

SOLID WASTE MANAGEMENT- A REVIEW

Amit Kumar*

*Assistant Professor,

Department of Civil Engineering, Faculty of Engineering,

Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, INDIA

Email id: amit.engineering@tmu.ac.in

DOI: **10.5958/2249-877X.2021.00135.1**

ABSTRACT

It is well recognized that waste that is discarded can be reused in a variety of ways. The methods and practices of solid waste management in India are the subject of this paper. Solid waste management encompasses a wide range of waste kinds, including industrial, agricultural, transportation, municipal, and so on. Although all wastes are destructive, municipal solid trash (now referred to as Solid Waste) is the form of waste that may be effectively managed without polluting the environment or harming other species. The focus of this study is on municipal solid waste. Various strategies for managing solid waste have been described, ranging from organic composting to energy generation. As a result, reducing pollution to decrease the risk of ill health, preserve the environment, and improve our quality of life is an important part of sustainable development.

KEYWORDS: *Municipal, Organic, Pollution, Solid, Waste.*

REFERENCES

1. I. Adebayo Bello and M. N. bin Ismail, "Solid Waste Management in Africa: A Review," *Int. J. Waste Resour.*, 2016, doi: 10.4172/2252-5211.1000216.
2. A. Vitorino de Souza Melaré, S. Montenegro González, K. Faceli, and V. Casadei, "Technologies and decision support systems to aid solid-waste management: a systematic review," *Waste Management*. 2017, doi: 10.1016/j.wasman.2016.10.045.
3. R. Joshi and S. Ahmed, "Status and challenges of municipal solid waste management in India: A review," *Cogent Environmental Science*. 2016, doi: 10.1080/23311843.2016.1139434.
4. A. Pires, G. Martinho, and N. Bin Chang, "Solid waste management in European countries: A review of systems analysis techniques," *Journal of Environmental Management*. 2011, doi: 10.1016/j.jenvman.2010.11.024.
5. I. I. Innovative Research Publications, "Vermicomposting in Solid Waste Management: A Review," *Int. J. Sci. Eng. Technol.*, 2013.
6. M. Sharholly, K. Ahmad, G. Mahmood, and R. C. Trivedi, "Municipal solid waste management in Indian cities - A review," *Waste Manag.*, 2008, doi: 10.1016/j.wasman.2007.02.008.

7. A. Soltani, K. Hewage, B. Reza, and R. Sadiq, "Multiple stakeholders in multi-criteria decision-making in the context of municipal solid waste management: A review," *Waste Management*. 2015, doi: 10.1016/j.wasman.2014.09.010.
8. R. Joshi, G. R. Kale, and A. N. Vaidya, "Applications of pyrolysis for carbonaceous wastes in solid waste management – A mini-review," *Eur. J. Sci.*, 2018, doi: 10.29198/ejs1802.
9. A. C. Karmperis, K. Aravossis, I. P. Tatsiopoulos, and A. Sotirchos, "Decision support models for solid waste management: Review and game-theoretic approaches," *Waste Manag.*, 2013, doi: 10.1016/j.wasman.2013.01.017.
10. S. I. Pirani and H. A. Arafat, "Solid waste management in the hospitality industry: A review," *Journal of Environmental Management*. 2014, doi: 10.1016/j.jenvman.2014.07.038.