

# Waste Management, Waste Recycling, Waste Treatment & Waste disposal methods, Pollution Control

## Description:

Waste management is the collection, transport, processing or disposal, managing and monitoring of waste materials. The term usually relates to materials produced by human activity, and the process is generally undertaken to reduce their effect on health, the environment or aesthetics. Waste management is a distinct practice from resource recovery which focuses on delaying the rate of consumption of natural resources. The management of wastes treats all materials as a single class, whether solid, liquid, gaseous or radioactive substances, and tries to reduce the harmful environmental impacts of each through different methods. Rapid industrialization last few decades have led to the depletion of pollution of precious natural resources in India depletes and pollutes resources continuously. Further the rapid industrial developments have, led to the generation of huge quantities of hazardous wastes, which have further aggravated the environmental problems in the country by depleting and polluting natural resources. In fact, man today is caught in the vicious circle of increasing wants, declining resources and increasing waste being generated by the industries and municipalities is posing a problem of enormous dimensions. The domestic and industrial effluents are contributing in enhancing this problem. It might become the biggest problem if it is not dealt with immediately. Therefore, rational and sustainable utilization of natural resources and its protection from toxic releases is vital for sustainable socioeconomic development. Hazardous waste management is a new concept for most of the Asian countries including India. The utilization of resources and generation of waste is for beyond the limit that the biosphere was made to carry.

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**Keywords:** Technology book on Waste Management, waste management, Waste Recycling, Waste Treatment & Waste disposal methods, Pollution Control, Industrial Waste, Waste Water Technology, Water Pollution Control, Water Recycle & Product Recovery, Air Pollution Control, Abated Breath, Environmental Management System (EMS), Organic Acid Bearing Wastes, Aqueous Wastes, Alginate Industry Waste, Acid Charred Waste, Coke Fines, Cassia fistula (Amaltas) Etc.

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