

Global warming and ozone layer depletion

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Global warming and ozone depletion are two global issues which need to address for betterment of human beings. Both are interrelated and affect one another. One of the major causes of global warming is the greenhouse gases which are released by natural as well as anthropogenic activities, form a layer in the atmosphere and trap the sun's radiation which in turn makes the planet warmer. This actually means that the heat which is supposed to be reflected back to the space is trapped within the troposphere. When this heat is trapped, it does cause the temperature in the troposphere to increase, but at the same time, it also causes the temperature of the stratosphere to decrease. As the temperature in the stratosphere falls, the ozone molecules in this layer become vulnerable to destruction by the harmful emissions. And therefore it is said that global warming, even though not directly, does play significant role in the depletion of the ozone layer. Ozone layer depletion fueled by falling temperature in the stratosphere can be termed as yet another hazardous effect of global warming on the earth. In this paper we will attempt to examine the relationship between global warming and ozone layer depletion, subsequently try to look at the possible solutions.

Biography

I am a research scholar pursuing PhD from Aligarh Muslim University, Aligarh(U.P.). I have done my post graduation in geography from A.M.U. and secured 70%. I have attended short term course on Remote Sensing and GIS which had held at BHU last month. Beside this, I have good computer knowledge and expertise in MS word, MS excel, Power point etc. My area of research is urban geography particularly on the 'trends and patterns of urbanization in Uttar Pradesh.