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EFFECT OF GLOBAL WARMING ON ENVIRONMENT

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Global warming is one of the most formidable challenges facing the mankind. Global warming as refer to earth climate changes as a result of external forces such as atmospheric greenhouse gas concentration . colcanic eruptions and variation in the orbit of earth around the sun . Global warming can be explained as increasing temperature of the earth`s near-surface air and oceans in recent decades and this process is in continuation. It is observed that during last hundered years ending, the average temperature of the world globe near the earth`s surface became 0.74+o. 18c(1.33+0.32F) . The U.N. agency, the intergovernmental panel on climate change (IPCC) has given comments "most of the observed increase in globally averaged temperatures since mid-twentieth century is very likely due to the observed increase in the anthropogenic greenhouse gas concentrations "through green house effect. The contribution due to the solar variation and volcanic eruption is small . On earth green gases are water vapour , carbondioxide, methon nitrous oxide and ozone . The greenhouse effect produced by them is water vapour 36-70%, ozone 3-7%, cabon dioxide 926% . methan 4-9% . If compound quantitatively at the molecular level, the methan is more effective greenhouse gas than carbon dioxide , but due to its smaller concentration its effect is only one fourth of that of carbon dioxide . Since the beginning of industrial revolution in the mid -1700 the atmospheric concentration of carbon dioxide and methane has increased by 31% and 149% respectively . These levels are much higher than at any time during the last 6,50,000 years, the period for which reliable data has been extracted from ice core. Fossil Fuel burning has been responsible for about three quarters of the increase in carbon dioxide from human activity over the past 20 years . An increase in temperature may in return cause broader climate change events such as more hurricanes , cyclones , snowstorm , heat waves, tornados, drought, and storm fed on weather. Increase in warm weather will result in melting of glaciers and caps which in return will raisethe ocean level cause flooding in coastal areas putting some cities in danger . Sea level flooding of coastal areas will increase in salinity and the crops will suffer . It is extimated that

I°c rise in temperature of bottom of sea level at North (Arctic Ocean) and south pole (Antartic Ocean) will attract king crabs and sharks but that will be a danger to the food chain of polar bear, penguins and walrus and will their existence in peril. Warmth in other rivers will promote breeding grounds for more insects and bacteria harmful to health.[1]

Global warming as a phenomenon affects all the nation and touches the whole humanity and it will stir up the plagues of malaria, dengue fever , Hantavirus and kidney stones. It will be quite interesting to know how global warming will impact the diet of people, because there are also many nutritional factors related to kidney stones, and climate change affects the nutrient composition of the plant that we grow and the animals that we eat. It is also desirable that the public awareness and compulsory education is taken as a mission for the mitigation of the effects of global warming . [2,3].

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