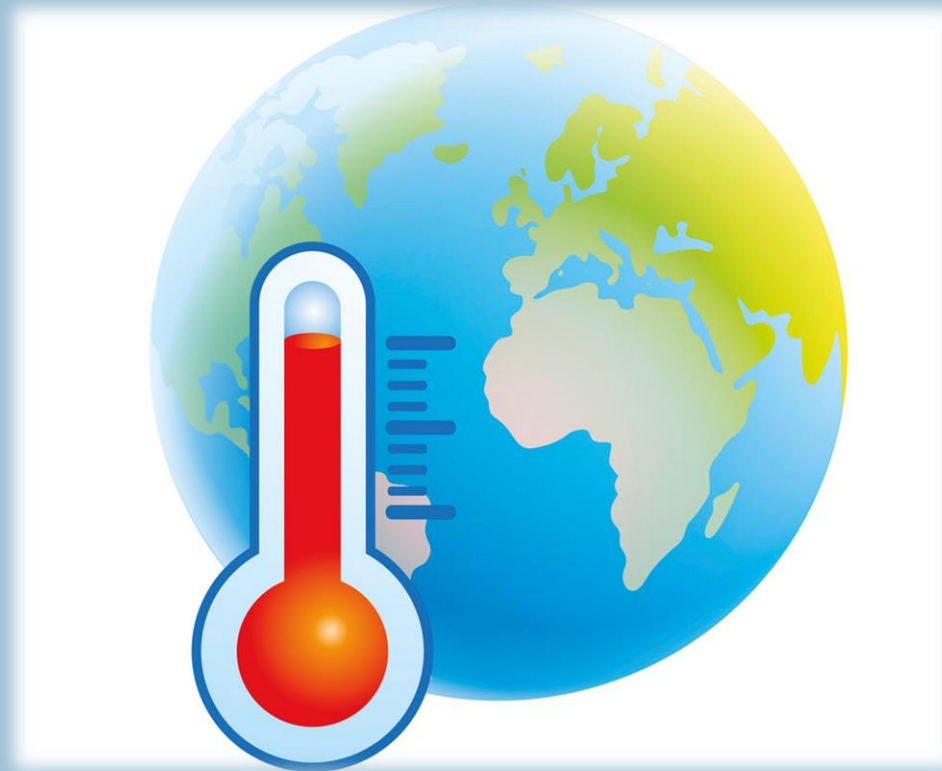




1st semester

Topic 19, 22: *SAVE THE EARTH. GLOBAL WARMING.*



WHAT IS GLOBAL WARMING?

Global warming refers to climate change that causes an increase in the average of Earth's temperature. Natural events and human influences are believed to be top contributions towards the increase in average temperatures. Global warming is a rise in the surface and atmospheric temperature of the earth that has changed various life forms on the earth. The issues that ascertain global warming are divided into two broad categories – “natural” and “human influences” of global warming.



NATURAL CAUSES OF GLOBAL WARMING

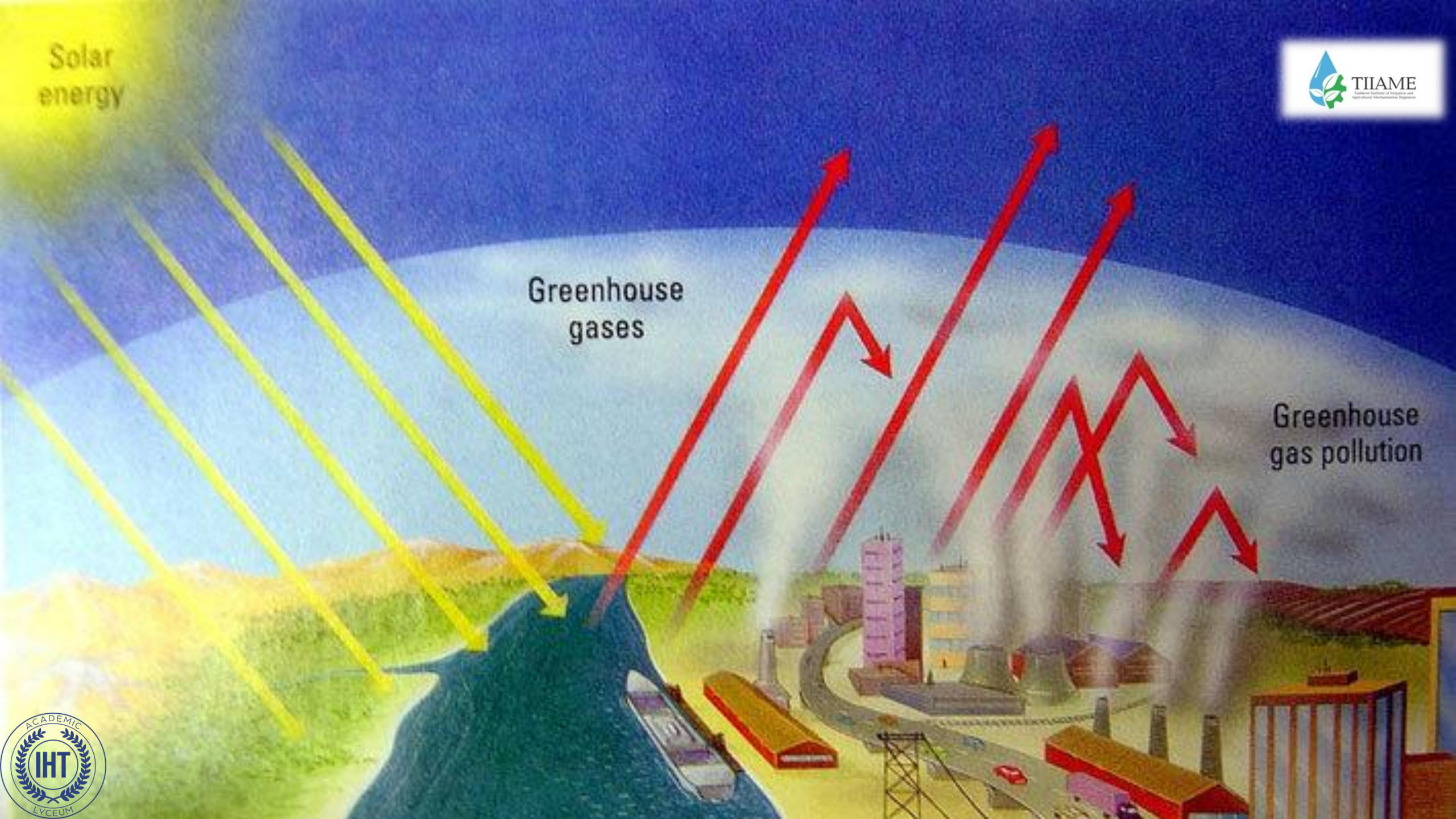
One natural cause of global warming is Greenhouse Gases. Greenhouse gases are carbon monoxide and sulphur dioxide. It traps the solar rays and prevents them from escaping the surface of the earth.

Methane is also a greenhouse gas. Methane is twenty times more effective in trapping heat in the atmosphere than carbon dioxide. Usually, methane gas is released from many areas like animal waste, landfill, natural gas, and others.

Solar energy

Greenhouse gases

Greenhouse gas pollution



NATURAL CAUSES OF GLOBAL WARMING

Deforestation is a human influence because human have been cutting down trees to produce paper, wood, build houses and more. Trees can absorb carbon dioxide from the atmosphere and their absence can lead to the concentration of such gases.





THE EFFECT OF GLOBAL WARMING

The impact that global warming is causing on earth is extremely serious. It includes melting of polar ice caps, leading to an increase in sea level drowning coastlines and slowly submerging continents. Recent studies by National Snow and Ice Datacenter “if the ice melted today the seas would rise about 230 feet”. Another effect is climate change leading to the extinction of various species. More hurricanes, cyclonic storms, heat waves, drought, and extreme rainfalls will occur causing disaster to humankind.



THE SOLUTION TO STOP GLOBAL WARMING

We humans need to work together towards the prevention of global warming. To reduce global warming we can contribute by reducing the production and concentration of greenhouse gases in the atmosphere. We need to curb usage of gasoline, electricity and other activities including mining and industrialization that cause global warming.





THE SOLUTION TO STOP GLOBAL WARMING



Another way to reduce global warming is through recycling. Recycling can help reduce open burning of garbage by reusing plastic bags, bottles, papers or glass. We need to stop open burning dry leaves or burning garbage.



Our generation needs to take care of the earth with immediate effect to safeguard future generations or they will suffer the consequences of global warming.



From today's theme, we can derive that our earth is "sick" and we humans need to "heal" it. Global Warming has already caused many problems for human and we need to prevent disasters of the future.

