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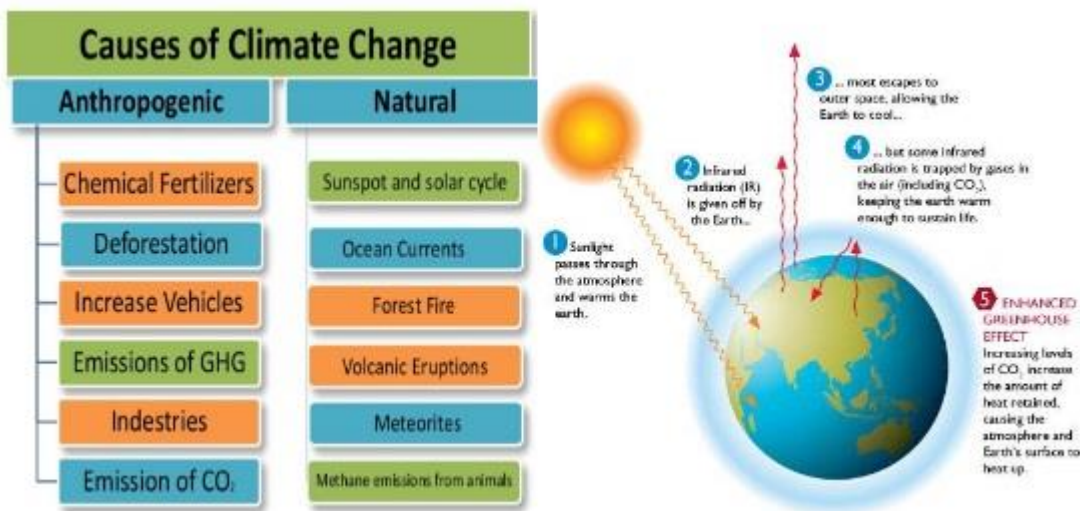
**Climate change**

**INTRODUCTION**

**GLOBAL WARMING AND CLIMATE CHANGE**

Climate change refers to long-term shifts in temperatures and weather patterns. These shifts may be natural, but since the 1800s, human activities have been the main driver of climate change, primarily due to the burning of fossil fuels (like coal, oil, and gas), which produces heat-trapping gases.

**Figure: Climate Change**



**Figure 12: Causes of Climate Change**



## **CASUES OF CLIMATE CHANGE**

- Warmer temperatures over time are changing weather patterns and disrupting the usual balance of nature. This poses many risks to human beings and all other forms of life on Earth.
- Changes in temperature cause changes in rainfall. This results in more severe and frequent storms. They cause flooding and landslides, destroying homes and communities, and costing billions of pounds.
- Water is becoming scarcer in more regions.
- Droughts can stir destructive sand and dust storms that can move billions of tons of sand across continents.
- Deserts are expanding, reducing land for changes in climate and increases in extreme weather events are among the reasons behind a global rise in hunger and poor nutrition.
- Fisheries crops, and livestock may be destroyed or become less productive. Heat stress can diminish water and grasslands for grazing.
- Rowing food. Many climates change increases the factors that put and keep people in poverty.
- Floods may sweep away urban slums, destroying homes and livelihoods. Heat can make it difficult to work in outdoor jobs.
- Weather-related disasters displace 23 million people a year, leaving many more vulnerable to poverty. People now face the threat of not having enough water on a regular basis.
- More frequent and intense droughts, storms, heat waves, rising sea levels, melting glaciers, and warming oceans can directly harm animals, destroy the places they live, and wreak havoc on people’s livelihoods and communities.

## **AWARENESS PROGRAMS**

- SAWS warnings
- Social media platforms
- Awareness campaigns

