB & GeoBC LiDAR project
 - Funding from EMBC
 - RDCO, RDOS, RDNO & OBWB flood mapping collaboration
 - Funding from NDMP & UBCM
- Outcome: Flood modelling and digital mapping



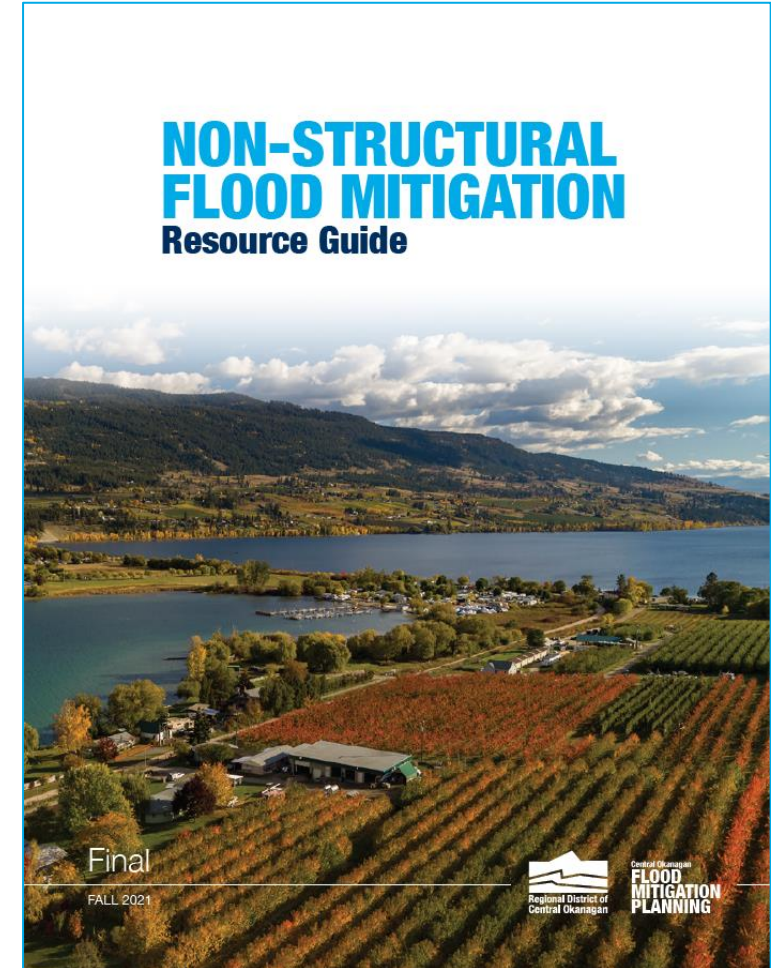
Dam Failure Inundation Mapping

- **Beaver (Swalwell) & Crooked Lakes:**
 - Completed in cooperation with the District of Lake Country in 2018
- **Ideal (Belgo) Lake:**
 - Completed in cooperation with the Black Mountain Irrigation District in 2018



Regional Floodplain Management Plan Phase 3

- \$150,000 UBCM grant funding awarded
- Initiated January 2021
- Completed November 2021



Project Deliverables

- 1) Engagement Framework & Summary of Engagement Activities
- 2) Non-structural Flood Mitigation Planning “Resource Guide”
- 3) Non-structural Flood Mitigation Planning “Technical Report”
- 4) Presentations to member municipalities and the Regional Board

Desired Outcomes of the Floodplain Management Plan:

- Reduce flood risk
- Improve emergency response
- Increase resiliency to climate change



Demonstrating Excellence

- Proactive and regional approach
 - Strengthening knowledge sharing and consistency
- Leadership and collaboration
 - Bringing together partners
- Long-term sustainability approach
 - Considering the cultural, social, economic, and environmental impacts associated with flood hazards and risks

Recommendation:

- **THAT** the Regional Board approves submitting an application under the Union of BC Municipalities – 2022 Community Excellence Awards under the category of Excellence in Sustainability for the Regional Floodplain Management Plan – Phase 3 Flood Mitigation Planning project

An aerial photograph of a residential area on a lake shore. The houses are clustered together, with some greenery and trees. A large dam structure is visible in the water, extending from the shore. The water is dark blue, and the sky is not visible. The text 'Central Okanagan' is overlaid on the image in a dark blue font.

Central Okanagan

FLOOD MITIGATION PLANNING