

# The Global Warming and its Effect by Mankind in Nature

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**Abstract:** *One of the most defining issues of our time is climate changes which are taking place in our environment. Both mankind and nature contribute to the global warming. Many parts of the world are affected by the global warming. However, the evidence has shown that the warming we are currently witnessing is largely due to the human forcing. The changes taking place in the environment affects the human health. The paper will explore the impact of global warming and mankind has to avoid all type of entertainment equipment that helps to reduce the global warming.*

**Keywords:** Global warming, green house effect.

## 1. Introduction

Over the last 100 years, the temperature of the earth has been increased tremendously. As the temperature of the earth goes on increasing, disasters such as hurricanes, floods and droughts are taking place more frequently. The industrial Revolution has played a major role in exposing the different poisonous materials in the form of gaseous which causes the global warming. The other human activity like deforestation is an important factor for global warming. The global warming means a continuous increase in the atmospheric temperature due to greenhouse effect. The green house gases are composed of carbon dioxide, carbon monoxide, methane, nitrogen oxide, chlorofluorocarbons, sulphuric fluoride, water vapour, hydrocarbons, etc.

Over the past 150 years or so green house gases in the atmosphere is increasing progressively due to the industrial revolution. In 1824 the green house effect was proposed by Joseph Fourier. In 1896 the quantitatively first investigated by Svante Arrhenius. Since 1901 the average world temperature has been increased by 0.74 degrees. The green house effect is a natural phenomenon because of chemicals present in the environment, in which gases and small particles trap the sun's heat energy and in that way maintain a temperature which is suitable for life. But however the human activities have affected the atmosphere condition and are intensifying the green house effect, leading to climate change more rapidly than has been experienced before [1-9].

Global warming and change in the climatic condition now a day's taking place more drastically. It is becoming very difficult to keep the balance in the atmospheric condition.

## 2. Role of global warming in nature

There are a number of natural factors that are responsible for climate change. Such as continentals drift, changes taking place in solar output, variation in the earth orbit, volcanic eruptions, ocean currents, cosmic collision, the earth's tilt, comets and meteorites.

## 3. Man made global warming

The most important we cannot neglect the influence of humans on our environment. Since we appeared on this earth millions of years ago we have been affecting our environment. During those days the effect on climate was very small and negligible because of very low density of population. Now a day's population is increasing that leads a bad effect on climatic condition. The more and more land that was covered by the mankind to make a way for houses as well as for the other uses for construction purposes such as industries, transport and consumption.

The industrial revolution has tremendous effect on climate. The invention of the motor engine and increased burning of fossil fuels like a coal, oil and natural gas supply most of the energy which is needed to run vehicles generate electricity for industries, households etc. The energy sector is responsible for the emission of about  $\frac{3}{4}$  of carbon dioxide,  $\frac{1}{5}$  of methane and large amount of nitrous oxide along with this it also produces the nitrogen oxides and carbon monoxide. These dangerous gases are very harmful to the health [6-9].

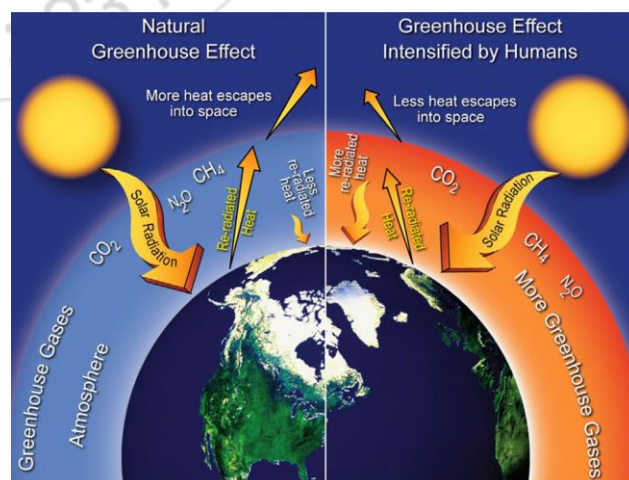


Figure 1: Natural and Manmade Greenhouse effect

### Steps to reduce the global warming

- Electricity: it is the main source of power in urban areas. All our daily gadgets run on electric power that is

generated mainly from thermal power plants. The thermal power plants run mainly on fossil fuels and it is responsible for emission of larger amount of greenhouse gases and other pollutants. Air conditioners should be reduced as an appliance of luxury. For this the installations of air conditioners should not be allowed in residential buildings.

- CFL and LED bulb: replace regular light bulb with compact fluorescent light (CFL) bulbs and LED bulbs. One 60 watt incandescent light bulb replaced by CFL bulb you can save \$30 over the life of the bulb. Use as much as light is required and turns off lights when you leave a room. Even turn off your television, computer and video player when not using them.
- Reduce plastics: we generate large quantities of waste in the form of plastics which remains in our environment for many years and cause the damage. We have to reduce the use of plastics in our daily life.
- Plant a tree and stop deforestation: In schools and offices we are using large amount of papers. For this number of trees are using in a day. For the construction of houses a large quantity of timber has been using that means large areas of forest have to be cut down. Stop deforestation and plant a tree. Trees and other plants absorb carbon dioxide during photosynthesis and gives off oxygen. During its lifetime a single tree can absorb approximately 1ton of carbon dioxide.
- Save water: washing the clothes, cleaning the your vehicles turn off the water until you actually need it for rinsing by doing this you not only save water even electricity will be saved.
- Cars driven by renewable energy sources should be introduced which in turns reduce the global warming. Walking and cycling are great form of exercise. Use your vehicles when it is needed because less drive means less emission of pollutants in our environment.

#### 4. Conclusion

The present paper is to describe about the cause for the global warming in nature and the influence of the humans on our climate. The man plays an important role in changing the climatic condition in nature which is very harmful. The precaution to be taken to reduce the global warming has been discussed in this paper from this we can conclude that it is our responsible to reduce the global warming and save our environment.

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