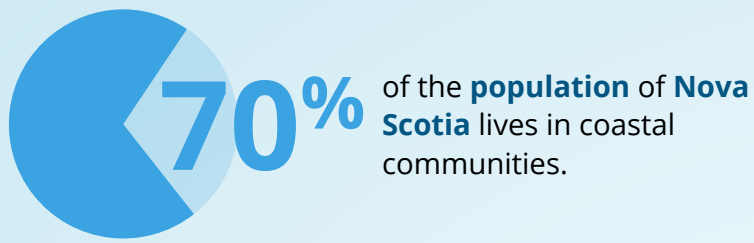


COASTAL CLIMATE CHANGE

IN NOVA SCOTIA

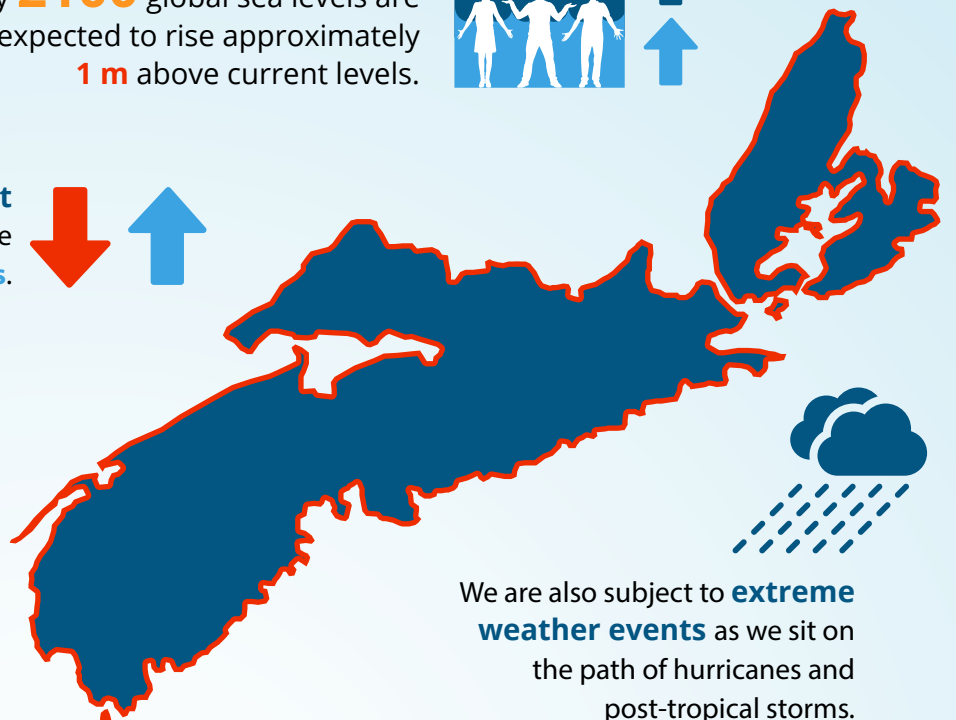
Canada's *Ocean Playground* has 13,300 kms of coastline.



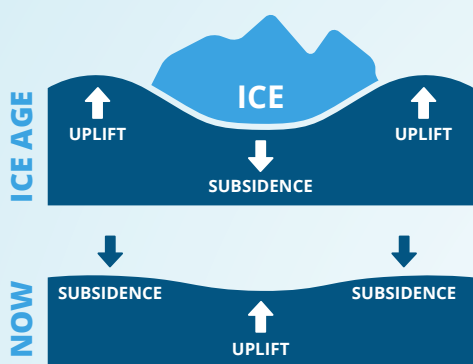
By 2100 global sea levels are expected to rise approximately 1 m above current levels.



Nova Scotia will experience the greatest local sea-level rise amounts in Canada because the land is subsiding as the sea level rises.



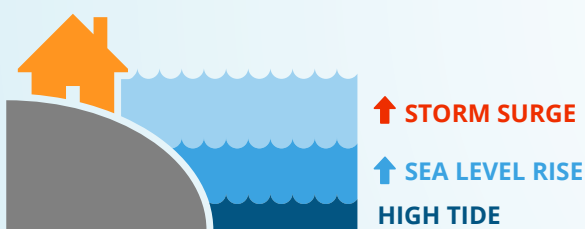
We are also subject to extreme weather events as we sit on the path of hurricanes and post-tropical storms.



Vertical LAND MOVEMENT

The glaciers which sat in the centre of Canada during the ice age pressed down, uplifting the coast. Now the center is lifting and the coast is sinking.

What does coastal climate change look like?



Coastal Flooding + Storm Surge

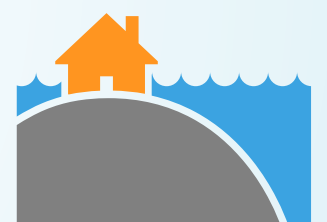
Storm surge can cause higher than normal water levels that temporarily flood homes and properties.

Accelerated Coastal Erosion



Salt Water Intrusion

Occurs when salt water seeps into fresh groundwater, impacting drinking water.



Inundation

A permanent submergence of the coast and a new normal water level.

What Can You Do?



Learn about coastal adaptation options.



Think before you build or buy.



Don't build too close to the coast or in low-lying areas.



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Ecology Action Centre