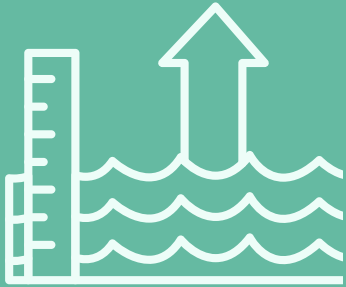




Sea level rise

Globally, sea levels are rising due to a combination of melting glaciers and thermal expansion of sea water due to warmer temperatures. The Province of BC currently advises cities to plan for 50cm of sea level rise by 2050 and 1m by 2100, though projections past 2050 vary widely.



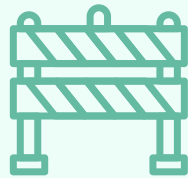
By 2050, Vancouver can expect half a meter of sea level rise

Vancouver is planning for one meter of sea level rise by 2100

Sea level rise has many impacts



Loss of access to culturally significant areas, parks and waterfront



Damage to shoreline infrastructure due to sea level rise, king tides and storm surge



Rising flood insurance costs and decreasing availability of insurance



Coastal squeeze of coastal habitats and low-lying land

Vancouver is taking action

We're building a more resilient, equitable, and healthy city through our Climate Change Adaptation Strategy



Piloting innovative nature-based solutions to adapt shorelines



Developing a city-wide Coastal Adaptation Policy



Learning more about vulnerable areas to inform future planning and policy