ESTIMATION COST OF EMISSION AND SO$_2$ CONCENTRATION FROM TRANSPORTATION SECTOR WITH DFLS MODEL
CASE STUDY SOUTH OF SURABAYA (GAYUNGSARI BARAT STREET)

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Abstract

Transportation is one of the greatest that generate of poluted issue producer. One of it is SO$_2$. SO$_2$ this was resulted by motor vehicle of half and half fuel which can cause disease if most human body deep precipitate.

This research was conducted at Gayungsari Bara Street which is at South of Surabaya with motor vehicle amount high enough. This research aims to see if this DFLS'S'S model can be applied deep objectly SO$_2$'s issue extrapolation. First phase which is does counting motor vehicle at clears a root that. Then accounted by issue charges by multiplies total that vehicle with issue factor from Suhadi. Hereafter gets to be accounted by SO$_2$'s concentration by notices wind aim, wind speed, and also the sun intensity. It is acquired from BLH so received by parameter point from Pasquil. So gets to be accounted by SO$_2$ concentration and projecting 10 forwards year.

The study showed the SO$_2$ concentration on Monday, May 2 2011 were 6,831 $\mu$g / m$^3$ and BLH'S compare point were 238,790 $\mu$g / m$^3$

Key word: Issue factor, Issue charges, SO$_2$, DFLS