

## Climate Change Impacts on the World

Scientists believe our earth is warming. Climate change is a massive problem in the world, and it is causing a lot of impact to the people on it. Climate change is when heat gets higher, the earth's core gets warmer, and heat gets trapped in the atmosphere. Our earth has heated by 2 degrees in the last 100 years, and though that may not seem like a lot, it's very dangerous. If we do not do something quickly, we, and the next generation of people are going to have to suffer the consequences that climate change brings to us. Many people do not understand the harm about climate change and are setting it aside for the future when it will be at an all high. I care very much about climate change because of the fires it is starting in California. I hate seeing people on the news lose their homes and prized possessions all because we aren't taking the actions needed to stop climate change. My great uncle had his home burnt down not very long ago, and he has a very hard time traveling, which made it so hard to get him somewhere safe. I am done watching people suffer all because of climate change, and I think we need to do something about it.

One very big problem climate change is starting is wildfires. Hotter temperatures, drier conditions, heavy winds, and human involvement is causing wildfires all around the world. It is taking people's homes, and making some peoples environments unsafe to be in. Wildfires are creating a very extreme risk to many people in tropical or relatively hot places. 16% of our world has already been burned by climate change, and if we do not take action, that number will continue to go up until nothing is left. According to Wildfire Today, "extreme wildfires may increase 14% by 2030", and if the risk is increasing that quickly, we must act fast.

Many places in the world are impacted by climate change, but California is the most impacted place in the U.S. by wildfires. According to Bancrate.com, "California has 4 times more active wildfires than any other state". California's people are impacted by the wildfires

because; first, the wildfires are worsening the air quality; second, its leaving people with no homes; and third, it's so severe, some of the fires are claiming lives. These problems are continuing to worsen every day, and what we're doing is not enough.

California is paying billions of dollars to cover the damages the fires are doing. With new fires and new risks that come daily, it's hard to keep up. The lands and ecosystems in California are getting destroyed, leaving animals, and people with a very dangerous environment. Millions of acres of California are being burned yearly, to the point where it is unknown how many acres it has burned in history. According to Wikipedia, "From January 7 to 31, 2025, a series of 14 destructive wildfires affected the Los Angeles and Metropolitan area". Watching fires take lives, homes, and ecosystems is devastating. This quote shows the damages these fires are causing to California, and I believe we must do what is right for California, and take action to help the people, and the land.

Climate change is making life difficult. We must use solutions to resolve these issues. One of the solutions scientists have found for wildfires is to minimize greenhouse gas emissions. Greenhouse gas emissions trap heat in the atmosphere. The gases use specific gases to warm up the earth. The most common and natural gases are carbon dioxide, methane, and water vapor. Other greenhouse gas emissions are when people burn fossil fuels. Currently, these gases are raising heat to extreme levels. When people do daily life things, like driving cars and running factories, the greenhouse gas emissions worsen climate change. If we minimized greenhouse gas emissions, we could potentially be saving the earth from climate change. According to U.S environmental protection agency, "Larger emissions of greenhouse gases lead to higher concentrations in the atmosphere." So, lets help out, and minimize greenhouse gas emissions.

Climate change is very powerful, and we are letting it take over our earth, and even us. We are standing aside, watching our planet burn, while we are the only ones who can do something about it. Climate change matters to me because of the massive impacts we aren't even looking at, and yet, we stand aside waiting for something bad to happen. Our next generation should not live in fear, they should be able to look back and be proud of what we did to help climate change. We should be able to call our home safe, and happy. So, let's be brave, and take a step. I have hopes for the future that we can work together for a healthier home. Remember, there is No Planet B.

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