CLIMATE CHANGE: WHY WE CARE

GRACE NOSEK
ADRIANA LAURENT SEIBT
BC Wildfires: A New Normal
Three Years to Take Action

- “The planet could face unsafe — and irreversible — levels of temperature increases if greenhouse gas emissions do not begin to fall by 2020.”*
- Droughts, heat waves, and sea level rise are and will hurt the poor and most marginalized first.**
- Climate change will be irreversible because of feedback loops
  - For example, as ice melts it reveals darker-coloured land or water below, which reflects less sunlight and SPEEDS up warming process

*http://time.com/4839039/climate-change-christiana-figueres-g20/
**https://www.nature.com/news/three-years-to-safeguard-our-climate-1.22201
Violence in Slow Motion

- Climate change has been called the next great world war
- UN News: “Climate change and human health are tied, in thousands and thousands of direct and indirect ways.”*
- Will cause 250,000 additional deaths/year
- UNFCCC Executive Secretary: “There is no doubt that runaway climate change threatens the long term national security of many countries as well as the overall stability of the world.”***

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Hurricane Mitch
Climate Change Vulnerability Index

Figure 6: Climate change vulnerability index 2012

We Have Hope: Students Taking Action