

Waste Management A dire necessity

Dr Prof VH Sailaja

*IOCL-Chair Professor in Department of Environmental Sciences,
Andhra University.*

Abstract: Presently, there is an exponential growth in the quantity of waste generated globally due to the enhanced lifestyles, commercial & industrial developments and health concerns. This tremendous increase in solid waste is imposing serious challenges for the concerned authorities in addressing the waste. Unfortunately, most of the waste is either ending in landfills or incineration polluting the environment and life by the release of harmful pollutants. The present comprehensive study emphasizes the overwhelming waste problem, the existing addressal of waste management and the promising developments in its managing strategies. As the world's population is staggering the amount of waste is outpacing the developments to handle it. The municipalities/ authorities are deficient in adequate systems not only by the quantities but also due to the complexities of the waste. So, to walk towards sustainability countries have taken the circular economy pathway to efficiently tackle this problem, which to an extent would safeguard the environment and the health of the people. This new step has opened spawning business opportunities to effectively manage waste and provide cleaner living environments. The discussion in the conclusion states that governmental initiations, awareness programs and support to research organization in waste management studies play a vital role in handling and controlling the raising issue. The necessity of realization and action of the individuals is the most prioritized act which reduces the waste generation at the source which tails down the problem ultimately.

Keyword's: *Lifestyles, waste management, pollutants, sustainability, circular economy*