

## GLOBAL WARMING DUE TO GENERATION OF GREENHOUSE GASES PRODUCING OZONE HOLES: ROLE OF EARTH SCIENTISTS AND ECONOMISTS IN SOLVING THE DETRIMENTAL EFFECT OF CLIMATE CHANGE

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*Since 1860, systematic rise of heat on the earth's surface and depletion of O<sub>3</sub> in ozone layer in the Earth's stratosphere by 4 %, has caused emissions of greenhouse gases such as CO<sub>2</sub>, CO, CH<sub>4</sub>, NO<sub>2</sub>, along with chloro-fluoro carbons since the industrial revolution in developed nations. Increase in cattle and human population, together with deforestation, urbanization, and use of fossil fuels for vehicles, etc., has had catastrophic effect on climate change. El Nino, a climatic phenomenon that originates in the tropical pacific regions leads to upwelling of warm ocean water in the central and eastern pacific region up to, Indonesia and beyond which causes drastic changes in the weather patterns for several years. This has caused terrestrial storms in Bangladesh and Sri Lanka (such as Bholá) causing destruction of a lot of properties. The cause of El Nino generation has to be determined carefully, by the weather scientists so that they can learn to control the emission of greenhouse gases and the climate change. The role of environmental scientist and economists have also been discussed elaborately.*

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