

Global Warming Essay

Have you ever imagined ! what will happen if ice on the glaciers starts to melt and the sea level get rises to some level? Even thinking and imagining are very dangerous. But this is going to be soon reality in this world. And what is responsible for all these things is "Global Warming".

Now, what is this global warming? Yes in the name itself suggests warming meaning an increase in temperature at a global level. Hence global warming can be any unforeseen and sudden changes on the surface temperature of Earth, causing several damages to human life.

What is Global Warming?

DEFINITION OF GLOBAL WARMING :

Global warming is a gradual increase in the earth's temperature generally due to the greenhouse effect caused by increased levels of carbon dioxide, CFCs, and other pollutants.

According to the climate [website of NASA](#) global warming can be defined as:

Global warming is the long-term heating of Earth's climate system observed since the pre-industrial period (between 1850 and 1900) due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gas levels in Earth's atmosphere.

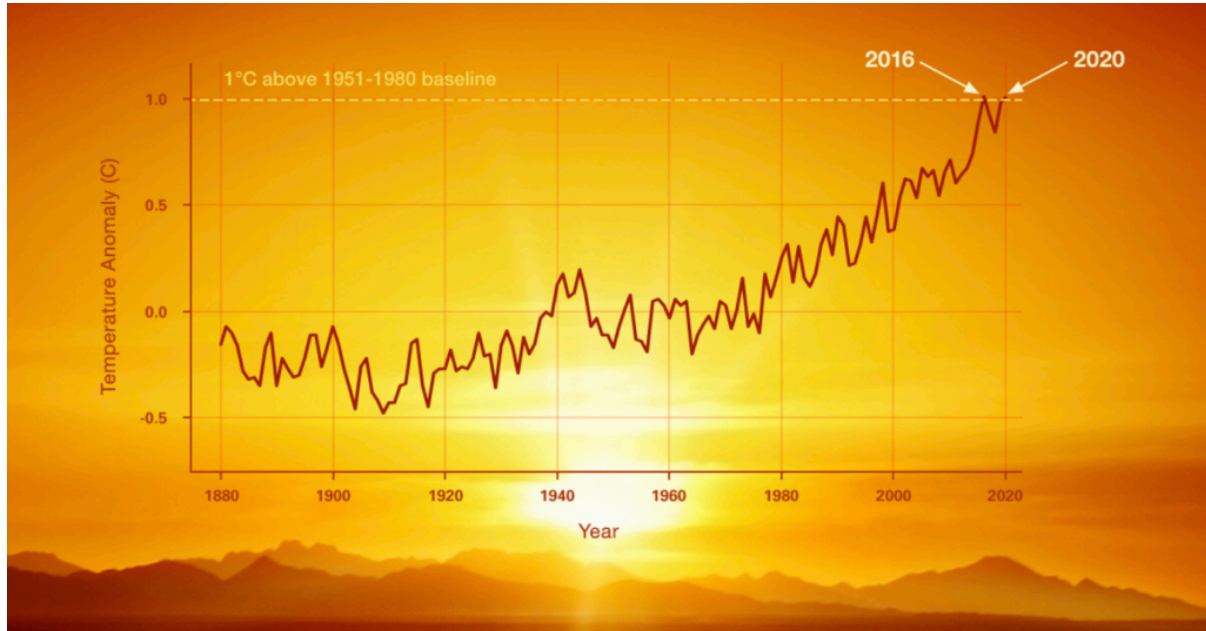
The term is frequently used interchangeably with the term climate change, though the latter refers to both human- and naturally produced warming and the effects it has on our planet. It is most commonly measured as the average increase in Earth's global surface temperature.

What are the signs of Global warming?

Seeing the rise in temperature and decline in the species diversity. Many animals are on the verge of extinct because of sudden changes in the temperature of the

atmosphere and on the earth's surface as they cannot cope with the changes in temperature.

The following graph sums up the year wise global warming:



Causes of Global Warming

Before the 20th century, there was hardly any sign of global warming. Hence it begins after the industrialization phase that this global warming is starting to come up. Hence the main reason behind global warming is Human being activities.

Excessive use of Fossile fule: The level at which human uses fossil fuels is very high. From burning coal to industrialization almost most activities are producing carbon dioxide and nitrous oxides, which are the most important causes of greenhouse gas in the atmosphere.

Deforestation: With the population rise there is a need for food, shelter, and economical development. Hence to fulfill that need and human greed high level of deforestation starts to begin.

Intensive farming: Intensive farming involves not only fertilizers to a large extent, but the animals are also rared to large extent and hence they are the reason for methane increase in the atmosphere.

Waste disposals: landfills and incineration emit greenhouse and toxic gases to a large extent. Methane and other gases are released on a large scale. Hence adding to the greenhouse effect.

Mining: From extraction to delivery mining is contributing to almost more than 5% of greenhouse gases.

Overconsumption: Hence human being is using and exploiting the resources more than required hence adding a burden on greenhouse gases.

Global Warming Effects:

Melting of Glaciers: This decade is the worst one affected by global warming. Glacier retreat and shrinkages of the arctic are the most common phenomenon seen in this decade.

Rise in sea level: The melting of a glacier is directly affecting the sea level of the oceans. Because of which there is a great danger of migration and loss of human habitats living near the sea or low-lying areas. Many countries are facing extreme weather conditions. Every year there is a surge of forest fires, extreme heat and cold, and other natural calamities because of fast seasonal changes. Hence there is always a fear of imbalance of ecological balance of the environment.

Effect on marine life: Global warming raises the temperature hence marine life is severely affected by this. From dying of coral reefs to the death of marine species are the biggest challenges going forward which humans will have to conquer to keep life safe and maintain the balance in an ecosystem.

Effect on Plant and animals:

According to the report of the National Academy of Sciences already there is a shift in the habitat of animals northward or to higher altitudes because of a sudden rise in temperatures. So, this effect cannot be ignored too.

Social effects: Global warming not only affects the natural ecosystem but the social life of human beings is also going to get affected be even more devastating?

From agriculture to groundwater table and loss of arable land and failure of crop and livestock shortages will slowly come into the picture to haunt the human beings.

Ways to Reduce Global Warming:



Waste Reduction and Recycling: Reduce, Reuse, and Recycle will be the prime thing if we want to make a significant impact on the climate for reducing the temperature. From the paper, plastic, newspaper, glass also aluminum cans can be reduced and recycled. Hence loads of carbon dioxide can be reduced in this way.

Efficient Transportation: if we drive smarter and take care of our public transport needs there is a possibility of reducing CFCs and many greenhouse gases to a huge extent.

Community and Individual Action: If we start small by sharing energy-efficient ways with our friends and relatives we can create a better environment. Also, we can establish the program with the help of public officials to reduce the Greenhouse gases and hence slowly maintain the optimum temperature.

Reducing the use of Air conditioning/ Green Building: In recent years, and mostly in countries near the poles the use of air conditioning is very severe. And the cost of the best cost-effective methods is very high hence if we can reduce the air condition which is the main producer of CFCs we can have greater control over the

atmosphere temperature. Try to plan Green building while making any infrastructure plans.

Plant a tree: Yes, this is the most effective and simplest way to reduce greenhouse gases. As plants are best controlled by temperature because of their natural growth and process of synthesis.

Energy Efficiency and Conservation: Yes, if we start using energy-efficient products which save energy and cost of production we can save a huge amount of pollution and ultimately helps in reducing the temperature level.

Conclusion:

It is very important that we start small and from our home itself to save energy and efficiently use the resources provided by nature. Temperature rise is most of the time effect of our small activities from driving to using heavy instruments. We need to maintain the balance with the environment by using the best and efficient ways for our everyday living and also take care of our environment by planting more and more trees. So that we can give a better future and prosperous life to our future generations.