**The contribution of agriculture to the global warming process. A review**

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**Abstract**

Impacts of global warming are presently disputed. Nonetheless, most scinetists agree on ''indicators" of climate change which include increased global temperature, rise in sea level and increased atmospheric carbon dioxide. These increases are a result many factors, but mostly of anthropogenic origin. While scientists agree that over 50 percent of the pre-anthropogenic temperature variations are due to volcanic action and solar irradiance, evidence suggests that the 21st global temperature projections will exceed the natural variability established in the last 1000 years. This is a clear indication that human related activities including, agriculture, transportation, industrial processing, among others have immensely contributed to the global warming process. Global warming is known to negatively impact agriculture and a number of studies have reported its detrimental contribution to global food production. The agricultural industry has also led to emission of greenhouse gasses (GHGs), and further responsible for global warming. Limited recent work has estimated the holistic contribution of agriculture, crop and animal production, to global warming. These estimates will help delineate methods to improved food production systems that will diminish negative impacts on the environment. This paper reviews current literature and provides an estimate of the general contribution of agriculture to global warming. Scientific literature and FAO data on agricultural production processes that lead to the emission of GHG were used to compute associated percentages and their contribution to global warming.