

NORTH SHORE SEA LEVEL RISE ADAPTIVE MANAGEMENT STRATEGY

Information for Squamish Nation Members

Today, The Squamish Nation's north shore lands are vulnerable to flooding from rising sea levels and more severe storms as a result of climate change.

We want to hear from Squamish Nation Members

More severe coastal flood events have the potential to **damage community infrastructure, archaeological sites, and natural habitats** along the waterfront. Flooding could also lead to **power outages** affecting buildings further inland. The risk of these impacts is expected to increase as sea levels continue to rise.

SQUAMISH NATION AS A PARTNER

The Squamish Nation is working with neighbouring communities to develop a Sea Level Rise Adaptive Management Strategy for the **north shore of Burrard Inlet** to build resilience across the region.

The Squamish Nation has a rich history of adapting to changes on our Lands since beyond recorded history. Our *Uxwimixw* cultural values and traditional knowledge are the foundation for our Nation's resilience.

The project looks out seven generations (200 years) to understand how sea level rise could affect members today, our grandchildren, and future generations.

Adapting to sea level rise supports our long-term vision of self-sufficiency and a high quality of life for all our members.



Photo Source: District of West Vancouver

For more information on the project and to provide feedback on what is important to you, visit www.dnv.org/sealevelrise.

WHAT IS SEA LEVEL RISE?

Sea level rise refers to the gradual rising of global ocean levels due to multiple factors including:

- melting glaciers and ice sheets
- changing water storage on land
- thermal expansion of water as ocean temperatures rise

In BC, sea levels are expected to rise by 1 meter (or more) by the year 2100.

Higher water levels, paired with more frequent and severe storms, could lead to more serious flooding along north shore coastlines.

NORTH SHORE SEA LEVEL RISE ADAPTIVE MANAGEMENT STRATEGY

Information for Squamish Nation Members

ABOUT THE PROJECT

Coastal waters do not flow according to community boundaries. This is why it's important that we work together with our neighbours to develop region-wide strategies. The other partners leading this project include the District of North Vancouver, the City of North Vancouver, the District of West Vancouver, the Port of Vancouver, and North Shore Emergency Management (NSEM).

The **Sea Level Rise Adaptive Management Strategy** project has two main objectives:

1. **Better understand** how coastal flooding could impact north shore communities; and
2. **Develop realistic strategies** to reduce and manage those impacts.

In the future, the Squamish Nation can use this strategy to select adaptation actions that best reflect community priorities and needs.

PROJECT PHASES AND TIMELINE



We want to hear from Squamish Nation Members

Community members across the North Shore will play an important role throughout the project. We will listen to your ideas, concerns, and issues about how we can adapt to sea level rise as we develop the strategy.

Squamish Nation Members will be invited to share feedback on the project through:

- Online feedback surveys
- Meetings with community Elders
- Meetings with key groups on the North Shore
- Open House for members

Stay tuned for details on these and other events!

Questions?

Contact **Bob Sokol**, Director of Planning and Capital Works, Squamish Nation

E: Bob_Sokol@squamish.net

T: (604) 904-7474