

References

- Abdel-Shafy, H. I., & Mansour, M. S. M. (2018). Solid waste issue: Sources, composition, disposal, recycling, and valorization. *Egyptian Journal of Petroleum*, 27(4), 1275–1290.
- Abdoli, M. A., Rezaei, M., & Hasanian, H. (2016). Integrated solid waste management in megacities. *Global Journal of Environmental Science and Management*, 2(3), 289-298.
- Ahsan, A., Alamgir, M., El-Sergany, M. M., Shams, S., Rowshon, M. K., & Daud, N. N. (2014). Assessment of municipal solid waste management system in a developing country. *Chinese Journal of Engineering*, 2014(12a), 1–11.
- Asam, Z. Z., Ajmal, M., Saeed, R., Miraj, H., Ahtisham, M. M., Hameed, B., & Nizami, A. S. (2018). An Integrated Solid Waste Management Strategy for Semi-Urban and Rural Areas of Pakistan. *International Journal of Environmental and Ecological Engineering*, 12(12), 762-766.
- Asefi, H., Shahparvari, S., & Chhetri, P. (2020). Advances in sustainable integrated solid waste management systems: Lessons learned over the decade 2007–2018. *Journal of Environmental Planning and Management*, 63(13), 2287–2312.
- Ayilara, M. S., Olanrewaju, O. S., Babalola, O. O., & Odeyemi, O. (2020). Waste management through composting: Challenges and potentials. *Sustainability*, 12(11), 4456.
- Badgie, D., Samah, M. A. A., Manaf, L. A., & Muda, A. B. (2012). Assessment of Municipal Solid Waste Composition in Malaysia: Management, Practice, and Challenges. *Polish Journal of Environmental Studies*, 21(3), 539–547.
- Bakhshoodeh, R., Alavi, N., Majlesi, M., & Paydary, P. (2017). Compost leachate treatment by a pilot-scale subsurface horizontal flow constructed wetland. *Ecological Engineering*, 105, 7-14.

- Bandara, N. J. (2008). Municipal solid waste management-The Sri Lankan case. *Proceedings of International Forestry and Environment Symposium*.
- Barker, A. V. (1997). Composition and uses of compost.
- Bekchanov, M., & Mirzabaev, A. (2018). Circular economy of composting in Sri Lanka: Opportunities and challenges for reducing waste related pollution and improving soil health. *Journal of Cleaner Production*, 202, 1107–1119.
- Bermejo, R. (2014). Handbook for a sustainable economy. *Springer*.
- Bharadwaj, A., Yadav, D., & Varshney, S. (2015). Non-Biodegradable waste-ITS impact & safe disposal. *International Journal of Advanced Engineering Science*, 3(1).
- Bilgili, M., Demir, A., & Ozkaya, B. (2007). Influence of Leachate Recirculation on Aerobic and Anaerobic Decomposition of Solid Wastes. *Journal of Hazardous Materials*, 143, 177–183.
- Bortoleto, A. P., & Hanaki, K. (2007). Report: Citizen participation as a part of integrated solid waste management: Porto Alegre case. *Waste Management & Research: The Journal for a Sustainable Circular Economy*, 25(3), 276–282.
- Bortoleto, A. P., Hanaki, K., & Aramaki, T. (2006). The Citizen Participation Inside The Integrated Solid Waste Management–Porto Alegre Case. *SOLID WASTE TECHNOLOGY AND MANAGEMENT*, 1079-1080.
- Brunner, P. H., & Rechberger, H. (2015). Waste to energy–key element for sustainable waste management. *Waste management*, 37, 3-12.
- Cardoso, J., Gomes, H. T., & Brito, P. (2019). Viability of the Use of Leachates from a Mechanical Biological Municipal Solid Waste Treatment Plant as Fertilizers. *Recycling*, 4(1), 8.
- Chen, D. M.-C., Bodirsky, B. L., Krueger, T., Mishra, A., & Popp, A. (2020). The world's growing municipal solid waste: Trends and impacts. *Environmental Research Letters*, 15(7), 074021.

- Chen, H., Jiang, W., Yang, Y., Yang, Y., & Man, X. (2015). Global trends of municipal solid waste research from 1997 to 2014 using bibliometric analysis. *Journal of the Air & Waste Management Association*, 65(10), 1161–1170.
- Chibinda, D. (2016). Municipal solid waste in a circular economy perspective.
- Coffey, M., & Coad, A. (2010). *Collection of municipal solid waste in developing countries*. UN-Habitat, United Nations Human Settlements Programme.
- Cohen, B. (2004). Urban Growth in Developing Countries: A Review of Current Trends and a Caution Regarding Existing Forecasts. *World Development*, 32(1), 23–51.
- Dissanayake, L. (2011). UNFPA State of the World Population Report 2011.
- Dumlao-Tan, M. I., & Halog, A. (2017). Moving towards a circular economy in solid waste management: Concepts and practices. In *Advances in Solid and Hazardous Waste Management*, 29-48.
- Fagariba, C. J., & Song, S. (2016). Assessment of impediments and factors affecting waste management: A case of accra metropolis.
- Fernando, R. L. S. (2019). Solid waste management of local governments in the Western Province of Sri Lanka: An implementation analysis. *Waste Management*, 84, 194-203.
- Gabhane, J., William, S. P., Bidyadhar, R., Bhilawe, P., Anand, D., Vaidya, A. N., & Wate, S. R. (2012). Additives aided composting of green waste: Effects on organic matter degradation, compost maturity, and quality of the finished compost. *Bioresource technology*, 114, 382-388.
- Ghisellini, P., Cialani, C., & Ulgiati, S. (2016). A review on circular economy: The expected transition to a balanced interplay of environmental and economic systems. *Journal of Cleaner Production*, 114, 11–32.

Grant, B. L. (2021). Calcium Nitrate Fertilizer – What Does Calcium Nitrate Do For Plants.

Hardoy, J. E., Mitlin, D., & Satterthwaite, D. (2013). Environmental problems in an urbanizing world: finding solutions in cities in Africa, Asia and Latin America. Routledge.

Hashemi, H., Jasemi Zad, T., Derakhshan, Z., & Ebrahimi, A. A. (2017). Determination of Sequencing Batch Reactor (SBR) Performance in Treatment of Composting Plant Leachate. *Health Scope*, 6(3), Article 3.

Hazra, T., & Goel, S. (2009). Solid waste management in Kolkata, India: Practices and challenges. *Waste Management*, 29, 470-478.

He, X. S., Xi, B. D., Zhang, Z. Y., Gao, R. T., Tan, W. B., Cui, D. Y., & Yuan, Y. (2015). Composition, removal, redox, and metal complexation properties of dissolved organic nitrogen in composting leachates. *Journal of hazardous materials*, 283, 227-233.

Henry, R. K., Yongsheng, Z., & Jun, D. (2006). Municipal solid waste management challenges in developing countries – Kenyan case study. *Waste Management*, 26(1), 92–100.

Herity, L. (2003). A study of the quality of waste derived compost in Ireland. *Composting Association of Ireland TEO*.

Higa, T. (2000). What is EM technology. *EM World Journal*, 1, 1–6.

Ilic, M., & Nikolic, M. (2016). Drivers for development of circular economy – A case study of Serbia. *Habitat International*, 56, 191–200.

Indian Farmers Fertilizer Cooperative Limited (IFFCO) (2016).

Islam, R., Nazifa, T. H., Yuniarto, A., Uddin, A. S., Salmiati, S., & Shahid, S. (2019). An empirical study of construction and demolition waste generation and implication of recycling. *Waste Management*, 95, 10-21.

Jain, S., Singhal, S., & Jain, N. K. (2021). Construction and demolition waste (C&DW) in India: generation rate and implications of C&DW recycling. *International Journal of Construction Management*, 21(3), 261-270.

Jayaweera, M., Gunawardana, B., Gunawardana, M., Karunawardena, A., Dias, V., Premasiri, S., Dissanayake, J., Manatunge, J., Wijeratne, N., Karunaratne, D., & Thilakasiri, S. (2019). Management of municipal solid waste open dumps immediately after the collapse: An integrated approach from Meethotamulla open dump, Sri Lanka. *Waste Management*, 95, 227-240.

Jiang, T., Ma, X., Tang, Q., Yang, J., Li, G., & Schuchardt, F. (2016). Combined use of nitrification inhibitor and struvite crystallization to reduce the NH₃ and N₂O emissions during composting. *Bioresource technology*, 217, 210-218.

Karunaratna, A., Lokuliyana, M., & Lee, D.-H. (2013). Municipal solid waste management in Sri Lanka: Highlights and lesson learned from a capacity assessment. *International Conference on Solid Waste (ICSWHK2013)*, 5, 9.

Karunaratne, H. M. L. P. (2015). Municipal solid waste management (MSWM) in Sri Lanka. In *Proceedings of the National Symposium on Real Estate Management and Valuation*, 113-126.

Katiyar, R. B., Suresh, S., & Sharma, A. K. (2013). Characterisation of municipal solid waste generated by the city of Bhopal, India. *International Journal of ChemTech Research*, 5(2), 623–628.

Kavazanjian, E., Matasovic, N., Bonaparte, R., & Schmertmann, G. R. (1995). Evaluation of MSW properties for seismic analysis. *Proceedings of the Specialty Conference on Geotechnical Practice in Waste Disposal. Part 1 (of 2)*, 1126–1141.

Kaza, S., Yao, L., Bhada-Tata, P., & Van Woerden, F. (2018). *What a waste 2.0: a global snapshot of solid waste management to 2050*. World Bank Publications.

- Khandelwal, H., Dhar, H., Thalla, A. K., & Kumar, S. (2019). Application of life cycle assessment in municipal solid waste management: A worldwide critical review. *Journal of Cleaner Production*, *209*, 630-654.
- Khater, E. (2015). Some physical and chemical properties of compost. *International Journal of Waste Resources*, *5*, 1-5.
- Kissel, D. E., & Sonon, L. S. (2008). Soil test handbook for Georgia.
- Konteh, F. H. (2009). Urban sanitation and health in the developing world: Reminiscing the nineteenth century industrial nations. *Health & Place*, *15*(1), 69–78.
- Liu, J., Zhong, J., Wang, Y., Liu, Q., Qian, G., Zhong, L., Guo, R., Zhang, P., & Xu, Z. P. (2010). Effective bio-treatment of fresh leachate from pretreated municipal solid waste in an expanded granular sludge bed bioreactor. *Bioresource Technology*, *101*(5), 1447–1452.
- Liu, Q., Chen, W., Zhang, X., Yu, L., Zhou, J., Xu, Y., & Qian, G. (2015). Phosphate enhancing fermentative hydrogen production from substrate with municipal solid waste composting leachate as a nutrient. *Bioresource Technology*, *190*, 431–437.
- Marshall, R. E., & Farahbakhsh, K. (2013). Systems approaches to integrated solid waste management in developing countries. *Waste management*, *33*(4), 988-1003.
- Melikoglu, M. (2013). Vision 2023: Assessing the feasibility of electricity and biogas production from municipal solid waste in Turkey. *Renewable and Sustainable Energy Reviews*, *19*, 52-63.
- Memon, M. A. (2010). Integrated solid waste management based on the 3R approach. *Journal of Material Cycles and Waste Management*, *12*(1), 30–40.
- Mengel, D. B. (1986). Types and uses of nitrogen fertilizers for crop production. AY-204.

- Noufal, M. J., Maalla, Z. A., & Adipah, S. (2020). Challenges and opportunities of municipal solid waste management system in Homs city, Syria. In *Proceedings of the Institution of Civil Engineers-Waste and Resource Management*, 173(2), 40-53.
- OECD. (2005). *OECD Environmental Performance Reviews: Czech Republic*. OECD.
- Pandyaswargo, A., & Dickella, P. (2014). Financial sustainability of modern composting: The economically optimal scale for municipal waste composting plant in developing Asia. *International Journal of Recycling of Organic Waste in Agriculture*, 3, 1–14.
- Pariatamby, A., Shahul Hamid, F., & Bhatti, M. S. (Eds.). (2020). *Sustainable Waste Management Challenges in Developing Countries*. IGI Global.
- Patel, N. (2003). *Municipal Solid Waste and its Role in Sustainability: A Position Paper Prepared by IEA Bioenergy*. IEA Bioenergy. Oxford, UK.
- Rai, R. K., Nepal, M., Khadayat, M. S., & Bhardwaj, B. (2019). Improving municipal solid waste collection services in developing countries: A case of Bharatpur Metropolitan City, Nepal. *Sustainability*, 11(11), 3010.
- Richard, T. L. (1992). Municipal solid waste composting: physical and biological processing. *Biomass and Bioenergy*, 3(3-4), 163-180.
- Robinson Jr, G. R., Menzie, W. D., & Hyun, H. (2004). Recycling of construction debris as aggregate in the Mid-Atlantic Region, USA. *Resources, Conservation and Recycling*, 42(3), 275-294.
- Romero, C., Ramos, P., Costa, C., & Márquez, M. C. (2013). Raw and digested municipal waste compost leachate as potential fertilizer: Comparison with a commercial fertilizer. *Journal of Cleaner Production*, 59, 73–78.
- Saja, A. M. A., Zimar, A. M. Z., & Junaideen, S. M. (2021). Municipal Solid Waste Management Practices and Challenges in the Southeastern Coastal Cities of Sri Lanka. *Sustainability*, 13, 4556.

- Salguero-Puerta, L., Leyva-Díaz, J. C., Cortés-García, F. J., & Molina-Moreno, V. (2019). Sustainability Indicators Concerning Waste Management for Implementation of the Circular Economy Model on the University of Lome (Togo) Campus. *International Journal of Environmental Research and Public Health*, 16(12), 2234.
- Samarasinghe, K., Pawan Kumar, S., & Visvanathan, C. (2021). Evaluation of circular economy potential of plastic waste in Sri Lanka. *Environmental Quality Management*.
- Sanadi, N. F. A., Van, F. Y., Lee, C. T., Ibrahim, N., Li, C., Gao, Y., Ong, P.Y. & Klemeš, J. J. (2019). Nutrient in leachate of biowaste compost and its availability for plants. *Chemical Engineering*, 76(10.3303).
- Scheinberg, A., Wilson, D. C., & Rodic-Wiersma, L. (2010). Solid waste management in the world's cities.
- Schneider, P., Le Hung, A., Wagner, J., Reichenbach, J., & Hebner, A. (2017). Solid Waste Management in Ho Chi Minh City, Vietnam: Moving towards a Circular Economy? *Sustainability*, 9, 286.
- Schübeler, P., Christen, J., & Wehrle, K. (1996). *Conceptual framework for municipal solid waste management in low-income countries* (Vol. 9). St. Gallen: SKAT (Swiss Center for Development Cooperation).
- Sharma, K. D., & Jain, S. (2020). Municipal solid waste generation, composition, and management: The global scenario. *Social Responsibility Journal*, 16(6), 917–948.
- Shukor, F. S. A., Mohammed, A. H., Sani, S. I. A., & Awang, M. (2011, June). A review on the success factors for community participation in solid waste management. In *Proceeding of International Conference on Management (ICM, 2011)*. Penang, Malaysia.
- Soos, R., & RWA Group. (n.d.). *Financial Aspects of Solid Waste Management*. 20.

- Sörme, L., Voxberg, E., Rosenlund, J., Jensen, S., & Augustsson, A. (2019). Coloured Plastic Bags for Kerbside Collection of Waste from Households—To Improve Waste Recycling. *Recycling*, 4, 20.
- Starovoytova, D., & Namango, S. (2018). Solid waste management at university campus (Part 4/10): Perceptions, attitudes, and practices of students and vendors. *Journal of Environment and Earth Science*, 8, 2224–3216.
- Su, B., Heshmati, A., Geng, Y., & Yu, X. (2013). A review of the circular economy in China: Moving from rhetoric to implementation. *Journal of Cleaner Production*, 42, 215–227.
- Tacoli, C. (2012). *Urbanization, gender and urban poverty: paid work and unpaid carework in the city* (p. 48). Human Settlements Group, International Institute for Environment and Development.
- Thompson, R. C., Moore, C. J., Vom Saal, F. S., & Swan, S. H. (2009). Plastics, the environment and human health: current consensus and future trends. *Philosophical transactions of the royal society B: biological sciences*, 364(1526), 2153-2166.
- Trinh, L. T. K., Hu, A. H., & Pham Phu, S. T. (2021). Situation, Challenges, and Solutions of Policy Implementation on Municipal Waste Management in Vietnam toward Sustainability. *Sustainability*, 13(6), 3517.
- United Nations Environmental Programme. (2009). *DEVELOPING INTEGRATED SOLID WASTE MANAGEMENT PLAN TRAINING MANUAL Volume 4: ISWM Plan*.
- Vallero, D. (2019). *Air pollution calculations: Quantifying pollutant formation, transport, transformation, fate and risks*. Elsevier.
- Vidanaarachchi, C. K., Yuen, S. T., & Pilapitiya, S. (2006). Municipal solid waste management in the Southern Province of Sri Lanka: Problems, issues and challenges. *Waste management*, 26(8), 920-930.

- Wagner, M., & Lambert, S. (2018). *Freshwater microplastics: emerging environmental contaminants?* (p. 303). Springer Nature.
- Wilson, D. C. (2007). Development drivers for waste management. *Waste Management & Research*, 25(3), 198-207.
- Wilson, D., Velis, C., & Rodic, L. (2013). Integrated sustainable waste management in developing countries. *Waste and Resource Management*, 166(2), 52-68.
- Winkler, H. (2011). Closed-loop production systems—A sustainable supply chain approach. *CIRP Journal of Manufacturing Science and Technology*, 4, 243–246.
- World Bank. (2018). *What a waste 2.0: a global snapshot of solid waste management to 2050*.
- Yay, E., & Suna, A. (2015). Application of life cycle assessment (LCA) for municipal solid waste management: A case study of Sakarya. *Journal of Cleaner Production*, 94, 284–293.
- Yhdego, M., & Kingu, A. (2016). Solid Waste Management in Urban Centers of Tanzania. Leapfrogging Towards a Circular Economy. *Affil. Environ. Resour. Consult*, 1.
- Yousif, D. F., & Scott, S. (2007). Governing solid waste management in Mazatenango, Guatemala. *International Development Planning Review*, 29(4), 433–450.
- Zand, A. D., Heir, A. V., & Tabrizi, A. M. (2020). Investigation of knowledge, attitude, and practice of Tehranian women apropos of reducing, reusing, recycling, and recovery of urban solid waste. *Environmental Monitoring and Assessment*, 192(7), 13.
- Zarate, M. A., Slotnick, J., & Ramos, M. (2008). Capacity building in rural Guatemala by implementing a solid waste management program. *Waste Management*, 28(12), 2542–2551.
- Zurbruegg, C. (2003). Solid Waste Management in Developing Countries: A Sourcebook for Policy Makers and Practitioners: EAWAG. *SANDEC report*.