

Estimasi Sebaran Keruangan Emisi Gas Buang Kendaraan Bermotor di Kota Semarang

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ABSTRACT

Transportation planning is needed to support the activities of urban socialize because not all life requirement made available where the people stay. As a result, people will do movement to fulfill their needs. The activity of transportation will produce some kinds of emissions such as carbon monoxide, hydrocarbon, nitrogen oxide, and other particulate. There are some factor which influence emission rate from motorized such as kind of fuel which used, the age of motorized, temperature threshold, and height. Semarang is one of metropolitan city in Indonesia which also experience using improvement of transportation service. Air quality in Semarang will be ugly progressively, to have an effect on health rate of socialize. Purpose this study is to depict the air pollution caused by motorized emissions in Semarang. Pollution rate in simply can visible from average daily traffic which resolute with fuel type and cylinder capacities.

Keyword: Traffic Volume; Gas Emissions; Air Pollution; Motorized; Semarang