

A Study on Solid Waste Management under UNEP and its Implications in Tamil Nadu

Blessy Rachel. J¹ and Chirag Dhiraj D²

B.A..LLB (hons), First Year¹

Saveetha School of Law, Saveetha Institute of Medical and Technical Sciences (SIMATS) , Chennai

blessyrachel11@gmail.com

Abstract: Across India, existing systems for the collection, transportation and disposal of solid waste are mired in chaos. The problem is more acute in the urban areas, where rapidly growing populations generate increasingly larger quantities of solid waste that urban local bodies (ULBs) are unable to manage effectively. Solid waste management (SWM) has emerged as one of the most massive development challenges in urban India. Numerous studies indicate that the unsafe disposal of waste generates dangerous gases and leachates, due to microbial decomposition, climate conditions, refuse characteristics and land-filling operations. According to the 12th Schedule of the 74th Constitution Amendment Act of 1992, urban local bodies (ULBs) are responsible for keeping cities and towns clean. Many Indian ULBs do receive government assistance, almost all of them continue to be financially fragile. India has already exhausted all available landfill sites, and the concerned ULBs do not have resources to acquire new land. The data was collected within Chennai by adopting the convenient sampling method and the sample size is 200. The used for the study is the structured questionnaire. The independent variable included in the study is age, gender, educational qualification, and occupation. Among the total of respondents 18% were male and 49 % were female. The objectives of the study are to study about the various solid waste management techniques, to know about the public opinion on various solid waste management missions enforced by the Government, to educate people on the concept of solid waste management and segregation of waste, to study the various reasons behind the hardships faced to enforce the idea of waste segregation. The main aim of the research is to analyze the efficiency of various solid waste management schemes and how it is implemented and to see how many individuals are aware of the concept of solid waste management.

Keywords: solid waste management, disposal, plastic, segregation

