



## Global warming – Causes, Effects & Solutions

### Description

#### Theme:

- The latest report from the UN Intergovernmental Panel on Climate Change (IPCC), which was released on 4th April 2022 mentioned that extreme steps are needed to prevent climate disaster.

#### What is Global warming:

- Global warming is heating up of earth due to the presence of CO<sub>2</sub> and other greenhouse gas emissions in the air. The greenhouse gases trap the sun's heat.

#### Causes of Global warming:

- Earth's temperature changes naturally over time. But due to man-made sources of greenhouse gas emissions, the earth's temperature is increasing continuously.
- Deforestation results in less availability of trees to absorb CO<sub>2</sub>, and hence more CO<sub>2</sub> in the atmosphere resulting in more trapping of the sun's heat.
- The burning of fossil fuels for several needs such as transportation, and power is increasing the share of greenhouse gases in the atmosphere.
- Rising materialism is resulting in more production, which releases greenhouse gases.
- Ever-increasing vehicles usage is increasing fossil fuels usage.

#### Effects of Global warming:

- Global warming is causing extreme weather. Winters are now colder and summers are hotter. It is also resulting in more natural disasters such as droughts, floods etc.
- Millions of people and birds are forced to migrate to other areas.
- The melting of ice is increasing the sea level. Moreover, more CO<sub>2</sub> in seawater is affecting marine life

- More pollutants in the air are causing several diseases in people.

### **Solutions to Global warming:**

- Using renewable energy sources such as solar energy, and wind energy as alternatives to burning fossil fuels can prevent further increases of greenhouse gases in the atmosphere.
- Planting more trees can result in the balance of CO2 in the atmosphere.
- Sustainable and eco-friendly living can reverse global warming.

### **Conclusion:**

Global warming is heating up of earth due to the presence of CO2 and other greenhouse gas emissions in the air. The greenhouse gases trap the sun's heat. Using renewable energy sources such as solar energy, and wind energy as alternatives to burning fossil fuels can prevent further increases of greenhouse gases in the atmosphere. Moreover, Sustainable and eco-friendly living can reverse global warming.

### **Your Turn...**

What are your thoughts on this topic? Express your point of view through the comment section below. And subscribe to our blog to read answers to the trending GD topics.

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### **References:**

- [What are the effects of global warming?](#)
  - [How to stop global warming?](#)
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