

# 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.**”\*\*\*

\*<https://www.undispatch.com/climate-change-will-cause-250000-additional-deaths-per-year-heres-will-kill-us/>

\*\*<https://www.undispatch.com/climate-change-will-cause-250000-additional-deaths-per-year-heres-will-kill-us/>

\*\*\*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.



# Hurricane Mitch



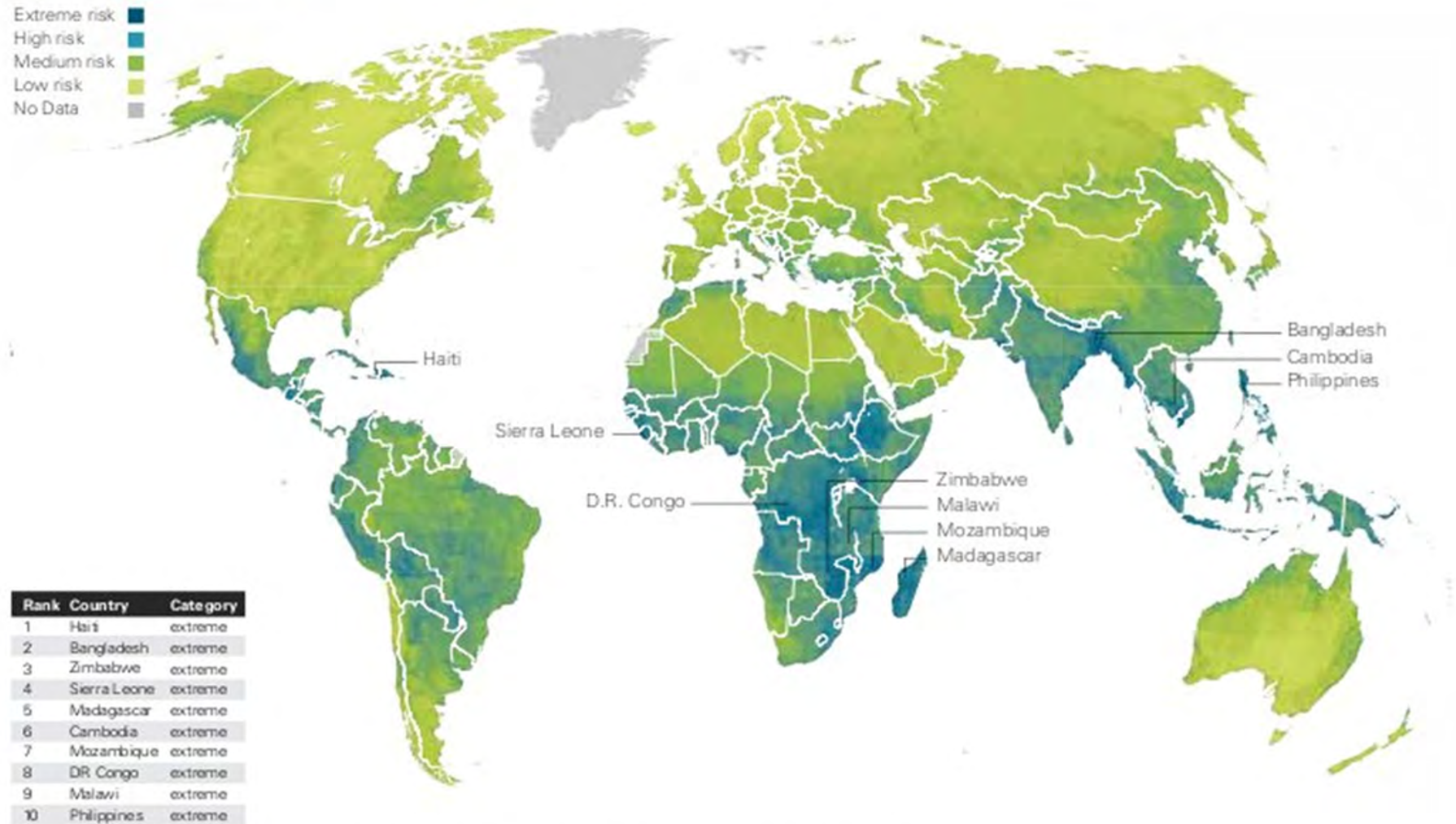






# Climate Change Vulnerability Index

Figure 6: Climate change vulnerability index 2012



Source: Maplecroft. (2012). The Climate Change and Environmental Risk Atlas. Available at <http://maplecroft.com>

# We Have Hope: Students Taking Action

