

## **AIR QUALITY ISSUES IN THE ENVIRONMENTAL IMPACT STATEMENTS OF DEVELOPMENT PROJECTS**

W.A. Al Madhoun, **N.A. Ramli**, M.H. Isa, M.N. Adlan

*Universiti Sains Malaysia, School of Civil Engineering, Penang, Malaysia*

Air Quality Issues has important concerns because of the negative effects of air pollution on human beings and environment as well. This paper describes the result of a review of Air Quality Issue consideration in 50 Environmental Impact Statements (EIS) prepared for housing and recreational projects that have obtained the approval from the Department of Environment (DOE) - Malaysia. The results show that 56% of the studied reports need detailed assessment, in 38 % of the reports the monitoring methods were studied in good way, impact identification and prediction in 46% of the reports was addressed briefly and in 74% of the reports the mitigation measures were explained briefly. It can be concluded that more concern should also be given to the monitoring of other pollutants i.e. CO, CO<sub>2</sub>, NO<sub>2</sub>, and SO<sub>2</sub>; not only TSP. The DOE should determine standard mitigation measures for housing and recreational projects and should impose conditions on the proponent so that he will be committed to implementation of the mitigation measures. Keywords: AQIA, DOE, EIA, EIS, Housing, Recreational, Malaysia.