

Enforce High Priority to Adapt and Mitigate Climate Change

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Abstract

In recent time, rapid industrialization and urbanization along with other anthropogenic activities have resulted in release of large amounts of solid wastes, liquid and gaseous effluents to our environment on this little planet resulting in global warming and climate change. The Green House gases like methane, carbon dioxide, chlorofluro carbon, oxides of sulphur and nitrogen etc., are mostly responsible for the climate change.

In this paper, an attempt has been made to highlight the effects of global warming and climate on ecosystem and biodiversity, human beings, agricultural production, water resource etc. In order to save all the living beings and the ecosystem from global warming and climate change, it is necessary to undertake various adapting and mitigation measures. In this regard, some adaptation and mitigation measures which are being implemented through developing appropriate technology have been highlighted. In order to adapt the climate change in various sectors of human activities and undertaking mitigation measures through reducing energy demand, using alternate sources of energy other than carbon based etc have been mentioned. The policy planning for adaptation climate change in India have been briefly described and discussed.

Keywords: Global warming, climate change, anthropogenic activities, effects of climate change, adaptation, mitigation measures, climate change projection for India, policy planning for adaptation.