

Kyle N Villano

Mrs. Hesse/Mrs. Martinez

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### Global Warming Kills

Did you know that according to NASA, the our sea has risen over 81 mm. all because of global warming (“Sea Level”)? Most people don’t think that global warming is a real important issue in today’s modern world. Global warming is slowly killing the environment and if we don’t stop, then our society will crumble into mass chaos.

Global warming was caused solely by the actions of the human race and is an important problem in today’s world. One of these causes is pollution. According to The Union of Concerned Scientists, “Cars and trucks produce air pollution throughout their life, including pollution emitted during vehicle operation, refueling, manufacturing, and disposal. Additional emissions are associated with the refining and distribution of vehicle fuel” (Cars, Trucks, and Air Pollution). This means that we are polluting the environment every time we drive a car, which is causing greenhouse gasses, which lead to global warming. Another cause of global warming is fossil fuels. According to the Department of Energy , “Today, fossil fuel industries drill or mine for these energy sources, [coal, oil, etc.] burn them to produce electricity, or refine them for use as fuel for heating or transportation” (“Fossil”). These fuels that are being drilled are also causing global warming when they are burned which releases harmful gases into the air which cause the polar ice caps to melt and the sea levels to rise.

Some people don't believe that global warming is real, but these people need to reconsider because global warming is real and happening now! Even after seeing the effects of global warming starting to roll in, some people still don't believe: "According to a recent Pew study, 7 out of 10 Americans who are political independents were not very concerned that climate change would hurt them" (Calderón). This shows that 70% of people that are politically independent aren't concerned about the environment. Despite this though, our environment is changing and is on track to become the worst environment that we have ever seen. Another example of how people still don't believe is: "Worse still, Yale University researchers recently found that 40 percent of adults worldwide have never even heard of climate change. In some developing countries, such as India, that figure climbs to 65 percent" (Calderón). This shows that even more people don't care about the changing environment and aren't worried about the massive changes to come if we stay on this path.

Even though this all seems terrible, there are many solutions to this problem that we can use. One solution is hydrogen energy. Hydrogen energy is a clean energy source that we can use power our cars. It is made by getting power from the sun to split water into oxygen and hydrogen. Then the hydrogen is put into a fuel cell. ("The End of Oil" video, 19:40-20:45). This is one type of clean energy that we have at our disposal that we can use to power our car or heat our houses without killing our environment. Another great solution is solar roadways. "Solar Roadways are energy-capturing roads is a series of strong glass panels that motorists drive on" (Motavalli). Each panel has solar cells, sensors, microprocessors, heating elements, and LED lights inside them. These lights can be used to show messages to people walking or driving. Also, this road will pay for itself because for every mile, the road produces up to 3.34 megawatt

hours of electricity per day (Motavalli). This shows that we can eliminate things like plows and lights, which all currently run on fossil fuels, just by switching to solar roadways.

Global warming is slowly killing environment and if we don't stop, then our society will crumble into mass chaos. If we continue on this track, then the sea level will rise even more than it has. The ice caps will melt fully in the near future and polar bears will go extinct. But what's worst of all, is that thousands of people will either die or become homeless when their home city of New York City or Orlando sinks under the ocean. Some causes of global warming include pollution and fossil fuels. Whereas, some solutions include hydrogen energy and solar roadways. If we continue to use fossil fuels, then all the polar ice caps will melt and the seas will rise to extreme heights and "sink" cities and displace thousands of people. We have already used over 67,000,000,000 barrels of oil (Clark), that is 67,000,000,000 barrels too many. What could YOU do to stop global warming and save our planet?

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