

Welcome to this Exhibit on Ucluelet Coastal Flood Mapping!



In September 2019, the District of Ucluelet embarked on a project to help the community become more resilient to flood hazards from coastal storms and tsunamis.

The District has recognized the importance of better understanding coastal flood hazards, especially in the context of changing sea levels, to support planning and emergency management decisions. Flood hazard maps are a foundation for understanding where and how deep water might occur, providing the basis to reduce community risk from flooding.

What are coastal flood hazards?



Coastal storm hazard arises when water levels are higher than normal as a result of surge, wind, wave, and tidal conditions.



Tsunami hazard occurs when a series of potentially large waves are created by displacement of mass in the ocean.



Sea-level rise, caused by expanding water and melting ice caps from climate change, slowly and steadily compounds coastal flood hazards.

Read more at ucluelet.ca/community/sustainability-climate-action/flood-mapping