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Key success factors for applying environmental management system and its role in pollution control

Air pollution can directly or indirectly affect human health, causing physical discomfort and leading to disease or even death. Studies have shown that when the human body is exposed to highly polluted air for a long time, the mortality rate increases. Furthermore, air pollution has become the fourth primary risk factor for all deaths after heart attack, dietary risk and smoking, according to the latest statistics. In recent years, there have been frequent haze weather events in many places where the air quality was mostly between 'moderate' and 'unhealthy for sensitive groups'. Studies show that under such air conditions, the mortality rate from cardiovascular and cerebrovascular diseases and the prevalence of asthma and respiratory diseases both increase. This paper's foremost objective focus on air pollutants classifications: Primary and Secondary defining its various sources like: Acid rains, Green House effect, Smog and its types, ...etc. The global greenhouse effect – also called global warming – concerns us now because atmospheric CO₂ concentrations are increasing faster than ever, and because most of the increase is due to industrial growth. Many scientists predict that unless we do something to impede global warming, it may: – Increase the number and intensity of dangerous heat waves – Increase severe storm activity – Damage certain crops – Raise the average sea level. These in turn will increase weather-related deaths, damage coastal cities and towns, and ruin coastal ecosystems. It is still hard to find a consensus on global warming. Different experts use different models and even different data sets. Some believe global warming is imminent and predict that it will cause catastrophic damage. Others are far less concerned. Until the science is more definitive, the global-warming debate will continue to be governed by Robinson's Rule of Expert Testimony: "For any given PhD, there is an equal and opposite PhD. While, the at-most objective of the paper will focus on applying Environmental Management system to control air pollution.

Biography

Bassem Nassouhy is a multi-skilled Consultant, International Speaker & Trainer in various field of business, with a proven track record in particular area of business expertise such as Environment, Health & Safety as well as waste management as an expert in those fields with PhD, MBA & various post-graduate diplomas as well as various international well recognized certifications with vast expertise based on +20 years of diversified experience with multinational groups JICA, Samil, EDF, Orascom, Lafarge, LafargeHolcim, EcoCem Industrial Ecology & Geocycle in different countries in addition to delivering during previous 15 years a part-time third party & voluntary consultancy, training based on international standards and presenting research papers in various international conferences. He has the experience with a proven track record of creating great lobbying in the community, particularly with governmental authorities in addition to various awards and recognitions particularly within GCC governmental authorities.

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