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SOME ASPECTS OF CLIMATE CHANGE WITH EMPHASISING ON REDUCING GREENHOUSE GAS EMISSIONS

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In recent decades, changes in climate have caused impacts on human and natural systems, such as human diseases and environmental problems. The aim of the present paper is to give an overview, over the past decades and up-to-date in the climate change and its impacts as well as global warming in general, it serves as an introduction assessing atmospheric concentrations of greenhouse gases (GHGs) and gives general background reviews on the environmental policies of reducing GHG emissions at international levels for the climatic and environmental changes. Influences of human on the climate and environmental systems are clearly and recently man-made (GHG) emissions globally are the largest in history. So, the earth's average temperature has been increasing since the industrial revolution. Therefore, meeting the Paris Agreement's climate objectives will require and needed drastic reductions in global GHG emissions and global transition towards decarbonisation of human activities, as well as moving towards a low-carbon economy of the future. At the same time, evidence of climate change impacts is clear and the problem will become more and more urgent as the GHG accumulation continues and the costs of damages and adaptation to climate change arise. So, an effective response to the climate change problem at global level requires both a concerted international response and national efforts to reduce GHG emissions as well as much more robust and effective action than it was before. Nevertheless, the EU and its Member States have decreased their emissions by 21% between 1990 and 2013, while GDP has increased by 45% over the same period and thus contributed to the overall positive EU performance as well as the EU has a range of policies to reduce emissions, promote clean energy and energy efficiency, and stimulate Europe's transition to a low-carbon economy.

Keywords: *Climate Change, GHG Emissions, Environmental Policy, Global Warming, CO_2*

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