

Dear Editor,

Have you ever wondered where all of the smog from cars, trucks, planes, boats, and factories go? There is a simple -but actually quite complicated- answer to that, the atmosphere! You may think, oh the smog just goes into space, no problem there, but actually there's a huge problem. That problem is called global warming, its REAL, and it affects ALL OF US.

So, what is Global Warming? Global warming is the warming of the earth's temperature and the rising of sea levels, and too much carbon dioxide in our atmosphere. This is caused by the burning of fossil fuels (like gasoline) that get released and trapped in the atmosphere. You would think that it would just go right through the atmosphere, but the greenhouse gasses like carbon dioxide and methane building up are making the atmosphere harder for carbon dioxide and heat to pass through, keeping our heat trapped in the atmosphere. When the heat gets trapped in our atmosphere the heat waves from the sun bounce back to earth causing the temperature to warm. This phenomenon is called global warming.

Some believe that global warming is a government hoax or that it isn't real but the issues related to global warming that happen every day are evidence of global warming. No matter where we live, if global warming continues to get even worse, if our sea levels and temperature continue to rise, we will all be affected. Humans, animals, sea life, everything on our earth will change.

Now that we know OF the problem, what are the actual effects of global warming? Well for starters, the rising temperature of the earth have only risen a very small amount, but glaciers all over are melting and the water from the melted glacier is going into the ocean causing the water levels to rise. With just the small rise in temperature animals must adapt at a crazy rate if they want to survive. An example of this is polar bears, because of the glaciers melting the polar bears are losing their home and protection and must deal with the unusual temperature change. Another thing affected by Global Warming is the coral reefs. When humans like you and I breathe out carbon dioxide (a greenhouse gas) 30% of the carbon dioxide goes into the ocean. At first when scientists learned this they thought it was good, but it is actually terrible for coral reefs and shelled creatures. Due to the carbon dioxide in the water, the acidity levels are rising, making it harder for shelled creatures to form their shells, and coral reefs to form. Studies prove that the acidity is affecting the survival skills of fish too! Even with the small change of acidity in the water it has a big impact on sea life and oyster and shellfish farmers all over the world.

In conclusion, global warming IS REAL and should be taken seriously. So many things are negatively impacted by global warming, and if we don't stop it the future of our earth may be deadly. There are so many things we can do to help stop this but people must open their eyes and see the problem right in front of them and do something about it. Spread the word... global warming is REAL and it affects ALL OF US.

-Clara Husaby

To the Editor,

Today, I will be talking about how global warming affects us and the wildlife around us. First, what is global warming? Well, global warming is a serious threat to all of humanity. Our Earth is heating up, glaciers are melting, and it's caused by burning fossil fuels. What can we do to stop it? Use our resources properly and not waste as much. For example, you bought a Gatorade at the Circle K down the street and you are done drinking it. What do you do? You might recycle it, but about 60,000,000 plastic bottles are THROWN away a year, compared to the 15,000,000 that are recycled. THAT'S ONLY 25% OF 60,000,000! We need to bring that 60 million down to 0 and recycle EVERY SINGLE PLASTIC BOTTLE! Well, now you might be saying, "I hear talk about global warming, but PROVE that this is really happening," and so I will. Humans release carbon dioxide in many ways, like burning fossil fuels (Oil, Gasoline, etc.) and when our garbage man comes every morning to get our trash guess how he gets there? A truck, and guess what a truck uses to run? GAS! Are you putting all the parts together now? I know I am! Also, when we put trash in a landfill, some items take 600 YEARS to decompose! And if you are like, "Naw man I get my trash burned, so I'm helping," YOU ARE VERY WRONG!!! When you burn trash, that releases carbon dioxide and other greenhouse gases that ALSO CAUSES GLOBAL WARMING!!! What can we do to stop this? Recycle more and waste less! Recycle paper, plastic, cardboard and check your local landfill for what you can and can't recycle because it is different in every state. Please, Save, Don't waste!

Sincerely,  
Brady Stack

The world is dying but so are we, but we can help it easily!  
As the world dies around us we are completely oblivious.  
But this is not a problem we can just dismiss  
We have to stop it before we become an oceanic abyss

There are many reasons why climate change is happening and it is all our fault. First of all think about how many times you have driven or where in a car today, every single drive could release up to 134 pounds of CO2 a ride. Second did you use your phone, turn on a light, or use running water today all of those use CO2. And it is not just a little half degree temperature change the changes are major.

You can see global warming changing a lot of things. First there is ocean acidification which causes a lot of fish to become weaker and shells to not form correctly. And that is just the beginning there is also coral reef bleaching which is a huge problem because as it causes the coral reefs to die so does 25% of our oceans animals and a lot of research that could help with many things in our lives.

But there is still a lot of hope, if we change our ways just a little bit then we can make a huge difference to the environment. First of all we can try to bike or walk a bit more than we do right now. Also we can try to go one meal a week without meat and save a lot of water from getting polluted. Lastly you can get a compost bin and recycle plants there and help the environment in many ways. These are just some of the things you can do to help stop global warming.

Thank you for reading and I urge you readers, to use less electricity throw away less garbage and pave a bright path for the future. Your parents did it for you now it is your turn. Do it for us do it for the environment do it for yourself. Thank you and make the right choice.

Sincerely,  
Otto

Dear Editor,

You wake up to hear the dolphins in the ocean squealing, you turn on the lights to your house and jump in the car to go to your factory for work. I bet you don't realize any of this but lights, cars, and factories all use fossil fuels which not only affects you but it also can kill the dolphins you heard when you woke up and it is affecting the earth that is giving you a way to live. Mostly everything you buy has some sort of fossil fuel in it, when fossil fuels are burned they go up into our atmosphere creating climate change! Fossil fuels are killing our earth

The use of fossil fuels are one of the main factors that are creating climate change. In addition fossil fuels are creating ocean acidification which is killing marine life and making them develop bad instincts. Also fossil fuels are breaking down the ozone layer.

The use of fossil fuels create global warming along with a lot of other factors. But we have the ability to reduce the amount of fossil fuels emitted into the atmospheres. Not only do we have the capability to help the earth but we can all work to amend our daily habits for a positive impact on earth.

All you have to do to save the planet are just a few easy things. One of the easiest things you can do is turn off your lights more and save electricity. Another thing you can do is drive less, some choices of other transportation is bus, bike, walk etc. If most if not every person in the United States does these things we can help the planet survive a lot longer. As dire It is seems it is exciting to see the progress that has already been made. For example in 2016 15% of the US's electricity came from renewable resources.

In conclusion fossil fuels are one of the most common factors of CO<sub>2</sub> emissions in the United States. We can all lower the amount of CO<sub>2</sub> produced very easily and we can all start NOW!!!

Sincerely,

6<sup>th</sup> grader at Pacific Crest Middle School