

## Global Warming *by Keith Vassallo*

Global warming is expected to have large and devastating consequences on planet earth such as melting glaciers, more intense heat waves and rising sea levels, to mention a few.

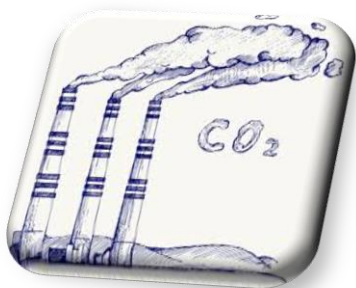
Global warming, the main heating of the earth's surface, oceans and atmosphere is caused by human activity. By burning fossil fuels to run our vehicles and power industry and manufacturing more carbon dioxide, methane and other hazardous greenhouse gases are being released into the atmosphere.

On the 27<sup>th</sup> September 2013, a major report released by the Intergovernmental Panel on Climate Change (IPCC), stated that human activity is the main reason of global warming.



The IPCC is a group of scientists that meet every few years to discuss the newest scientific discoveries about climate change, they also write a report that includes all the information they have about climate change.

In the beginning, the IPCC learned that there are a lot of greenhouse gases and that humans are producing them in many ways. Most come from combusting fossil fuels.



The main gas responsible for the major heating is carbon dioxide, also known as CO<sub>2</sub>. Other gases that are released into the atmosphere are methane and nitrous oxide. Because of this we are losing forests that store CO<sub>2</sub>.<sup>i</sup>

We have to stop this before it is too late! We can stop this by inventing new ways to prevent greenhouse gases from being released into the air.

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<sup>i</sup> [https://www.sciencedaily.com/terms/fossil\\_fuel.htm](https://www.sciencedaily.com/terms/fossil_fuel.htm)