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Food Security of Future to the Climate change

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Abstract—*Climate change and global warming is the greatest concern of mankind in 21st century. The global mean temperature could rise by 0.3^0 C to 4.8^{o}C due to trapping of heat by green house gases like CO_2, CH_4, and NO. Adverse climatic variability's draw attention of people towards a sustainable approach to mitigate against climate change to fulfils the increasing demand of the exploiting population. Due to increasing population, food security requires a sustainable strategy to mitigate the effect of climate. Climate change will influence crop adaptation, distribution and production and enhance the risks associated with agricultural activity. Adaption techniques may play a role in mitigating adverse Climate change effects. Crop based approaches include growing crops and varieties that fit into changed rainfall and season, development of varieties with changed duration that can over winter the transient effect of change . There is need to interacting approach for sustainable food security and enhance sustainable agricultural production for food security of future against the climate change.*

Keywords*: Food security, Global warming, sustainable agricultural, Expoliding population.*