

**ENVIRONMENTAL IMPACT OF INDUSTRIAL
DEVELOPMENT ON WATER QUALITY
(ANALYSIS ON AQUATIC LIFE)**

by :

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ABSTRACT

Pollution is one of the major problems being faced by the country especially that involves rivers. A lot of talk and campaigns had been set up by the Government or Private Sectors in a awaring the public how important the prevention of rivers and aquatic life against pollution is rapid economic development tends to boost the industrialisation in the country and hance lead to excessive pollution due to the lack of awareness against pollution.

This thesis is a case study of Kelang River . Two rivers i.e. Kelang river and Kemesah river were chosen and comparison had been made based on their levels of pollution due to industrialisation and development . Kemesah river seen to be less affected by pollution as its location was far away from rapid development . Moreover , the forest in the vicinity of the kemesah river are being protected as it is used for recreational purposes.

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CHAPTER ONE

1.0 GENERAL

As Malaysia moves towards achieving fully industrialized status by the year 2020 , the rate of development is expected to continue its meteoric rise , unfortunately , the harsh reality of development is manifest in rapid urbanization and an increase in population density , which could result in a host environmental problems.

In line with the environmental pollution , a study was carried out on Malaysian rivers based on the effect of industrialization on the water quality and aquatic life. Two sites were chosen namely Kelang river and Kemesah river (Gombak) for the purpose of this study . The location and activity in the vicinity of these two rivers were highlighted as a function in determining the water quality parameters and hence its quality as well as the aquatic life.

It is necessary to assess the effect of discharges upon the river , to determine whether this discharge satisfies certain standards and carry out river survey for these purposes . River survey may be merely out of a routine character conducted to obtain an idea of the quality of the stream water at various points and under varying weather conditions , and if possible to assess the effect of the many pollution . Valuable information can be obtained providing a basis of comparison of the state of the stream at different seasons and at different years.