

TO REVIEW SOLID WASTE MANAGEMENT IN URBAN AREAS

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Abstract:

Solid waste management is one among the basic essential services provided by municipal authorities in the country to keep urban centers clean. Waste is littered all over, leading to insanitary living conditions. Municipal laws governing the urban local bodies do not have adequate provisions to deal effectively with the ever-growing problems of solid waste management. With rapid urbanization, the situation is becoming critical. The urban population has grown fivefold in the last six decades with 285.35 million people living in urban areas as per the 2001 Census.

Rapid population growth and urbanization in developing countries has led to people generating enormous quantities of solid waste and consequent environmental degradation. The waste is normally disposed in open dumps creating nuisance and environmental degradation. Solid wastes cause a major risk to public health and the environment. Management of solid wastes is important in order to minimize the adverse effects posed by their indiscriminate disposal. In this paper we are going to analyze Waste management of all activities and actions required to manage waste from its inception to its final disposal.

Keywords: Solid Waste, Hazardous Wastes, Urban or Municipal Wastes

Objectives of the study:

- To study the concept of Solid Waste Management.
- To analyze the significance of Solid waste management in smart cities.
- How solid waste management is reducing and eliminating adverse impacts of waste materials on human health and environment and how it supports economic development and superior quality of life.
- To study the solid Waste Management by Mathematical Model.

Introduction:

Solid waste refers all non-liquid wastes. Solid waste can create significant health problems and a very unpleasant living environment if not disposed safely and appropriately. It may also pollute water sources and the environment.