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# Pollution and Global Warming

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## The lack of awareness on climate change

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Climate change is an important aspect of discussion. It has overturned environmental stability and started increasing the global surface temperature by almost 5 °C in the last 27 years. This has resulted in the rising rate of melting of the ice cap, on mountains and thus the rise in oceanic levels. The definition of climate change is a change in a region's average weather and or climate. The general public confuses the difference between climate and weather. Weather is a short-term change we see in humidity, precipitation and wind. Climate is the weather of that region averaged over a long period of time. And in regards to climate change specifically, we see these long-term changes happen over thousands upon thousands of years. Some of the causes of climate change are actually natural. These natural changes result from the Earth's orbit and the amount of energy that is coming from the sun. However, most scientists believe the rapid escalation of CO<sub>2</sub> ppm (parts per million) started during the Industrial Revolution and has not looked back since. Starting from the industrial revolution, the burning of coal, oil and gas is how we produce the energy we are so dependent on today. The process of burning these fuels is what traps heat in our air and that result in the incremental increase of temperature on our planet. It also provides a startling way out of through the apparent holocaust the world is facing in perhaps, the next century. These natural changes result from the Earth's orbit and the amount of energy that is coming from the sun.

### Biography

Rohail Riaz Khoushab is graduated from an International High School with IB Program honors and currently a sophomore student at De Anza College studying Political Science

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