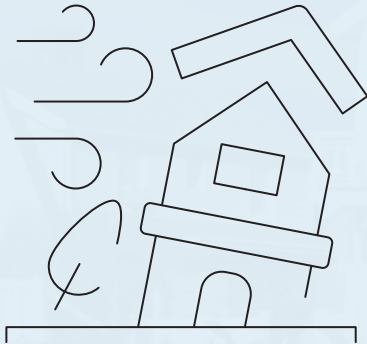


More Frequent and Intense Storms

EXTREME WEATHER EVENTS AND STORMS



Intense hurricane-like storms

Newfoundland and Labrador might be the most impacted Atlantic Canadian province by both tropical and extratropical storms.

Storms will be strengthened

This is because warmer air can hold more moisture, fueling these storms and making rare and intense rainfall events more frequent. Stronger storms will also reach northern areas more frequently due to warming waters.

POTENTIAL IMPACTS



Extreme weather events can result in temporary or long-term evacuations from traditional territories, and greater risk of injury and death.



More powerful storm surges will impact coastal communities.



Floods are amplified by steep slopes and shallow soils in Newfoundland and Labrador, causing significant property and infrastructure damage.



Negative impacts to communities' drinking water, such as increased turbidity and organic content.



Water quality, algae formation, marine species, fisheries and aquaculture productivity can be negatively impacted by intense storms and run-offs.



Storm force winds threaten highway and marine traffic, and cause property and tree damages.