

Collaborative Disaster Risk Reduction & Climate Adaptation



Willox Creek BC,
July 2020

Photo Courtesy of Landslides B.C.

What's it about?

In response to increased frequency and severity of weather, wildfire and glacial melts, communities within the Regional District of Fraser Fort George (RDFFG) have teamed up to proactively complete an assessment of risk associated with clear-water flood, steep creek, and landslides hazards (collectively, geohazards) and hazard exposure.

Why are we doing it?

Driven by changing climate, this project will inform a regional, collaborative approach to increase the resilience of communities within the RDFFG to natural disasters in a changing climate. It is foundational to risk management, and supports planning and Emergency Management decisions. The knowledge gained through this study will assist in identifying "hot spots" where more detailed work may be conducted as needed.

Where?

The project area includes the entire Regional District of Fraser Fort George, an area of 50,600km².

Deliverables & Outcomes

Project outputs will be consistent with the Emergency and Disaster Management Act legislation and include reports, web-application maps, and data. These products will be used to identify and prioritize geohazards across the RDFFG. From this first phase of hazard identification, recommendations will be made for risk management in areas of policy, regulation, emergency management and long-term mitigation planning.





*Paddlewheel
Park BC, 2011*

(Photo via Facebook/B.C. Transportation)



*Near Purden
Lake BC, 2012*

(Photo via Facebook/B.C. Transportation)

7 Project Partners

The Lheidli T'enneh First Nation, the McLeod lake Indian Band, the Village of Valemount, the Village of McBride, the District of Makenzie, the City of Prince George, and the Regional District of Fraser Fort George (lead).

Project coordination is being conducted by the *Fraser Basin Council* with *BGC Engineering* undertaking all technical components.

The figure below illustrates the aims of the project, which is to better understand the risk of geohazards by identifying hazard in relation to consequence and mapping these high risk areas for the purposes of planning future infrastructure, mitigating existing infrastructure and emergency management and response.

Timeline

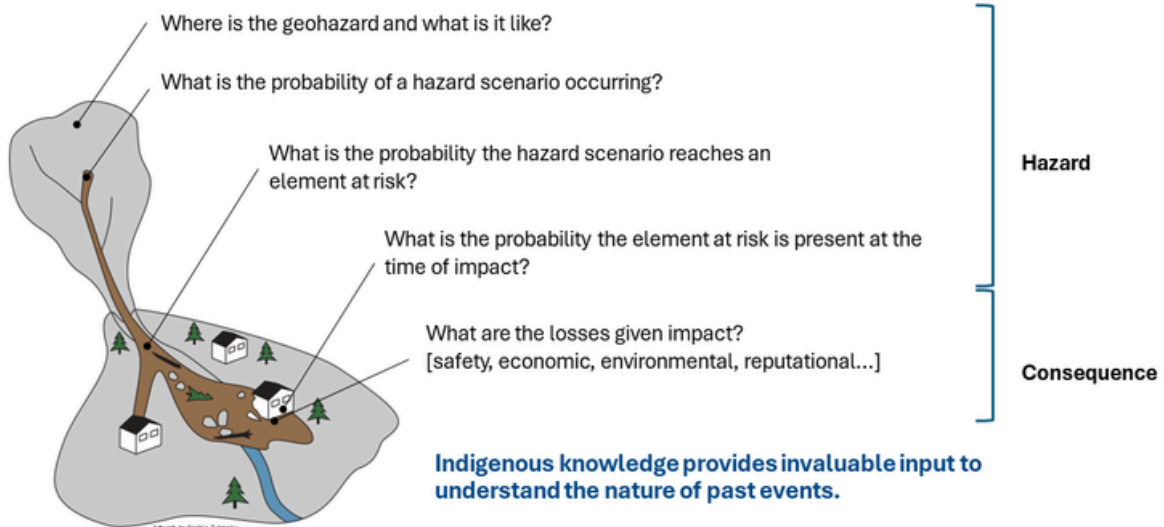
Fall 2023 to late summer 2025

Where can I get more Information?

Contact Kim Menounos:

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More updates to come.



Graphic courtesy of BGC