Climate Change: too late

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What is Climate Change?

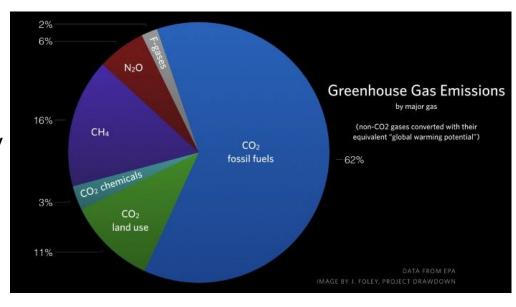
Climate Change is a title used to describe the gradual warmth of the globe due to human intervention, as well as large scale shifts in weather patterns. The idea itself has no repercussions, but the issue is not the gradual warmth of the globe, or the shifts in weather patterns. Many people feel that Climate Change only refers to the globe getting warmer overtime, but Climate Change really refers to the the result of this occurrence. It is more defined by the result of the result. The result of releasing more Carbon Dioxide into the atmosphere is the gradual warming of the globe as well as large shifts in weather patterns, which would result in loss of land mass and millions of lives.

Climate Change Evidence

There is a myriad of evidence to support Climate Change. Any quick google search would reveal the countless amount of supporting evidence. It is not difficult to learn about how Climate Change is REAL and an impending danger. The evidence legitimate and obvious. Warming oceans, melting glaciers, shrinking ice sheets, global temperature rise, decreased snow cover on mountain ranges, sea levels rising, hurricanes occurring more often, ocean acidification, record levels of carbon dioxide being released into the atmosphere, frequency of extreme events (weather based events). All of this information is readily available, a quick google search would provide this information.

Climate Change Evidence

This graph illustrates where the majority of Greenhouse Emissions are released, where we can see that Carbon Dioxide Fossil fuels make up the majority of Emissions. The fossil fuel industry makes up more than 50% of all emissions.



Climate Change Consequences



The consequences would be devastating to all forms of life. An image of the east coast made by PBS shows how disastrous the situation could result into. An estimated 40% of the entire world population lives in coastal cities. If the sea level continues to rise, life would be forced to be moved inland, as well as this being something where it is possible to prepare against.

Climate Change Consequences

The globe is warming due to Carbon Dioxide being released into the atmosphere at amounts never seen before. This Carbon Dioxide is preventing sun rays from being properly reflected off the surface of the earth. This results in the Sun's warmth being trapped underneath the Earth's atmosphere which then results in the gradual warming of the globe. If we continue to act as we do now, the weather patterns we will experience will mimic those that happened 3 million years ago.

This would result in the loss of billions of lives, as well as thousands of individual species. Life tends to be near water, as water is an essential source of sustenance. All living animals need water, so they would live or typically be near enough water to survive for long periods of time. As the water level rises, there would be a mass extinction of life in general, down to the few stragglers that survived.

Climate Change Solutions

To create a solution first we must understand what the problem is. The problem is not climate change, it is what creates climate change. Climate change is result of human technological growth, as well as regulations designed for greed rather than the benefit of as many individuals as possible. The primary cause of the extreme inflation of carbon dioxide trapped in the atmosphere is the lack of regulations surrounding the amount of carbon dioxide allowed to be released into the atmosphere. An individual does not affect the amount of carbon dioxide being released into the atmosphere, even if they do drive. It amounts to such a small percentage of released CO2 that if anything it is natural. What's needed is regulations put in place that limit the amount of CO2 being released into the atmosphere.

Bibliography

https://climate.nasa.gov/

https://www.ipcc.ch/data/

https://www.noaa.gov/

https://www.un.org/en/sections/issues-depth/climate-change/

https://www.epa.gov/qhgemissions/global-greenhouse-gas-emissions-data

https://www.nationalgeographic.com/environment/global-warming/global-warming-causes/

https://www.c2es.org/document/multi-gas-contributors-to-global-climate-change/

https://www.ers.usda.gov/topics/natural-resources-environment/climate-change/

https://www.pbs.org/wgbh/nova/video/east-coast-3-million-years-ago/

https://royalsociety.org/topics-policy/projects/climate-change-evidence-causes/basics-of-climate-change/

https://globalecoguy.org/the-three-most-important-graphs-in-climate-change-e64d3f4ed76