

## 6 REFERENCES

1. Abate, T. G., Börger, T., Aanesen, M., Falk-Andersson, J., Wyles, K. J., & Beaumont, N. (2020). Valuation of marine plastic pollution in the European Arctic: Applying an integrated choice and latent variable model to contingent valuation. *Ecological Economics*, 169, 106521.
2. Abeysinghe, N. D. A., & Samarakoon, M. B. (2017). Analysis of variation of water quality in Kelani River, Sri Lanka. *International Journal of Environment, Agriculture and Biotechnology*, 2(6), 238965.
3. Addamo, A. M., Laroche, P., & Hanke, G. (2017). Top marine beach litter items in Europe. *A review and synthesis based on beach litter data. MSFD Technical group on marine litter. Report No. EUR29249*, 148335.
4. Almroth, B. C., & Eggert, H. (2019). Marine plastic pollution: sources, impacts, and policy issues. *Review of environmental economics and policy*.
5. Alqahtani, F. K., & Zafar, I. (2021). Plastic-based sustainable synthetic aggregate in Green Lightweight concrete—A review. *Construction and Building Materials*, 292, 123321.
6. Amutha, D. (2013). A Study on Fishing in Tuticorin District. Available at SSRN 2196700.
7. Anastasopoulou, A., & Fortibuoni, T. (2019). Impact of plastic pollution on marine life in the Mediterranean Sea. In *Plastics in the Aquatic Environment-Part I: Current Status and Challenges* (pp. 135-196). Cham: Springer International Publishing.
8. Andrady, A. L. (2015). Persistence of plastic litter in the oceans. *Marine anthropogenic litter*, 57-72.
9. Arabi, S., & Nahman, A. (2020). Impacts of marine plastic on ecosystem services and economy: State of South African research. *South African Journal of Science*, 116(5-6), 1-7.
10. Ariyawansa, S., Ginigaddarage, P., Jinadasa, K., Chandrika, J. M., Arachchi, G. G., & Ariyaratne, S. (2016). Assessment of microbiological and bio-chemical

- quality of fish in a supply chain in Negombo, Sri Lanka. *Procedia Food Science*, 6, 246-252.
11. Arulnayagam, A. (2020). Public perception towards plastic pollution in the marine ecosystems of Sri Lanka. *American Journal of Marine Science*, 8(1), 6-13.
  12. Babafemi, A. J., Šavija, B., Paul, S. C., & Anggraini, V. (2018). Engineering properties of concrete with waste recycled plastic: A review. *Sustainability*, 10(11), 3875.
  13. Balasubrahmaniam, S., Jeeva, J. C., & Sreenath, K. (2009). Adoption of hygienic practices in fish landing centers and markets.
  14. Balasuriya, A. (2018). Coastal area management: Biodiversity and ecological sustainability in Sri Lankan perspective. In *Biodiversity and climate change adaptation in tropical islands* (pp. 701-724). Academic Press.
  15. Barry, P. J., Beraud, C., Wood, L. E., & Tidbury, H. J. (2023). Modelling of marine debris pathways into UK waters: Example of non-native crustaceans transported across the Atlantic Ocean on floating marine debris. *Marine Pollution Bulletin*, 186, 114388.
  16. Basel Convention. (2019). Basel Convention Home Page. [Online] Available at: <http://www.basel.int> [Accessed 23<sup>rd</sup> April, 2023]
  17. Bauman, B. (2019). Why Plastics Can Be Garbage For The Climate. Yale Climate Connections. [Online] Available at: <https://www.yaleclimateconnections.org/2019/08/how-plastics-contribute-to-climate-change/> [Accessed 29 April 2023].
  18. Beaumont, N. J., Aanesen, M., Austen, M. C., Börger, T., Clark, J. R., Cole, M., ... & Wyles, K. J. (2019). Global ecological, social and economic impacts of marine plastic. *Marine pollution bulletin*, 142, 189-195.
  19. Bergmann, M., Gutow, L., & Klages, M. (2015). *Marine anthropogenic litter* (p. 447). Springer Nature.
  20. Binetti, U., Silburn, B., Russell, J., Van Hoytema, N., Meakins, B., Kohler, P., ... & Maes, T. (2020). First marine litter survey on beaches in Solomon Islands and

- Vanuatu, South Pacific: Using OSPAR protocol to inform the development of national action plans to tackle land-based solid waste pollution. *Marine Pollution Bulletin*, 161, 111827.
21. Borrelle, S. B., Ringma, J., Law, K. L., Monnahan, C. C., Lebreton, L., McGivern, A., ... & Rochman, C. M. (2020). Predicted growth in plastic waste exceeds efforts to mitigate plastic pollution. *Science*, 369(6510), 1515-1518.
  22. Brown, J., Macfadyen, G., Huntington, T., Magnus, J., & Tumilty, J. (2005). Ghost fishing by lost fishing gear. Final Report to DG Fisheries and Maritime Affairs of the European Commission. Fish/2004/20. Institute for European Environmental Policy/Poseidon Aquatic Resource Management Ltd joint report, 151.
  23. Burgess, H., Herring, C., Lippiatt, S., Lowe, S., & Uhrin, A. V. (2021). NOAA Marine Debris Monitoring and Assessment Project Shoreline Survey Guide.
  24. Burt, A. J., Raguain, J., Sanchez, C., Brice, J., Fleischer-Dogley, F., Goldberg, R., ... & Turnbull, L. A. (2020). The costs of removing the unsanctioned import of marine plastic litter to small island states. *Scientific reports*, 10(1), 1-10.
  25. Büyükdeveci, F., & Gündoğdu, S. (2021). Composition and abundance of benthic marine litter in the fishing grounds of Iskenderun Bay, northeastern Levantine coast of Turkey. *Marine Pollution Bulletin*, 172, 112840.
  26. Castillo-Rivera, M. (2013). Influence of rainfall pattern in the seasonal variation of fish abundance in a tropical estuary with restricted marine communication.
  27. CBSL. (2018). Sri Lanka Socio Economic Data 2018. [Online] Available at: [https://www.cbsl.gov.lk/sites/default/files/cbslweb\\_documents/statistics/Sri\\_Lanka\\_%20Socio\\_Economic\\_Data\\_2018\\_e.pdf](https://www.cbsl.gov.lk/sites/default/files/cbslweb_documents/statistics/Sri_Lanka_%20Socio_Economic_Data_2018_e.pdf) [Accessed on 23 April 2023].
  28. CBSL. (2019). “Provincial Gross Domestic Product (PGDP) – 2019” Available at: [https://www.cbsl.gov.lk/sites/default/files/cbslweb\\_documents/press/pr/press\\_20201220\\_provincial\\_gdp\\_2019\\_e.pdf](https://www.cbsl.gov.lk/sites/default/files/cbslweb_documents/press/pr/press_20201220_provincial_gdp_2019_e.pdf) [Accessed on 16 May 2023].
  29. CBSL Annual Report 2019 | Central Bank of Sri Lanka. Retrieved April 27, 2023, from <https://www.cbsl.gov.lk/en/publications/economic-and-financial-reports/annual-reports/annual-report-2019> [Accessed on 18 June 2023].

30. Census of Sri Lanka. (2012). "Census of population and housing". Provisional information based on 5% sample. pp 1-102.
31. Cheung, P. K., Cheung, L. T. O., & Fok, L. (2016). Seasonal variation in the abundance of marine plastic debris in the estuary of a subtropical macro-scale drainage basin in South China. *Science of The Total Environment*, 562, 658-665.
32. Chitaka, T. Y., & von Blottnitz, H. (2019). Accumulation and characteristics of plastic debris along five beaches in Cape Town. *Marine pollution bulletin*, 138, 451-457.
33. Chiu, C. C., Liao, C. P., Kuo, T. C., & Huang, H. W. (2020). Using citizen science to investigate the spatial-temporal distribution of floating marine litter in the waters around Taiwan. *Marine Pollution Bulletin*, 157, 111301.
34. Claereboudt, M. R. (2004). Shore litter along sandy beaches of the Gulf of Oman. *Marine pollution bulletin*, 49(9-10), 770-777.
35. Coast Conservation (Amendment) Act, No. 49 of 2011 [https://www.srilankalaw.lk/YearWisePdf/2011/COAST CONSERVATION \(AMENDMENT\) ACT, NO.49 OF 2011.pdf](https://www.srilankalaw.lk/YearWisePdf/2011/COAST_CONSERVATION_(AMENDMENT)_ACT,_NO.49_OF_2011.pdf) [Accessed on 20 July 2023].
36. Compa, M., Alomar, C., Wilcox, C., van Sebille, E., Lebreton, L., Hardesty, B. D., & Deudero, S. (2019). Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. *Science of The Total Environment*, 678, 188-196.
37. Consoli, P., Scotti, G., Romeo, T., Fossi, M. C., Esposito, V., D'Alessandro, M., ... & Andaloro, F. (2020). Characterization of seafloor litter on Mediterranean shallow coastal waters: evidence from Dive Against Debris®, a citizen science monitoring approach. *Marine pollution bulletin*, 150, 110763.
38. Costanza, R., De Groot, R., Sutton, P., Van der Ploeg, S., Anderson, S. J., Kubiszewski, I., ... & Turner, R. K. (2014). Changes in the global value of ecosystem services. *Global environmental change*, 26, 152-158.
39. Crompton, T. R. (2014). *Engineering plastics*. Smithers Rapra.
40. CZMP. (1990). "Coastal Zone Management Plan". Sri Lanka Coast Conservation Department Colombo, Sri Lanka. pp. 1-2.

41. CZMP. (2006). 'Sri Lanka Coastal Zone Management Plan', Amendment under the Section 12(5) of the Coast Conservation Act No. 57 of 1981
42. Daily FT. (2019). Planet or plastic: is Sri Lanka making the right choices? [Online] Available at: <http://www.ft.lk/environment/Planet-or-plastic-is-Sri-Lanka-making-the-right-choices/10519-676698> [Accessed 30<sup>th</sup> April, 2023].
43. Daniel, D. B., Thomas, S. N., & Thomson, K. T. (2020). Assessment of fishing-related plastic debris along the beaches in Kerala Coast, India. *Marine pollution bulletin*, 150, 110696.
44. Dasgupta, S., Sarraf, M., & Wheeler, D. (2022). Plastic waste cleanup priorities to reduce marine pollution: A spatiotemporal analysis for Accra and Lagos with satellite data. *Science of the Total Environment*, 839, 156319.
45. Davison, S. M., White, M. P., Pahl, S., Taylor, T., Fielding, K., Roberts, B. R., ... & Fleming, L. E. (2021). Public concern about, and desire for research into, the human health effects of marine plastic pollution: Results from a 15-country survey across Europe and Australia. *Global Environmental Change*, 69, 102309.
46. De, K., Sautya, S., Dora, G. U., Gaikwad, S., Katke, D., & Salvi, A. (2023). Mangroves in the "Plasticene": High exposure of coastal mangroves to anthropogenic litter pollution along the Central-West coast of India. *Science of the Total Environment*, 858, 160071.
47. De Vos, A., Pattiaratchi, C. B., & Wijeratne, E. M. S. (2014). Surface circulation and upwelling patterns around Sri Lanka. *Biogeosciences*, 11(20), 5909-5930.
48. De Weerd, L., Sasao, T., Compennolle, T., Van Passel, S., & De Jaeger, S. (2020). The effect of waste incineration taxation on industrial plastic waste generation: A panel analysis. *Resources, conservation and recycling*, 157, 104717.
49. Dela, J. D. (2002). State of the Environment in Sri Lanka: A Report for SAARC. *Colombo, Ministry of Environment and Natural Resources (MoENR)*.
50. Dharmasiri, L. M. (2020). Waste management in Sri Lanka: challenges and opportunities. *Sri Lanka J social sci*.

51. Edirisinghe, K., Wansapala, J., & Wickramasinghe, I. (2018). Review of marine fishery status along the supply chain in Sri Lanka.
52. Ellen MacArthur Foundation. (2016). the new plastics economy—Rethinking the future of plastics. Available at: [https://www.ellenmacarthurfoundation.org/assets/downloads/EllenMacArthurFoundation\\_TheNewPlasticsEconomy\\_Pages.pdf](https://www.ellenmacarthurfoundation.org/assets/downloads/EllenMacArthurFoundation_TheNewPlasticsEconomy_Pages.pdf). [Accessed on 20 June 2023].
53. Eriksson, C., Burton, H., Fitch, S., Schulz, M., & van den Hoff, J. (2013). Daily accumulation rates of marine debris on sub-Antarctic island beaches. *Marine pollution bulletin*, 66(1-2), 199-208.
54. Eriksen, M., Lebreton, L. C., Carson, H. S., Thiel, M., Moore, C. J., Borrorro, J. C., ... & Reisser, J. (2014). Plastic pollution in the world's oceans: more than 5 trillion plastic pieces weighing over 250,000 tons afloat at sea. *PloS one*, 9(12), e111913.
55. Fischer, F. (1970, April). Moisture resistance of plastic packages for semiconductor devices. In *8th Reliability Physics Symposium* (pp. 94-100). IEEE.
56. Ford, H. V., Jones, N. H., Davies, A. J., Godley, B. J., Jambeck, J. R., Napper, I. E., ... & Koldewey, H. J. (2022). The fundamental links between climate change and marine plastic pollution. *Science of the Total Environment*, 806, 150392.
57. Galgani, L., & Loisel, S. A. (2021). Plastic pollution impacts on marine carbon biogeochemistry. *Environmental Pollution*, 268, 115598.
58. Gall, S. C., & Thompson, R. C. (2015). The impact of debris on marine life. *Marine pollution bulletin*, 92(1-2), 170-179.
59. Gallagher, A., Randall, P., Sivy, D., Binetti, U., Lokuge, G., & Munas, M. (2023). Abandoned, lost or otherwise discarded fishing gear (ALDFG) in Sri Lanka—A pilot study collecting baseline data. *Marine Policy*, 148, 105386.
60. Geyer, R., Jambeck, J. R., & Law, K. L. (2017). Production, use, and fate of all plastics ever made. *Science advances*, 3(7), e1700782.
61. Ghernouti, Y., & Rabehi, B. (2012). Strength and durability of mortar made with plastics bag waste (MPBW). *International Journal of Concrete Structures and Materials*, 6(3), 145-153.

62. Gjyli, L., Vlachogianni, T., Kolutari, J., Matta, G., Metalla, O., & Gjyli, S. (2020). Marine litter on the Albanian coastline: Baseline information for improved management. *Ocean & Coastal Management*, 187, 105108.
63. Gómez, V., Pozo, K., Nuñez, D., Příbylová, P., Audy, O., Bains, M., ... & Klánová, J. (2020). Marine plastic debris in Central Chile: Characterization and abundance of macroplastics and burden of persistent organic pollutants (POPs). *Marine Pollution Bulletin*, 152, 110881.
64. Gunasekara, A. J. M., Priyadarshana, R. N., Ranasinghe, T. S., Ranaweera, R. P., Fernando, E., Shanika, J. A., ... & Ranatunga, R. R. M. K. P. (2014). Status of marine debris accumulated in coastal areas of Sri Lanka. In *Proceedings of the International Forestry and Environment Symposium* (Vol. 19, p. 758).
65. Hale, R. C., Seeley, M. E., La Guardia, M. J., Mai, L., & Zeng, E. Y. (2020). A global perspective on microplastics. *Journal of Geophysical Research: Oceans*, 125(1), e2018JC014719.
66. Hengstmann, E., Gräwe, D., Tamminga, M., & Fischer, E. K. (2017). Marine litter abundance and distribution on beaches on the Isle of Rügen considering the influence of exposition, morphology and recreational activities. *Marine pollution bulletin*, 115(1-2), 297-306.
67. Hidalgo-Crespo, J., Álvarez-Mendoza, C. I., Soto, M., & Amaya-Rivas, J. L. (2022). Quantification and mapping of domestic plastic waste using GIS/GPS approach at the city of Guayaquil. *Procedia CIRP*, 105, 86-91.
68. Ikhwan, Z., Harahap, R. H., Andayani, L. S., & Mulya, M. B. (2021). Optimizing The Waste Management Of Coastal And Marine Litters To Support Environmental Cleanliness In Reducing Plastic Debris And Saving Penyengat Island. *NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal/ NVEO*, 5380-5392.
69. Isobe, A., Azuma, T., Cordova, M. R., Cózar, A., Galgani, F., Hagita, R., ... & Zhang, W. (2021). A multilevel dataset of microplastic abundance in the world's upper ocean and the Laurentian Great Lakes. *Microplastics and Nanoplastics*, 1, 1-14.

70. Issifu, I., & Sumaila, U. R. (2020). A review of the production, recycling and management of marine plastic pollution. *Journal of Marine Science and Engineering*, 8(11), 945.
71. IUCN Issues brief 2021, “Marine plastic pollution” - <https://www.iucn.org/resources/issuesbrief/marine-plastic-pollution> [Accessed on 26 June 2023].
72. Jambeck, J. R., Geyer, R., Wilcox, C., Siegler, T. R., Perryman, M., Andrady, A., ... & Law, K. L. (2015). Plastic waste inputs from land into the ocean. *Science*, 347(6223), 768-771.
73. Jang, Y. C., Ranatunga, R. R. M. K. P., Mok, J. Y., Kim, K. S., Hong, S. Y., Choi, Y. R., & Gunasekara, A. J. M. (2018). Composition and abundance of marine debris stranded on the beaches of Sri Lanka: Results from the first island-wide survey. *Marine pollution bulletin*, 128, 126-131.
74. Jefferson, T., & Costello, M. J. (2020). Hotspots of marine biodiversity. *Encyclopedia of the World's Biomes*.
75. Jha, A., Panda, B., & Agrawal, J. D. (2022). Study on Wave Transformation and Tranquillity Studies for the Development of Fish Landing Facility at Ajanur, Kasargod, Kerala. In *River and Coastal Engineering: Hydraulics, Water Resources and Coastal Engineering* (pp. 377-388). Cham: Springer International Publishing.
76. Johannes, H. P., Kojima, M., Iwasaki, F., & Edita, E. P. (2021). Applying the extended producer responsibility towards plastic waste in Asian developing countries for reducing marine plastic debris. *Waste Management & Research*, 39(5), 690-702.
77. Kang, J. H., Kwon, O. Y., Lee, K. W., Song, Y. K., & Shim, W. J. (2015). Marine neustonic microplastics around the southeastern coast of Korea. *Marine pollution bulletin*, 96(1-2), 304-312.
78. Kariyawasam, S., Madhuwanthi, A., & Wilson, C. (2019). The role of stakeholders in managing polythene and plastic waste in coastal cities of Sri Lanka: a case study



- of the Dehiwala-Mt. lavinia municipal council region. In *E3S Web of Conferences* (Vol. 96, p. 02003). EDP Sciences.
79. Karunarathne, H. M. L. P. (2015, November). Municipal solid waste management (MSWM) in Sri Lanka. In *Proceedings of the National Symposium on Real Estate Management and Valuation* (pp. 113-126).
  80. Klemchuk, P. P. (1990). Degradable plastics: a critical review. *Polymer Degradation and Stability*, 27(2), 183-202.
  81. Kori, S., & Chandra, P. (2022). Numerical Simulation of Wave Conditions for Mangrol Fishing Harbour. In *River and Coastal Engineering: Hydraulics, Water Resources and Coastal Engineering* (pp. 161-168). Cham: Springer International Publishing.
  82. Kirstein, I. V., Kirmizi, S., Wichels, A., Garin-Fernandez, A., Erler, R., Löder, M., & Gerdt, G. (2016). Dangerous hitchhikers? Evidence for potentially pathogenic *Vibrio* spp. on microplastic particles. *Marine environmental research*, 120, 1-8.
  83. Kumar, R., & Khan, M. A. (2020). Use of plastic waste along with bitumen in construction of flexible pavement. *Int. J. Eng. Res. Technol*, 9, 153-158.
  84. Kurniawan, S. B., & Imron, M. F. (2019). Seasonal variation of plastic debris accumulation in the estuary of Wonorejo River, Surabaya, Indonesia. *Environmental Technology & Innovation*, 16, 100490.
  85. Landon-Lane, M. (2018). Corporate social responsibility in marine plastic debris governance. *Marine pollution bulletin*, 127, 310-319.
  86. Lebreton, L., & Andrady, A. (2019). Future scenarios of global plastic waste generation and disposal. *Palgrave Communications*, 5(1), 1-11.
  87. Lessy, M. R. (2020, October). Benthic marine litter accumulation at selection beaches in Ternate Island, Indonesia. In *IOP Conference Series: Earth and Environmental Science* (Vol. 584, No. 1, p. 012018). IOP Publishing.
  88. Li, W. C., Tse, H. F., & Fok, L. (2016). Plastic waste in the marine environment: A review of sources, occurrence and effects. *Science of the total environment*, 566, 333-349.

89. Lin, P. I., Ku, G. C. M., Lin, H. H., Hsu, C. H., Chi, H. C., & Chen, Y. C. (2022). Investigating Sources of Marine Litter and Developing Coping Strategies in Scuba Diving Spots in Taiwan. *Sustainability*, 14(9), 5726.
90. Lippiatt, S., Opfer, S. and Arthur, C. (2013a) Marine Debris Monitoring and Assessment: Recommendations for Monitoring Debris Trends in the Marine Environment, NOAA Technical Memorandum. Available at: <https://repository.library.noaa.gov/view/noaa/2681> [Accessed on 23 June 2023].
91. Löhr, A., Savelli, H., Beunen, R., Kalz, M., Ragas, A., & Van Belleghem, F. (2017). Solutions for global marine litter pollution. *Current opinion in environmental sustainability*, 28, 90-99.
92. Macfadyen, G., Huntington, T., & Cappell, R. (2009). *Abandoned, lost or otherwise discarded fishing gear* (No. 523). Food and Agriculture Organization of the United Nations (FAO).
93. Macintosh, A., Simpson, A., Neeman, T., & Dickson, K. (2020). Plastic bag bans: Lessons from the Australian Capital Territory. *Resources, Conservation and Recycling*, 154, 104638.
94. Manchanayake, E. P., and Madduma Bandara, C. M. 1999. Water resources of Sri Lanka. In: Natural Resources of Sri Lanka 2000. Colombo: National Science Foundation
95. Mangor, K. August 2002. Background Document for the Chapter on Shoreline Management of the Second Revision of the CZMP. unpubl. Institutional Strengthening Component of the Coastal Resources Management Project, ADB TA No. 3477-SRI.
96. Martínez, M. L., Intralawan, A., Vázquez, G., Pérez-Maqueo, O., Sutton, P., & Landgrave, R. (2007). The coasts of our world: Ecological, economic and social importance. *Ecological economics*, 63(2-3), 254-272.
97. MCUDP, 2018. Metro Colombo urban development project. Ministry of Megapolis and Western Development. Progress presentation made by June 2018

98. Meakins, B., Preston-Whyte, F., Silburn, B., Binetti, U., Glassom, D., Barry, J., ... & Maes, T. (2022). Standing stock and daily accumulation of beach litter in KwaZulu-Natal, South Africa. *Regional Studies in Marine Science*, 53, 102421.
99. Meijer, L. J., Van Emmerik, T., Van Der Ent, R., Schmidt, C., & Lebreton, L. (2021). More than 1000 rivers account for 80% of global riverine plastic emissions into the ocean. *Science Advances*, 7(18), eaaz5803.
100. Mills, R. (2012). What it means to go green: reduce, reuse, repurpose, and recycle.
101. Ministry of Environment, 2021. National Action Plan on Plastic Waste Management 2021–2030. Ministry of Environment (MoE), SriLanka. Available online: <https://www.unep.org/ietc/resources/report/national-action-plan-plastic-waste-management-2021-2030> [Accessed on 29 May 2023].
102. MoE, 2012. The National Red List 2012 of Sri Lanka; Conservation Status of the Fauna and Flora. Colombo, Sri Lanka: Ministry of Environment. viii + 476pp.
103. Mongabay (2019). Microplastics a key factor in Sri Lanka's plunging fish stocks, survey shows. Available online: <https://news.mongabay.com/2019/06/microplastics-a-key-factor-in-sri-lankas-plunging-fish-stocks-survey-shows/> [Accessed on 20 June 2023].
104. Monteiro, I. B., Dantas, D. V., Makrakis, M. C., Lorenzi, L., Ribeiro, S. A., Pezzin, A. P. T., Silveira, V.F., & Gentil, E. (2022). Composition and spatial distribution of floating plastic debris along the estuarine ecocline of a subtropical coastal lagoon in the Western Atlantic. *Marine Pollution Bulletin*, 179, 113648.
105. Morales-Caselles, C., Viejo, J., Martí, E., González-Fernández, D., Pragnell-Raasch, H., González-Gordillo, J. I., ... & Cózar, A. (2021). An inshore–offshore sorting system revealed from global classification of ocean litter. *Nature Sustainability*, 4(6), 484-493.
106. Mouat, J., Lozano, R. L., & Bateson, H. (2010). *Economic impacts of marine litter*. Kommunenes Internasjonale Miljøorganisasjon.

107. NARA. (2017). Socio –Economic and Marketing Research Division: Fisheries Industry Outlook- 2017. [Online] Available at: <http://www.nara.ac.lk/wp-content/uploads/2017/09/Fisheries-Industry-outlook-2017.pdf> [Accessed 28th May, 2023]
108. NARA. (2018). Launching Ceremony of Dr.Fridtjof Nansen Preliminary Cruise Report. [Online] Available at: [http://www.nara.ac.lk/?page\\_id=7268](http://www.nara.ac.lk/?page_id=7268) [Accessed 17th June, 2023]
109. Niroshana, K. H. H., H. B. Asanthi and P. B. T. P. Kumara (2013). “An assessment of water quality and pollution in Puranawella fishery harbour, Dewinuwara, Sri Lanka”. Available online: file:///C:/Users/KAWS/Downloads/6157-21804-1-PB.pdf [Accessed 24th April, 2023].
110. Neumann, B. et al. (2015) ‘Future coastal population growth and exposure to sea-level rise and coastal flooding - A global assessment’, PLoS ONE, 10(3). doi: 10.1371/journal.pone.0118571.
111. NewsIn.Asia. (2017). Sri Lanka’s ban on polythene, styrofoam comes into effect. [Online] Available at: <https://newsin.asia/sri-lankas-ban-polythene-styrofoam-comes-effect/> [Accessed 25 March 2023].
112. Nguyen, T. T., & Nguyen, T. P. (2022). Marine Plastic Litter in Phu Quoc Marine Protected Area, Vietnam: Current Status and Mitigation Approaches. *InżynInżynieria Mineralna (Journal of the Polish Mineral Engineering Society)*, 1, 107-113.
113. Nyberg, B., Harris, P. T., Kane, I., & Maes, T. (2023). Leaving a plastic legacy: Current and future scenarios for mismanaged plastic waste in rivers. *Science of the Total Environment*, 869, 161821.
114. Ocean Conservancy (2017). Together for our ocean: International coastal cleanup 2017 report. *IC Cleanup, Editor*.
115. Ocean Conservancy, McKinsey Center for Business and Environment. Stemming the tide: land-based strategies for a plastic-free ocean. 2015. Available

from:

<https://www.mckinsey.com/w/media/McKinsey/Business%20Functions/Sustainability/Our%20insights/Stemming%20the%20tide/Stemming%20the%20tide%20Land%20based%20strategies20for%20a%20plastic%20free%20ocean.ashx>. [Accessed 24th May, 2023]

116. Opfer, S., Arthur, C., & Lippiatt, S. (2012). NOAA Marine Debris Shoreline Survey Field Guide.
117. Opie, B. (2021). *Seasonal and long-term change in the abundance, accumulation and distribution of beach litter within Table Bay, Cape Town, South Africa* (Master's thesis, Faculty of Science).
118. PlasticsEurope (2015). An analysis of European plastics production, demand and waste data. *Plastics—the facts*, 147
119. Prasetiawan, N. R., Sudirman, N., Salim, H. L., Ati, R. N. A., Kepel, T. L., Daulat, A., ... & Sukoraharjo, S. S. (2022, December). Preliminary Study Of Marine Debris Composition From Fisherman Activities: A Case Study On Cikidang Fishing Port, Pangandaran. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1118, No. 1, p. 012082). IOP Publishing.
120. Rebai, N., Mosbahi, N., Dauvin, J. C., & Neifar, L. (2022). Ecological Risk Assessment of Heavy Metals and Environmental Quality of Tunisian Harbours. *Journal of Marine Science and Engineering*, 10(11), 1625.
121. Ribbink, A., Baleta, T., Martin, S., Mbongwa, N., & Bray, D. (2018). Guideline to marine litter monitoring.
122. Samarasinghe, K., Pawan Kumar, S., & Visvanathan, C. (2021). Evaluation of circular economy potential of plastic waste in Sri Lanka. *Environmental Quality Management*, 31(1), 99-107.
123. Santos, R. G., Machovsky-Capuska, G. E., & Andrades, R. (2021). Plastic ingestion as an evolutionary trap: Toward a holistic understanding. *Science*, 373(6550), 56-60.

124. Scholtens, J. (2016). *Fishing in the Margins: North Sri Lankan Fishers' Struggle for Access in Transboundary Waters*. Universiteit van Amsterdam [Host].
125. Sciortino, J. A. (2010). *Fishing harbour planning, construction and management*. Rome, Italy: Food and Agriculture Organization of the United Nations.
126. Shams, M., Alam, I., & Mahbub, M. S. (2021). Plastic pollution during COVID-19: Plastic waste directives and its long-term impact on the environment. *Environmental advances*, 5, 100119.
127. Silva-Cavalcanti, J. S., Barbosa de Araujo, M. C., & Ferreira da Costa, M. (2009). Plastic litter on an urban beach—a case study in Brazil. *Waste Management & Research*, 27(1), 93-97.
128. Sri Lanka Export Development Bank. (2020). Plastic & Plastic Product Industry: Plastic Product Manufacturing In Sri Lanka. [Online] Available at: <https://www.srilankabusiness.com/plastic/overview.htm> [Accessed 25 May 2023].
129. Survey Department of Sri Lanka. 2007. National Atlas of Sri Lanka. 2nd ed. Colombo: Survey Department of Sri Lanka
130. Tan, W., Cui, D., & Xi, B. (2021). Moving policy and regulation forward for single-use plastic alternatives. *Frontiers of Environmental Science & Engineering*, 15, 1-4.
131. Ten Brink, P., Schweitzer, J. P., Watkins, E., Janssens, C., De Smet, M., Leslie, H., & Galgani, F. (2018). Circular economy measures to keep plastics and their value in the economy, avoid waste and reduce marine litter (No. 2018-3). Economics Discussion Papers.
132. Teuten, E. L., Saquing, J. M., Knappe, D. R., Barlaz, M. A., Jonsson, S., Björn, A., ... & Takada, H. (2009). Transport and release of chemicals from plastics to the environment and to wildlife. *Philosophical transactions of the royal society B: biological sciences*, 364(1526), 2027-2045.

133. Thevenon, F., Carroll, C., & Sousa, J. (2014). Plastic debris in the ocean: the characterization of marine plastics and their environmental impacts, situation analysis report. *Gland, Switzerland: IUCN*, 52.
134. Tiseo, I. (2022). Global Plastic Production 1950–2021. *can be found under <https://www.statista.com/statistics/282732/global-production-of-plastics-since-1950/>*(accessed 28.12. 2022).
135. UN News. (2014). Plastic waste causes \$13 billion in annual damage to marine ecosystems, says UN agency, Retrieved from: <https://news.un.org/en/story/2014/06/471492-plastic-wastecauses-13-billion-annual-damage-marine-ecosystems-says-un-agency>
136. UNEP (2016) Marine plastic debris and micro plastics – Global lessons and research to inspire action and guide policy change. United Nations Environment Programme, Nairobi.
137. Van Acoleyen, M., Laureysens, I., Stijn, L., Raport, L., Van Sluis, C., Kater, B., ... & Ferreira, M. (2013). ARCADIS final report marine litter study to support the establishment of an initial quantitative headline reduction target.
138. Wang, M. H., He, Y., & Sen, B. (2019). Research and management of plastic pollution in coastal environments of China. *Environmental pollution*, 248, 898-905.
139. Webb, H. K., Arnott, J., Crawford, R. J., & Ivanova, E. P. (2012). Plastic degradation and its environmental implications with special reference to poly (ethylene terephthalate). *Polymers*, 5(1), 1-18.
140. Weerakoon, W. R. W. M. A. P., Samaranyake, T. B. D. T., Jayasiri, H. B., & Arulanathan, K. (2018). Quantitative analysis of micro-plastic contamination in beach sand at the Western and Southwestern coastal stretches in Sri Lanka. *International Scientific Sessions*.
141. Weerasekara, K. A. W. S., Jayampathi, O. M. M. D., Hettige, N. D., Azmy, S. A. M., Amarathunga, A. A. D., Wickramaarachchi, W. D. N., ... & Liyanage, N. P. P. (2015). Assessment of water pollution status of selected Fishery harbours

located in the southern province of Sri Lanka. *Journal of Environmental Professionals Sri Lanka*, 4(2).

142. Welden, N. A. (2020). The environmental impacts of plastic pollution. In *Plastic waste and recycling* (pp. 195-222). Academic Press.
143. Wijethunga, H. S., Athawuda, A. M. G. A. D., Dias, P. C. B., Abeygunawardana, A. P., Senevirathna, J. D. M., Thushari, G. G. N., ... & Jayamanne, S. C. (2019). Screening the effects of microplastics on selected invertebrates along southern coastal belt in Sri Lanka: a preliminary approach to coastal pollution control.
144. Wootton, N., Nursey-Bray, M., Reis-Santos, P., & Gillanders, B. M. (2022). Perceptions of plastic pollution in a prominent fishery: building strategies to inform management. *Marine Policy*, 135, 104846.
145. Yapa, K. K. (2000). Seasonal variability of sea surface chlorophyll-a of waters around Sri Lanka. *Journal of Earth System Science*, 109, 427-432.
146. Zhukov, A. (2017) the distribution, abundance and characteristics of plastic debris along the Coast of Grândola, Portugal Degree Programme in Sustainable Coastal Management. Yrkeshogskolan Novia