

## TABLE OF CONTENTS

	Page
1.0 INTRODUCTION	
1.1 Background	1
1.2 Objectives Of The Research	3
1.3 Scope Of The Research	4
2.0 LITERATURE REVIEW	
2.1 Development Of The DSS/IPC System	6
2.2 Application Of The DSS/IPC System	8
2.3 Examples Of Application Of The DSS/IPC System	9
3.0 RESEARCH METHODOLOGY AND DATA COLLECTION	
3.1 Research Methodology	12
3.2 Use Of The DSS/IPC System	12
3.3 Implementation of the DSS/IPC System	13
3.4 Data Collection	15
3.5 Data Processing	17
4.0 ASSESSMENT OF PRIORITY INDUSTRIES AND POLLUTION LOADS	
4.1 Background	18
4.2 Organic Chemicals Industry	21
4.3 Inorganic Chemicals Industry	28
4.4 Plastic Resin Industries	34
4.5 Petroleum Refining Industry	40
4.6 Iron And Steel Industry	47
4.7 Pulp And Paper Industry	52
4.8 Nonferrous Metals Industry	61
4.9 Total Pollution Load Assessment	70
4.10 Some Comparative Data Sources	77
5.0 DISCUSSIONS AND CONCLUSIONS	
5.1 Discussion	81
5.2 Conclusion	85
BIBLIOGRAPHICAL REFERENCES	86
APPENDIX A LIST OF APPROVED EIA PROJECTS FOR THE INDUSTRIAL SECTOR IN MALAYSIA (1988 – 1998)	89
APPENDIX B DATA FILES IN THE DSS/IPC PACKAGE	109
APPENDIX C COMMON WASTE TREATMENT OPERATIONS	164
APPENDIX D DATASHEETS OF EIA PROJECTS: RESULTS OF POLLUTION LOAD ESTIMATES	180