



For every tree we cut down, we
put many more trees at risk!

Some facts:

- Since forests intake CO₂, forests offset the CO₂ emitted from other activities.
- According to the UN, 25% of the world's greenhouse emissions come from forestry and deforestation.
- Each year, about 13 million hectares of forests are destroyed each year – the area of Nova Scotia and New Brunswick combined.
- Less than 8% of Canada's forests are fully protected.
- Because we are a Northern nation, Canadian forests are among the most vulnerable to climate change in the world.
- Climate change can deplete soil, causing farmers to clear even more forests.
- Over the past few decades, the area of Canadian boreal forest affected by fire and insects has doubled, with the greatest increases in the regions of greatest warming.
- In the 1990's, tropical deforestation accounted for 20% of global CO₂ emissions.
- In total, the world's forests store more than twice the CO₂ found in the atmosphere. When forests are cut down, they release these CO₂ into the atmosphere
- Old growth forests store more carbon than immature forests because they have lived longer to accumulate more carbon in their woody biomass. Forests that are replanted never hold as much carbon because they are cut down before they become old growth.

Some solutions:

- Require logging practices that reduce damage to remaining trees and the soil. This includes Seed Tree Logging and Selective Logging.
- Promote recycling and use of alternative fibres to decrease demand for virgin timber.
- Protect remaining old growth forests throughout Canada.
- Let your voice be heard! If any of these facts alarm you, contact an educator or your local organizations in this field!