



Emission-Free Kitchen for growing populations in Pakistan

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Abstract:

Fossil fuel combustion waste is the decay that is formed from the burning of fossil fuels which includes the burning of oil, natural gas or petroleum coke. It is also the combustion of the coal at electricity plants or the combustion of mixtures of coal and other fuels. At least fifty percent of what is being burning will be coal. This waste has been categorized as a federal hazard because of its effects and its state.

Burning fossil fuels, especially coal, is a dirty process. Incomplete combustion of coal and oil produces particulate matter. Heavier particulates produce an annoying dirty grit, and lighter particulates can be inhaled deeply and become a health hazard. In addition to the desired combustion of organic molecules, impurities such as sulfur also burn and produce potentially dangerous oxides. Since the air is made of 80% nitrogen, nitrogen is combusted along with the fuel at high temperatures, releasing nitrous oxides. Since fossil fuels are composed mainly of carbon by weight, all fossil fuels produce carbon dioxide when burned. In the atmosphere, the sulfur and nitrous oxides produce sulfuric acid and nitric acid, respectively, which can lead to acid rain.

Around 3 billion people cook using polluting open fires or simple stoves fuelled by kerosene, biomass (wood, animal dung and crop waste) and coal. Each year, close to 4 million people die prematurely from illness attributable to household air pollution from inefficient cooking practices using polluting stoves paired with solid fuels and kerosene.

Keywords: Fossil fuel, carbon , biomass, emission-free kitchen



[Emissions of air pollutants from Chinese cooking: A literature review](#)

[Emission of Carcinogenic Components from Commercial Kitchens in Hong Kong](#)

[Reduction of cooking energy and CO2 emission using heat retention cooker for rice cooking](#)

[Emission of black carbon from rural households kitchens and assessment of lifetime excess cancer risk in villages of North India](#)

Biography:

He have completed MS(Hons) in climate change from university of Agriculture Faisalabad, Pakistan. Now He is working as a research Assistant in Environmental sciences at COMSATS University, vehari campus. He have published many research and news paper during my graduation. Now, He is working on plastic pollution and emission free kitchen theme in his country.

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