Canada and Climate Change

Canada is extremely vulnerable to a warming climate. Canadians will most directly feel the effects of Climate Change through the impacts on local water supplies.\(^1\)

**Effects of Climate Change on Water**:\(^1\)
- warming lakes
- increasingly severe storms
- increasingly severe droughts
- melting glaciers

**Glaciers**

A glacier is a mass of ice that originates on land that persists all year round.\(^2\)

Glaciers are formed by snow that remains in one place long enough to be compressed into a thickened ice mass.\(^3\)

**Water in Canada**

As global air temperatures rise, average water temperatures are also warming. Water management and ecosystem health in Canada are so dependant on snow and ice, that Climate Change will be particularly impactful here.\(^1\)

References:
2. What is a glacier? http://extremeicesurvey.org/what-is-a-glacier/
3. National Snow and Ice Data Center
https://nsidc.org/cryosphere/glaciers/questions/climate.html

**Check out:**
- National Resources Canada
- National Snow and Ice Data Center
- Extreme Ice Survey