

University of Halabja
College of Humanities
Geography Department
Second Stage

A Seminar about (**Global warming**)

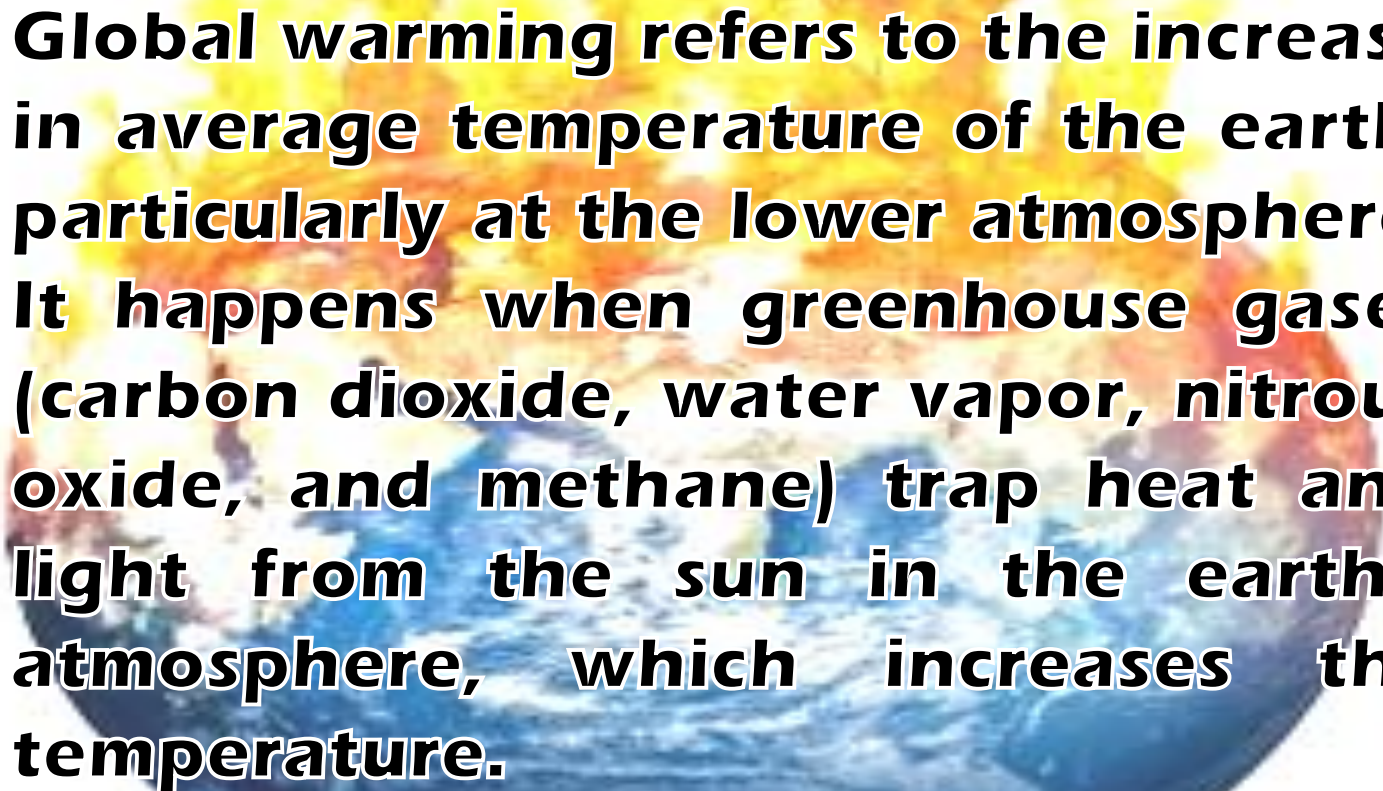
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A composite image of Earth with a red, hazy atmosphere and a dark, smoky base, symbolizing global warming. The Earth is shown from a perspective that includes the Americas, with a thick layer of dark smoke or ash rising from the bottom. The background is a gradient of red and orange, suggesting a hot, hazy sky. The text "GLOBAL WARMING" is overlaid in large, bold, white letters with a red outline.

GLOBAL WARMING

Global Warming

Global warming refers to the increase in average temperature of the earth, particularly at the lower atmosphere. It happens when greenhouse gases (carbon dioxide, water vapor, nitrous oxide, and methane) trap heat and light from the sun in the earth's atmosphere, which increases the temperature.



Main Cause of Global Warming:

The Green house gases are the main culprits of the global warming. Greenhouse gases trap heat in the earth's atmosphere which called greenhouse effect. Some greenhouse gases are present naturally in the atmosphere, whereas few green house gases a consequence of human activity. There are a few human activities, which increase the levels of the greenhouse gases. The concentration of various green house effect gases has substantially increased in the recent times.

Main greenhouse gases:

Carbon
Dioxide

Methane

Nitrous
Oxide

C.F.C

About green house gases:

Carbon Dioxide

- The major source of CO_2 is the green house . These emit large amount of CO_2 produced from green house of fossil fuels for the purpose of electricity generation. About 20% of CO_2 emitted in the atmosphere comes from burning of gasoline of the vehicles.

Methane

- Methane (CH_4) is 20 times as effectual as CO_2 at entrapping heat in the atmosphere. Methane is obtained from resources such as rice bacteria in bogs and fossil fuel manufacture.

Nitrous Oxide

- The main sources of Nitrous Oxide (N_2O) include nylon and nitric acid production, cars with catalytic converters, the use of fertilizers in agriculture and the burning of organic matter.

CFC

- The main sources of CFCs (Chlorofluorocarbons) are use of refrigerators, air conditioners and the production of spray and foam.

The approximate rate of greenhouse gases

Greenhouse gases	Approximate rate (%)	Annually increase (% per year)
Carbon Dioxide (CO ₂)	60	0.3-0.5
Methane (CH ₄)	20	2-4
Nitrous Oxide (N ₂ o)	6	0.2-0.3
CFC	14	1-5

Effects of Global Warming:

- Increase the average temperature of earth.
- Sea level increase and quantity of rainfall have been changed
- Occurrence of several climate events such as flood, famines, heat waves, tornados and twisters are increasing
- Various new diseases have emerged lately
- It causes irreversible change in the ecosystem and the behavior of animals



SIMPLE SOLUTIONS TO STOP GLOBAL WARMING:

- Use Environment Friendly Electrical Appliances
- Reduce the Use of Vehicles
- Plant More Trees
- Reduce, Reuse and Recycle
- Raise Your Voice



Save the beautiful earth





Thank you

1-<https://www.Google.com>.

2-https://en.wikipedia.org/wiki/Global_warming.