



AIR POLLUTION PREVENTION STUDIES FOR THE PETROLEUM INDUSTRY IN LIBYA

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ABSTRACT

The paper is designed to present a pollution prevention approach based upon a consistent emission accounting, estimating and reporting system being developed at Petroleum Research Center. The goal is to device problem free and prevention oriented administration of petroleum industry vital to build its image as a truly environmental friendly.

It is based on scenario building based upon prediction of air quality in real time. It examines alternative effective management measures to reduce pollution levels in hot spot areas. It is being achieved through integrating air quality models with real time information from pollutant concentration on hot spots and meteorological conditions.

Finally, some case studies are presented to highlights the need for future cooperative efforts among petroleum industry companies, regulators and other industries to address this important issue vital to meet international obligation envisaged in Climate Change Convention.