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**A PLANNING APPROACH
FOR
ENVIRONMENTALLY SUSTAINABLE
AND
ECONOMICALLY VIABLE
SOLID WASTE MANAGEMENT
IN
URBAN AREAS**

**- A CASE STUDY OF SOLID WASTE MANAGEMENT IN GALLE
MUNICIPAL COUNCIL AREA**



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SYNOPSIS

- CHAPTER 1:** gives the general issues of solid waste management, its relationship to town and country planning and other general issues related to study such as objectives, scope, methodology and the process used for the study.
- CHAPTER 2:** is devoted to environment and solid waste management and is looked into with special reference to sustainable environment, human settlement planning and public participation.
- CHAPTER 3:** is devoted to technology of solid waste management which discusses the aspects such as elements of solid waste and its composition, solid waste generation, collection, transfer & transportation and of solid waste disposal methods. This chapter also discusses using of planning tools such threshold analysis and sieve map techniques in solid waste management.
- CHAPTER 4:** brings the  University of Moratuwa, Sri Lanka
Electronic Theses & Dissertations issues related to development planning and solid waste management with a view to integrating the solid waste management plan within the overall town development plan. Initially issues such as economic aspects including solid waste service charge and administration aspects are also discussed.
- CHAPTER 5:** is devoted to the detail analysis of the case study carried out in the Galle MC area which includes study of existing development plan, forecasting future trends of development, and preparation of a solid waste management plan for GMC with a view to integrate it with the development plan.
- CHAPTER 6:** gives the conclusions and recommendations of the study which includes national, regional and local level policy recommendations.



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ABBREVIATIONS

| | |
|------|--|
| CEA | - Central Environmental Authority |
| CEIP | - Colombo Environmental Improvement Project |
| GMC | - Galle Municipal Council |
| LA | - Local Authority |
| MC | - Municipal Council |
| MEIP | - Metropolitan Environmental Improvement Project |
| MT | - Metric Ton |
| NERO | - National Building Research Organisation |
| PS | - Padeseeya Saba |
| SWM | - Solid Waste Management |
| UC | - Urban Council |
| UDA | - Urban Development Authority |
| UN | - United Nation |



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