

Global warming is the latest alarm bell for earth's environment. Global warming refers to the increase in average temperature of earth's surface during the last century, from 1900-2000. Earth's surface's temperature has increased more than one degree Fahrenheit since 1900. Global warming is alarming because of its adverse effects on the ecological balance of earth. The resultant ecological imbalance, due to global warming, is the root cause of various natural calamities like floods, famines, etc. Also it is the root cause of various environmental threats like increase in sea level, glacier melting, changes in quantity and pattern of rainfall, heat waves, extreme seasons, etc. This is why global warming is the buzzword of almost all environmental talks, projects and discussions, etc.

Global warming is a threat to the very existence of life on earth. Not only human, but any other form of life, be it flora or fauna face a threat in the face of global warming. Hence, it has become the pungent need of the hour to root out the causes of this threatening phenomenon.

The most evident causes of global warming are industrialization, urbanization, deforestation, sophisticated human lifestyle and related human activities. These human activities and trends have led to increased emission of greenhouse gases like carbon dioxide, methane, nitrous oxide, etc. These gases in turn has led to an increase in average temperature of earth's surface, hence global warming history.

Greenhouse effect is a natural process wherein sunlight passes through atmosphere, warming earth's surface. Then, the earth's surface and water bodies release energy in form of heat or infrared radiations into atmosphere and maintains balance with the incoming energy. Greenhouse gases can absorb some of the infrared radiation. But increase in greenhouse gases has led to more absorption of infrared radiation which in turn has led to the increase of earth's surface temperature.

There is no doubt that the ever increasing phenomenon of global warming would lead to a total extinction of any form of life from earth's face. Global warming depletes the ozone layer and might lead us to the doom's day. It is a wake-up call for us to amend our ways of living to limit the use of products that contribute to the increase in global warming. For our sake and for existence of all life on our heavenly planet earth, it is the need of the hour that we make sincere efforts and attempts to contain the monster called 'global warming'.