

CLIMATE CHANGE IS?

Climate change is a change in the "average weather". The effects include higher global temperatures, an increase in frequency and intensity of extreme weather events and related natural disasters, and severe impacts to the sustainability of ecosystems.

HOW WHY WHO



It's a reminder to us that we are ecologically interdependent.

Human activity takes place within ecological systems not bound by political frontiers

Scientific consensus links climate change mainly to emissions of carbon dioxide and other greenhouse gases from human activity such as

- the burning of fossil fuels,
- loss of forests,
- unsustainable production and consumption.

Greenhouse gases are emissions that rise into the atmosphere and trap the sun's energy, keeping heat from escaping

Burning fuels such as coal, natural gas and oil produces green house gases in excessive amount.

Solar radiation passes through the clear atmosphere.

Some radiation is reflected by the atmosphere and earth's surface.

Some of the infrared radiation is absorbed and re-emitted by the greenhouse gas molecules. The direct effect is the warming of the earth's surface

