

7. REFERENCES

- Amarasinghe, A.A.D.C., Bandara, B.M.P.N., Ranaweera, R.K.M.D.S.H., Samarasinghe, R.G.S.B., Silva, B.M.P.D.K.R., & Udara, S.P.R.A. (2020). Plastic waste management in Sri Lanka. *Journal of Research Technology and Engineering*, 1(1), 28-37. <https://www.researchgate.net/publication/338898102>
- Arachchige, U., Vithanage, D., Wadanambi, R., & P R Arachchige, U. S. (2019). Environmental impacts of textile industry in Sri Lanka. *International Journal of Scientific & Technology Research*, 8(8), 251253. <http://dr.lib.sjp.ac.lk/bitstream/handle/123456789/11500/Environmental%20Impacts%20Of%20Textile.pdf?sequence=1&isAllowed=y>
- Basnayake, B. & Visvanathan, C. (2014). Solid Waste Management in Sri Lanka. 10.1007/978-981-4451-73-4_15.
- Briassoulis, D., Babou, E., Hiskakis, M., Scarascia, G., Picuno, P., Guarde, D., & Déjean, C. (2013). Review, mapping and analysis of the agricultural plastic waste generation and consolidation in Europe. *Waste Management & Research*, 31(12), 1262-1278. <https://doi.org/10.1177/0734242x13507968>
- Brooks, A. L., Wang, S., & Jambeck, J. R. (2018). The Chinese import ban and its impact on global plastic waste trade. *Science Advances*, 4(6). <https://doi.org/10.1126/sciadv.aat0131>

- Centre for Environmental Justice (2021). Plastic Waste Management Country Situation Report- Sri Lanka, chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/ [https:// ipen.org/ sites/ default/ files/ documents/plastic_waste_management_in_sri_lanka.pdf](https://ipen.org/sites/default/files/documents/plastic_waste_management_in_sri_lanka.pdf)
- Central Bank of Sri Lanka. (2013). *Sri Lanka socio-economic data- 2013*. ISSN : 1391 – 3557 [https:// www. cbsl .gov .lk / sites / default /files/ cbslweb documents /statistics/Sri Lanka %20Socio Eco](https://www.cbsl.gov.lk/sites/default/files/cbslweb_documents/statistics/Sri_Lanka_%20Socio_Eco)
- Osterath, B. (2020). Cracken oder Einschmelzen. *Nachrichten Aus Der Chemie*, 68(2), 22–25. <https://doi.org/10.1002/nadc.20204095088>
- Darlington, M., Downen, S., & Downen, J. (2022, July 28). *Why burning plastic won't solve the plastic crisis*. Greenpeace UK. [https://www .greenpeace .org.uk/news/incineration-burning-plastic-crisis/](https://www.greenpeace.org.uk/news/incineration-burning-plastic-crisis/)
- De Souza Machado, A. A., Zarfl, C., Rehse, S., & Kloas, W. (2017). Low-dose effects: Nonmonotonic responses for the toxicity of a *Bacillus Thuringiensis* biocide to *Daphnia Magna*. *Environmental Science & Technology*, 51(3), 1679–1686. <https://doi.org/10.1021/acs.est.6b03056>
- Dharmadasa, W. L. S. S., Andrady, A. L., Kumara, P. B. T. P., Maes, T., & Gangabadage, C. S. (2021). Microplastic pollution in marine protected areas of Southern Sri Lanka. *Marine Pollution Bulletin*, 168, 112462. <https://doi.org/10.1016/j.marpolbul.2021.112462>

- Dheerasinghe, R. (2009). Garment industry in Sri Lanka: Challenges, prospects and strategies. *Staff Studies*, 33(1), 33-72. <https://doi.org/10.4038/ss.v33i1.1246>
- Dhokhikah, Y., & Trihadiningrum, Y. (2012). Solid waste management in Asian developing countries: Challenges and opportunities. *Journal of Applied Environmental and Biological Sciences*, 2(7), 329–335. Solid waste management in Asian developing countries: Challenges and opportunities (researchgate.net)
- Dilshani, A. K. D. N., Praveeni, S. M. N., & Fernando, Y. (2019). Effect of solid waste management practices on the operational performance of apparel industry in Sri Lanka. *14th International Research Conference on Management & Finance (IRCMF)*. 317-340. <https://www.researchgate.net/publication/352840717>
- Environmental Management Framework (EMF). (2017). [worldbank.org. https://documents1.worldbank.org/curated/en/445181516940824984/pdf/SFG4010-EA-P163977-PUBLIC-Disclosed-1-25-2018.pdf](https://documents1.worldbank.org/curated/en/445181516940824984/pdf/SFG4010-EA-P163977-PUBLIC-Disclosed-1-25-2018.pdf)
- Everaert, G., De Rijcke, M., Lonneville, B., Janssen, C. R., Backhaus, T., Mees, J., Van Sebille, E., Koelmans, A. A., Catarino, A. I., & Vandegehuchte, M. (2020). Risks of floating microplastic in the global ocean. *Environmental Pollution*, 267, 115499. <https://doi.org/10.1016/j.envpol.2020.115499>

- Geyer, R., Jambeck, J. R., & Law, K. L. (2017). Production, use, and fate of all plastics ever made. *Science Advances*, 3(7). <https://doi.org/10.1126/sciadv.1700782>
- Global plastic production 2021* (2023, September 20). Statista. <https://www.statista.com/statistics/282732/global-production-of-plastics-since-1950/>
- Greenpeace. (2003, August 18). *PVC: The poison plastic*. Greenpeace.org. <https://www.greenpeace.org/usa/wp-content/uploads/legacy/Global/usa/report/2009/4/pvc-the-poison-plastic.html>
- Gunaratna, D. N. J. C. J. (2012). *Analysis on future trends of plastic recycling in Sri Lanka*. [Master's thesis, University of Sri Jayewardenepura]. <http://dr.lib.sjp.ac.lk/bitstream/handle/123456789/4337/Analysis%20on%20future%20trends%20of%20plastic%20recycling%20in%20Sri%20Lanka-001-015.pdf?sequence=6>
- Hamza, M. (2019, November 12). Sri Lanka recycling 30-pct of waste plastic, producing apparel, exports. *Economynext*. <https://economynext.com/sri-lanka-recycling-30-pct-of-waste-plastic-producing-apparel-exports-31521/>
- He, D., Bristow, K., Filipović, V., Lv, J., & He, H. (2020). Microplastics in terrestrial ecosystems: A scientometric analysis. *Sustainability*, 12(20), 8739. <https://doi.org/10.3390/su12208739>

- Hikmath, J. T., & Arachchige, U. S. P. R. (2020). Future strategies in plastic waste management in Sri Lanka. *Journal of Research Technology and Engineering*, 1(1), 63-71.8. Future – Strategies – in – Plastic -Waste - Management - in-Sri-Lanka-.pdf (jrte.org)
- Hu, Y., Gong, M., Wang, J., & Bassi, A. (2019). Current research trends on microplastic pollution from wastewater systems: A critical review. *Reviews in Environmental Science and Bio/Technology*, 18(2), 207–230 . <https://doi.org/10.1007/s11157-019-09498-w>
- Islam, M. (2019, August 10). Alarming plastic pollution in the Bay of Bengal. *The DailyStar*.<https://www.thedailystar.net/opinion/environment/news/alarming-plastic-pollution-the-bay-bengal-1784278>
- Jambeck, J., R., Geyer, R., Wilcox, C., Siegler, T. R., Perryman, M., Andrady, A., Narayan, R., & Law, K. L. (2015). Plastic waste inputs from land into the ocean. *Science*, 347(6223), 768–771. <https://doi.org/10.1126/science.1260352>
- Jayasekara, S. (2021, December 16). Strengthening the recycling of plastics can help Sri Lanka generate value from waste. *Daily FT*. <https://www.ft.lk/columns/Strengthening-the-recycling-of-plastics-can-help-Sri-Lanka-generate-value-from-waste/4-727665>
- Jayasinghe, I. H., Basnayake, B. F. A., Amarathunga, K. S. P., & Dissanayake, P. B. R. (2010). Environmental conservation efforts in developing textile waste incorporated cement blocks. *Tropical Agricultural Research*, 21(2), 126-133. <https://doi.org/10.4038/tar.v21i2.2594>

- Kaluarachchi, K.A.U.A., Thathsarani, M.S., Nilmini, W.K.A., Namal Arachchi, N.A.K.A., & Silva, J.L.K.C. (2020). Current plastic wastage and introducing new innovations to minimize plastic wastage in Sri Lanka. *Journal of Research Technology and Engineering*, 1(2), 4-10. <https://jrte.org/wp-content/uploads/2020/04/Current-Plastic-Wastage-and-Introducing-New-Innovations-to-Minimize-Plastic-Wastage-in-Sri-Lanka.pdf>
- Kleiderly. (2021). *The clothing hanger and its overlooked impact*. <https://www.kleiderly.com/our-blog/the-clothing-hanger-and-its-overlooked-impact>
- Lebreton, L., & Andrady, A. (2019). Future scenarios of global plastic waste generation and disposal. *Palgrave Communications*, 5(1). [https:// doi.org/10.1057/s41599-018-0212-7](https://doi.org/10.1057/s41599-018-0212-7)
- Liang, Y., Tan, Q., Song, Q., & Li, J. (2021). An analysis of the plastic waste trade and management in Asia. *Waste Management*, 119, 242–253. <https://doi.org/10.1016/j.wasman.2020.09.049>
- Lissaman, C. (2019, December 4). *Fashion's Polybag Addiction: Drowning In Plastic*. Common Objective. [https:// www. commonobjective. co/article/ fashion-s-polybag-addiction-can-it-be-overcome](https://www.commonobjective.co/article/fashion-s-polybag-addiction-can-it-be-overcome)
- Liyanaage, K. L. A. K. T., & de Silva, N. (2018). Zero landfill framework for apparel industry solid waste. *Proceedings of the 7th World Construction Symposium 2018: Built Asset Sustainability: Rethinking Design*,

Construction and Operations. 29 June - 01 July 2018, Colombo, Sri Lanka.

<http://dl.lib.uom.lk/bitstream/handle/123/17621/ZERO%20LANDFILL%20FRAMEWORK%20FOR%20APPAREL%20INDUSTRY.pdf?sequence=1&isAllowed=y>

Meeker, J. D., Sathyanarayana, S., & Swan, S. H. (2009). Phthalates and other additives in plastics: Human exposure and associated health outcomes. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 364(1526), 2097–2113. <https://doi.org/10.1098/rstb.2008.0268>

Muthukuda arachchi, K. H. (2001). *Present status of solid waste management and challenges for change*. cea.lk. https://www.cea.lk/web/images/REEB/Present_Status_of_SWM_2.pdf

Nagamori, M., Mowjood, M. I. M., Watanabe, Y., Isobe, Y., Ishigaki, T., & Kawamoto, K. (2016). Characterization of temporal variations in landfill gas components inside an open solid waste dump site in Sri Lanka. *Journal of the Air & Waste Management Association*, 66(12), 1257–1267. <https://doi.org/10.1080/10962247.2016.1212746>

NARA. (2018). *Brief summary of findings “DR FRIDTJOF NANSEN” Ecosystem survey of Sri Lanka 2018*. <http://www.nara.ac.lk/wp-content/uploads/2019/08/DFN-a.pdf>

Palugaswewa, I. J. K. (2018). *Sustainable plastic waste management in Sri Lanka: Effective policy approaches* (IIIEE Theses 2018:28). [Master’s thesis]. Lund University Publications. ISSN 1401-9191

- Paranavitana, D. (2019, May 27). Trash talk: Dealing with marine plastic pollution in Sri Lanka's oceans. *Institute of Policy Studies of Sri Lanka (IPS)*. <https://www.ips.lk/talkingeconomics/2019/05/27/trash-talk-dealing-with-marine-plastic-pollution-in-sri-lankas-oceans/>
- Ranaweera, H. S., Amarasinghe, D., Arachchige, U., Niroshan, P., & Samarasinghe, B. (2020). Plastic Waste Management in Sri Lanka. https://www.researchgate.net/publication/338898102_Plastic_Waste_Management_in_Sri_Lanka
- Remy, N., Speelman, E., & Swartz, S. (2016, October 20). *Style that's sustainable: A new fast-fashion formula*. McKinsey & Company. <https://www.mckinsey.com/capabilities/sustainability/our-insights/style-thats-sustainable-a-new-fast-fashion-formula>
- Ritchie, H., Samborska, V., & Roser, M. (2018). *Plastic pollution*. OurWorldInData.org. <https://ourworldindata.org/plastic-pollution>
- Siddiqui, J. & Pandey, G. (2013). A Review of Plastic Waste Management Strategies. *International Research Journal on Environment Sciences*, 2(12). 84-88 <http://isca.me/IJENS/Archive/v2/i12/14.ISCA-IRJEvS-2013-247.pdf>
- Soares, M., Ribeiro, A., Vasconcelos, T., Barros, M., Castro, C., Vilarinho, C., & Carvalho, J. (2023). Challenges of digital waste marketplace—The upvalue platform. *Sustainability*, 15(14), 11235. <https://doi.org/10.3390/su151411235>

Sri Lanka generates 7,000 tonnes of solid waste per day- FAO. (2021, August 21). *Daily News*. <http://archives1.dailynews.lk/2021/08/21/local/257299/sri-lanka-generates-7000-tonnes-solid-waste-day-fao>

Stauffer, B. (2021). *Landfills / SSWM - Find tools for sustainable sanitation and water management!* Sswm.info. <https://sswm.info/water-nutrient-cycle/wastewater-treatment/hardwares/solid-waste/landfills>

UNECE. (2018). *Fashion and the SDGs: What role for the UN? The fashion industry in numbers*. unece.org. [https:// unecce. org/ fileadmin/ DAM/RCM_Website/ RFSD_2018_Side_event_sustainable_fashion.pdf](https://unecce.org/fileadmin/DAM/RCM_Website/RFSD_2018_Side_event_sustainable_fashion.pdf).

U.S. Environmental Protection Agency (2003 August,8). *PVC: The poison plastic*. greenpeace.org. [https:// www.greenpeace.org/usa/wp-content/ uploads/ legacy/ Global/ usa/ report/2009/4/pvc-the-poison-plastic.html](https://www.greenpeace.org/usa/wp-content/uploads/legacy/Global/usa/report/2009/4/pvc-the-poison-plastic.html)

Wickramasinghe, W. K. D. Y., & Samarakoon, M. B. (2016). Efficiency of plastic waste management in the apparel industry. *KDU IRC*. 85-95. FMSH-013.pdf (kdu.ac.lk)