# Global Warming and why we need to stop it!

Today I'm going to be talking about how our world is currently approaching the issue with global warming and why we need to stop it.

 Our world contains many gases in its atmosphere. Global warming is caused when carbon dioxide (CO2), green house gases and air pollutants collect in the atmosphere and absorb sunlight and solar radiation that have been reflected off of the earths surface. Normally, this radiation would escape through the thin layer of gases in the atmosphere but over a couple of centuries, the gases in the atmosphere have built up and created a thick layer of gases. Usually, this radiation would escape into space but the gases trap the heat and cause the planet to get hotter and hotter over time.

 In the United States, the burning of fossil fuels (coal) to make electricity is the largest source of heat-trapping pollution (producing about 2 billion tons of CO2 every year). Power plants that burn coal emit the most harmful gases. The country's second largest heat-trapping pollution is from the transport sector. This sector produces 1.7 billion tons of CO2 emissions every year.

To help stop the dangerous climate change, countries all around the world have introduced new ways in which to receive electricity, for example; Solar Panels: These collect energy from the sunlight provided by the sun. This is then transferred into electricity. Wind Farms: These are huge wind turbines that spin in the wind. This generate electricity. Geothermal Energy: Geothermal energy is heat energy generated and stored in the earth.

HOW IS GLOBAL WARMING LINKED TO EXTREME WEATHER?

Scientists have discovered that rising temperatures on the earths surface are furlong longer and hotter heat waves, more frequent droughts, heavier rainfall and more powerful hurricanes. In 2010, an ongoing drought in California - the states worst drought in over 1200 years - was intensified by 15/20 percent by global warming, scientists confirmed. Scientists also said the odds of similar droughts happening in the future had roughly doubled over the past century.

The earths ocean temperatures are also getting warmer. This means tropical storms can pick up more energy, for example, global warming could cause a category 3 storm into a horrific category 4 storm.

The impacts of global warming are being felt across the whole globe. Extreme heat waves have caused thousands of deaths around the world in the past could of years. Antarctica has also been losing about 134 billion metric tons of ice per year since 2002. This rate could increase if we continue to burn the harmful fossil fuels at our current pace.

OTHER EFFECTS OF GLOBAL WARMING:

•Melting glaciers, early snowmelt and severe droughts will cause an increase of wildfires.

•Rising sea levels will cause coastal flooding especially in Florida for example.

•Distruption of habitats such as coral reefs and alpine meadows could drive many plant and animal species extinct.

RECENT HURRICANES:

The Americans were recently hit by three destructive hurricanes; Harvey, Irma and then Jose. These hurricanes weren't of coincidence they were caused due to climate change/global warming. Scientists have became extremely worried because the response to these three hurricanes just shows us how unprepared our world is to face this climate change. Due to the weather/climate change, hurricanes will tend to link more frequently together just like Harvey, Irma and Jose did. This will cause mass destruction to our world because of the damage they could cause.

Global warming is being approached to an extent all around the globe but it Isint enough. We need to increase the pace that we are aproaching this problem rapidly because not only will the nature and environment be in danger, we also will be. I hope you enjoyed my speech about global warming. Thannk you for listening.