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INVENTORY OF ATMOSPHERIC EMISSION IN MALAYSIA : COMPUTATION OF DATA AND ESTIMATION FOR COMBUSTION IN INDUSTRY

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Abstract

Emission inventory is usually used for air quality modeling and air quality planning requires appropriate spatial and temporal resolution. Many emission inventories however, refer to nation or state wide totals for a period of one year. This paper will discuss about data and estimation combustion in industry base in Malaysia. The data like energy consumption and gasses (CO_2, N_2O, CH_4, and SO_2) that emit from combustion in industry is including in this paper. This paper will contain information about combustion and methodologies used for calculation of source emission for atmosphere pollutant are also discussed.

1. Objective

1. Collection of combustion and gas emission data from industry.
2. Study of method and calculating inventory.
3. Calculating of inventories.
4. Analysis of Data
5. Get the Emission inventories data for Malaysia in year 2001.

2. Introduction

Atmospheric source emission models supply one of the most important pieces of data requires by air quality dispersion models for reactive pollutant: the amount of the pollutant emitted in each point in space at a given moment, i.e. the emission inventory. Source emission models are also essential to estimate the emission of atmospheric pollutant in a given area: Their type, origin, amount emitted and distribution in time and