

Course: BBA Part 1

Paper II

Topic: Global Warming

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Global Warming

Introduction

What is global warming? Global warming is the average temperature of Earth has increases since 1950 until now the temperature continuing increasing. Global warming can also refers to climate change that causes an increase in the average of temperature. However global warming are causes by natural events and human that are believed to be contribute to increase in average temperatures.

Causes of Global Warming

Global warming is a serious issue and is not a single issue but a number of environmental issues.

Global warming is a rise in the surface temperature of the earth that has changed various life

forms on the earth. The issues that cause global warming are divided into two categories include “natural” and “human influences” of global warming.

Natural Causes of Global Warming

The climate has continuously changing for centuries. The global warming happens because the natural rotation of the sun that changes the intensity of sunlight and moving closer to the earth.

Another cause of global warming is greenhouse gases. Greenhouse gases are carbon monoxide and sulphur dioxide it trap the solar heats rays and prevent it from escaping from the surface of the earth. This has cause the temperature of the earth increase.

Volcanic eruptions are another issue that causes global warming. For instance, a single volcanic eruption will release amount of carbon dioxide and ash to the atmosphere. Once carbon dioxide increase, the temperature of earth increase and greenhouse trap the solar radiations in the earth.

Finally, methane is another issue that causes global warming. Methane is also a greenhouse gas. Methane is more effective in trapping heat in the atmosphere that carbon dioxide by 20 times. Usually methane gas can release from many areas. For instance, it can be from cattle, landfill, natural gas, petroleum systems, coal mining, mobile explosion, or industrial waste process.

Human Influences on Global Warming

Human influence has been a very serious issue now because human do not take care the earth. Human that cause global warming are more than natural causes global warming. The earth has been changing for many years until now it is still changing because of modern lifestyle of

human. Human activities include industrial production, burning fossil fuel, mining, cattle rearing or deforestation.

First issue is industrial revolution. Industrial have been using fossil fuels for power machines. Everything that we use is involved in fossil fuel. For example, when we buy a mobile phone, the process of making mobile phone have involve machines and machines uses fossil fuels, during the process carbon dioxide is releasing to the atmosphere. Besides industrial, transportation such as cars is also releasing carbon dioxide from exhaust.

Another issue is mining. During the process of mining, the methane will trap below the earth. Besides, rearing cattle will also cause methane because cattle released the form of manure. However, cattle is important because it make the latter equally responsible for the occurrence of global warming

Next is the most common issue that is deforestation. Deforestation is a human influence because human have been cutting down trees to produce papers, wood, build houses or more. If human continuing deforestation, carbon dioxide will concentrate in the atmosphere because trees can absorb carbon dioxide from atmosphere. Besides, human also release carbon dioxide when breathe. Therefore the amounts of millions of people breath have release carbon dioxide to the atmosphere. If human continue deforestation, human breathing that release carbon dioxide will stay at the atmosphere.

The Effect of Global Warming

The greenhouse gases will stay in the atmosphere for many years since hundreds years ago. However, the effect that global warming will cause on earth are extremely serious. There are

many effects that will happen in the future if global warming continues. That includes polar ice caps melting, economic consequences, warmer waters and more hurricanes, spread of diseases and earthquake

First effect is polar ice caps melting. As the temperature increase, the ice at the North Pole will melt. Once the ice melt the first effect will be raise on sea levels because the melting glaciers become oceans. According to the National Snow and Ice Data Center “if the ice melted today the seas would rise about 230 feet”. It affects many low lying areas such as the Netherlands. In future, the Netherlands will be cover by water once the North Pole is melted. However, it is not going to happen so fast but the sea level will continue rise.