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## **GREENHOUSE GASES EMANATION (GHGS), ENERGY UTILIZATION AND ECONOMIC GROWTH OF GROUP SEVEN (G7) COUNTRIES**

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### **ABSTRACT**

The basic idea of this research work started to understand the relationship between greenhouse gases emissions, energy utilization and economic growth of group seven (G7) countries. This concept was resultant by the recent issues of environmental degradation due to global warming and climate change. Based on the result indicated income level of group seven countries increasing gradually, the environmental quality first declines and improves further later goes weak subsequently. Hence the environmental quality of these countries will have ups and downs all the time and also at the end the environmental quality again goes weak. The result further indicate that, there is a long term effect with energy use and greenhouse gas emission. This shows that due to energy utilization the emission of greenhouse gases is high and the effect will be in long term manner.

**KEYWORDS:** greenhouse gases emissions, energy use, economic development, panel data models, Environmental Kuntz Curve

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