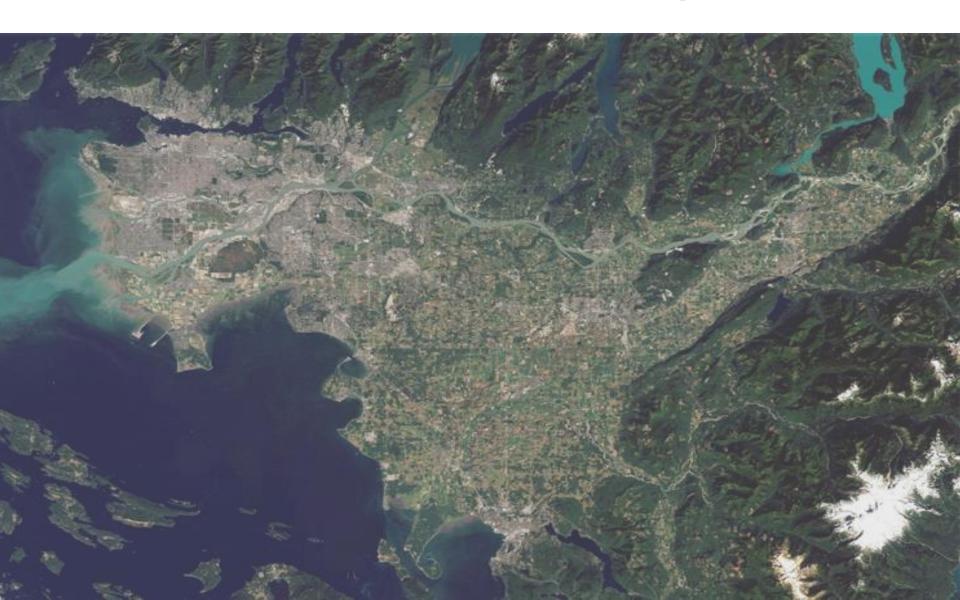


Flood Hazard, Risk and Risk Reduction in the Lower Mainland - Towards a Regional Flood Strategy



Lower Mainland Region

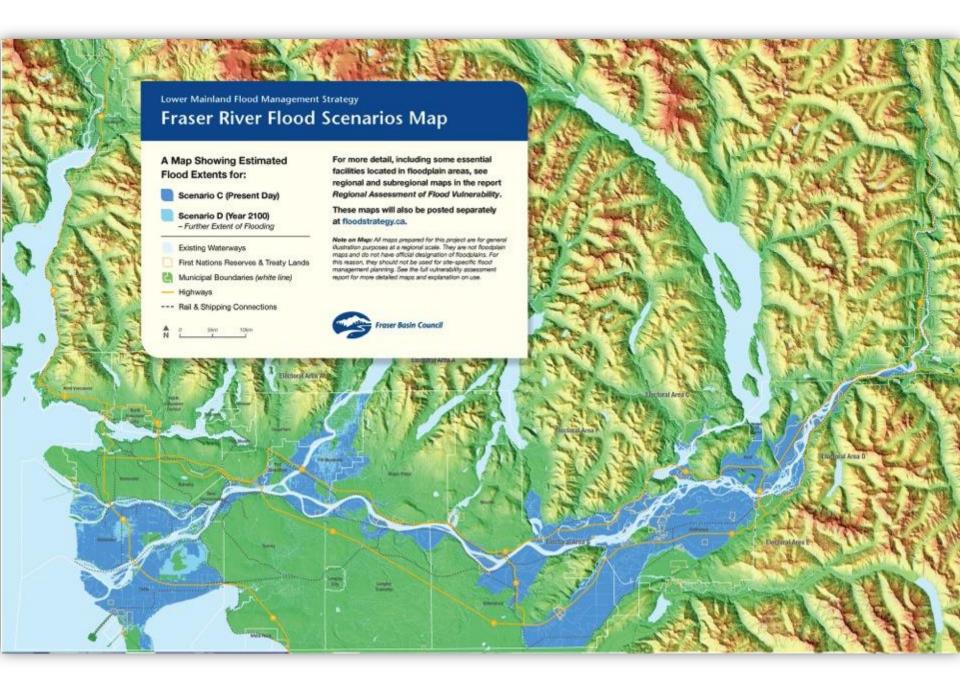


Flood Hazards 1894 Flood – Chilliwack



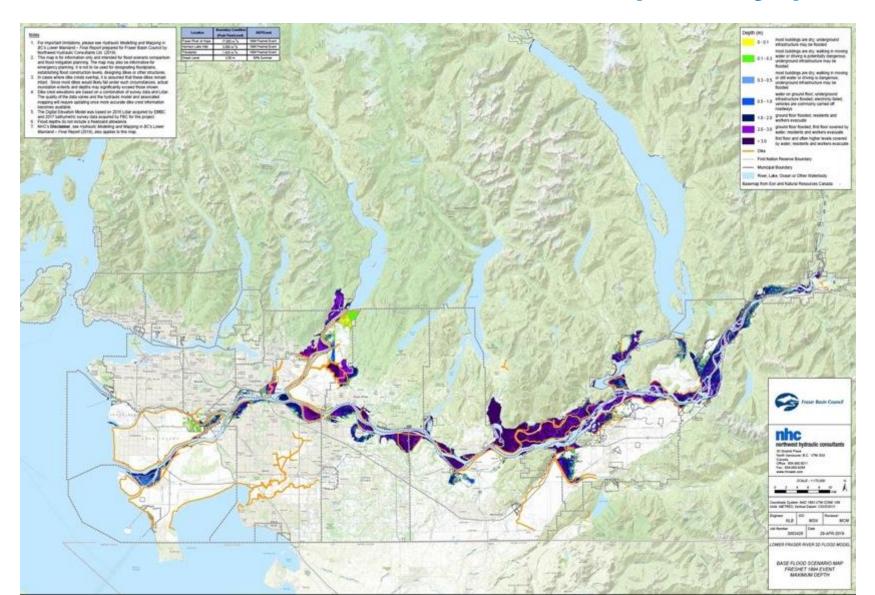


BC Archives BC Archives





Recurrence of 1894 Flood (>500-yr)



Climate Change Scenario Simulation of 500-yr Fraser flow + 1 m SLR

Note: with no dike upgrades

Flood Risks



Flood Risks

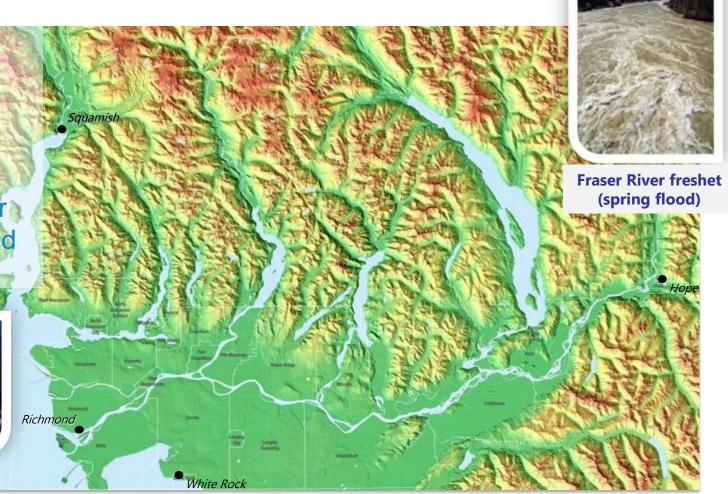
- Public safety and population health
- Critical infrastructure and essential services
- Building-related losses (e.g. homes, businesses)
- Other financial and economic impacts
- Environmental impacts
- Agriculture and food security impacts
- Social and cultural impacts
- Impacts to First Nations communities, values and interests
- Other

Lower Mainland Flood Management Strategy

Aims to reduce flood risk and increase resilience for communities along the Lower Fraser River and South Coast



Coastal storm surge (winter flood)



Lower Mainland Flood Management Strategy

- Improving understanding of hazard and risk
- Strengthening regional-scale coordination and collaboration
- Advancing holistic, integrated approaches to risk reduction
- Analyzing sound science and diverse perspectives
- Encouraging risk reduction options that deliver broad regional and community benefits
- Building on current strengths and emerging innovations
- Addressing gaps and capacity needs
- Securing long-term, dedicated, sustainable funding



For more information:

Attend the URBC 2020 Session on September 22 at 9:00am FloodWise.ca

Steve Litke - 604-488-5358

slitke@fraserbasin.bc.ca

