

HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

ENVIROMENTAL IMPACT ANALYSIS

C/817

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PROJECT REPORT

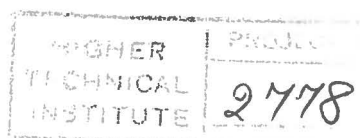
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DEDICATION

I would like to dedicate this project to my parents and thank them for their support and interest throughout my years of studies at the HIGHER TECHNICAL INSTITUTE of Cyprus, and to my sister for her help on this project.

ACKNOWLEDGEMENT

It is a great pleasure for me to be given the opportunity to thank all those people who helped in the completion of this project.

I would especially like to thank:

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SUMMARY

OBJECTIVES

1. Comments on Environmental Legislation.
2. To investigate and state the effect of development on the Environment.
3. To present Environmental Methodology.
4. To carry out an environmental impact analysis.

INTRODUCTION

For every developing nations to achieve higher standards of living involves deliberate modifications of the natural environment in order to reach economic objectives. The construction of dams, irrigation systems, industrial facilities and power plants and the process of implementing agricultural and rural development schemes can result in the degradation and destruction of life-supporting ecological systems and of natural resources. Associated with these unwanted impacts are threats to human health and to important sociocultural values. These effects vary widely in magnitude. They may end in irreversible damage. Unwanted environmental impacts may result from inadequate attention to environmental consequences at the project planning and design stage or from lack of knowledge and information necessary to predict them.

It is important therefore that all those involved in a proposed development have a clear understanding of the potential environmental, health and human ecological consequences done through research and study. With such knowledge it may be possible to avoid or mitigate serious unwanted impact or to promote positive consequences by incorporating appropriate measures into the project by redesigning or relocating.