

A STEP TOWARDS THE SMART CITY- SOLID WASTE MANAGEMENT

MONIKA SHEKHAR GUPTA

Assistant Professor, Amity School of Architecture and Planning, Gwalior, Madhya Pradesh, India

ABSTRACT

Solid waste could be a downside that has got to be properly managed so as to safeguard the human health and surroundings and preserve the natural resources. Several don't understand that solid wastes additionally create an exact impact on the climatical modification. The makers, users, distributors of the merchandise likewise because the disposal of the ensuing wastes all leads to emission of the part gases- "inexperienced House gases" that has affected the earth's surroundings to an oversized extent. Once the organic wastes decomposes on the landfills and uncontrolled it produces the alkane series gases one in every of the foremost inexperienced house gases tributary to a forceful modification within the encompassing climate and also the surroundings.

Topics coated include: the evolution of solid waste management; legislative trends and impacts; sources, types, composition and properties of municipal solid wastes; sources, sorts and properties of venturous wastes found in municipal solid waste; engineering principles of solid waste generation, collection, separation, storage, transport, process and transformation each at the supply and off-site; disposal of solid wastes and residual matter (landfills, lowland leachates and lowland gases); separation, transformation and employment of waste materials, as well as biological conversion technologies; closure, restoration and rehabilitation of landfills; and solid waste management and designing problems.

KEYWORDS: Solid Waste Management, Methods of Waste Management, Reuse, Recycle