7. REFERENCES

- [1] S. Ghavidelfar, A. Y. Shamseldin, and B. W. Melville, "Evaluating the determinants of high-rise apartment water demand through integration of water consumption, land use and demographic data," *Water Policy*, vol. 20, no. 5, pp. 966–981, 2018. doi:10.2166/wp.2018.028
- [2] Integrated Water Management and sustainable urbanization in Sri Lanka," Talking Economics, https://www.ips.lk/talkingeconomics/2015/03/22/integrated-watermanagement-and-sustainable-urbanization-in-sri-lanka/ (accessed Dec. 29, 2023).
- [3] Annual Report of the Monetary Board to the Hon. Minister of Finance for the Year 2015. Colombo: Central Bank of Sri Lanka, 2015.
- [4] Annual Report of the Monetary Board to the Hon. Minister of Finance for the Year 2015. Colombo: Central Bank of Sri Lanka, 2015.
- [5] D. M. S. S. Dissanayake and R. L. H. L. Rajapakse, "Study of urban water demand and distribution system reliability – A case study of Maharagama Water Supply Scheme, Sri Lanka," Proceeding of the UMCSAWM Water Conference on Demonstrating the strength of water Engineering and Management capability through case study applications, 2017. doi:10.31705/umcsawm.9
- [6] *Plumbing Engineering Services Design Guide*. Hornchurch: Institute of Plumbing, 2002.
- [7] P. Roberts and H. Sykes, *Urban regeneration: A Handbook*, 2008. doi:10.4135/9781446219980
- [8] D. Jagoda, "Sustainable Housing Development urban Poor in Sri Lanka," *National Housing Development Authority*, Sri Lanka, Colombo.
- [9] Niriella, Niriellage. "Impact of the relocation of low-income dwellers on the public sector condominiums of the Colombo city", 2021. 14. 087-096.
- [10] H. Munasinghe, "Facilitating urban underserved dwellers and a paradigm shift in real estate development in Sri Lanka", *Real Estate in South Asia*, 2019.
- [11] J. Zac, "What is the percentage of drinkable water on Earth?," World Water Reserve, https://worldwaterreserve.com/percentage-of-drinkable-water-on-earth/ (accessed Dec. 29, 2023).
- [12] S. Ghavidelfar, A. Y. Shamseldin, and B. W. Melville, "Evaluating the determinants of high-rise apartment water demand through integration of water consumption, land use and demographic data," *Water Policy*, vol. 20, no. 5, pp. 966–981, 2018. doi:10.2166/wp.2018.028
- [13] X. Chen, S.-H. Yang, L. Yang, and X. Chen, "A benchmarking model for household water consumption based on adaptive logic networks," *Procedia Engineering*, vol. 119, pp. 1391–1398, 2015. doi:10.1016/j.proeng.2015.08.998

- [14] D. Hunt and C. Rogers, "A benchmarking system for domestic water use," Sustainability, vol. 6, no. 5, pp. 2993–3018, 2014. doi:10.3390/su6052993
- [15] Quality Resources | ASQ, https://asq.org/quality-resources (accessed Dec. 28, 2023).
- [16] D. M. S. S. Dissanayake and R. L. H. L. Rajapakse, "Study of urban water demand and distribution system reliability – A case study of Maharagama Water Supply Scheme, Sri Lanka," *Proceeding of the UMCSAWM Water Conference on Demonstrating the strength of water Engineering and Management capability through case study applications*, 2017. doi:10.31705/umcsawm.9
- [17] Benchmarking | american water works association, https://www.awwa.org/Resources-Tools/Programs/Benchmarking (accessed Dec. 28, 2023).
- [18] Sartor, D. M. Piette, W. Tschudi and S. Fok, "Strategies for Energy Benchmarking in Cleanrooms and Laboratory-Type Facilities," *Proceedings* of the ACEEE 2000 Summer Study on Energy Efficiency in Buildings, vol. 4, pp. 321-329, 2000.
- [19] W. Chung, Y. Hui, and Y.-M. Lam, "Benchmarking the energy efficiency of commercial buildings," *Applied Energy*, vol. 83, no. 1, pp. 1–14, Jan. 2006, doi: 10.1016/j.apenergy.2004.11.003.
- [20] T. Nikolaou, Δ. Κολοκότσα, and G. Stavrakakis, "Review on methodologies for energy benchmarking, rating and classification of buildings," *Advances in Building Energy Research*, vol. 5, no. 1, pp. 53–70, May 2011, doi: 10.1080/17512549.2011.582340.
- [21] I. Henilane, "Housing Concept and Analysis of Housing Classification," *Baltic Journal of Real Estate Economics and Construction Management*, vol. 4, no. 1, pp. 168–179, Nov. 2016, doi: 10.1515/bjreecm-2016-0013.
- [22] N. Beasley and N. Beasley, "AMI: What does it mean for homebuyers? | Richmond Neighborhood Housing Services," *Richmond Neighborhood Housing Services* /, Dec. 18, 2019. https://richmondnhs.org/ami-what-does-it-mean-for-homebuyers/ (Accessed 29 01 2023).
- [23] Ami and Housing Affordability Metropolitan Council, https://metrocouncil.org/Handbook/Files/Resources/Fact-Sheet/HOUSING/Area-Median-Income-and-Housing-Affordability.aspx (Accessed 29 01 2023).
- [24] Department of Census and Statistics, http://www.statistics.gov.lk/ (accessed 29 01 2023).
- [25] S. Parathalingam, "Income and wealth inequality in Sri Lanka," Groundviews, https://groundviews.org/2022/09/03/income-and-wealth-inequality-in-srilanka/ (accessed Jan. 29, 2023).
- [26] D. Francis, Public perception on relocation projects; a case study in Slave Island Redevelopment Project, colombo sri lanka. doi:10.31357/fmscmst.2014.00332

- [27] N. P. Gunasekera, A critical assessment of the policy and practice of relocation of low income communities in the city of Colombo. doi:10.31357/fhssphd.2003.00704
- [28] The urban development authorifty, https://www.uda.gov.lk/urban-regeneration-programme.html (accessed 29 01 2023).
- [29] Resettlement action plan to relocate 38 families from Arunodhaya ..., https://www.uda.gov.lk/upload/attach/RAP%20Obeysekerapura-English.pdf (accessed 28 01 2023).
- [30] "Home," PUB, Singapore's National Water Agency, https://www.pub.gov.sg/ (accessed Jun. 3, 2023).
- [31] A. Pallegedara, "An exploration into the household pipe-borne water consumption: Empirical evidence from Sri Lankan household surveys," *International Journal of Economics and Business Research*, vol. 17, no. 4, p. 473, 2019. doi:10.1504/ijebr.2019.10020196
- [32] W. A. Hussien, F. A. Memon, and D. A. Savic, "Assessing and modelling the influence of household characteristics on per capita water consumption," *Water Resources Management*, vol. 30, no. 9, pp. 2931–2955, 2016. doi:10.1007/s11269-016-1314-x
- [33] S. M. C. Prageeth Senanayake and M. A. Wijewardane, "Benchmarking energy and water consumption of supermarkets in Sri Lanka," 2022 *Moratuwa Engineering Research Conference (MERCon)*, 2022. doi:10.1109/mercon55799.2022.9906145
- [34] J. M. Parker and R. L. Wilby, "Quantifying household water demand: A review of theory and practice in the UK," *Water Resources Management*, vol. 27, no. 4, pp. 981–1011, 2012. doi:10.1007/s11269-012-0190-2
- [35] F. Arbués, I. Villanúa, and R. Barberán, "Household size and residential water demand: An empirical approach*," *Australian Journal of Agricultural and Resource Economics*, vol. 54, no. 1, pp. 61–80, 2010. doi:10.1111/j.1467-8489.2009.00479.x
- [36] C. E. Kontokosta and R. K. Jain, "Modeling the determinants of large-scale building water use: Implications for data-driven urban sustainability policy," *Sustainable Cities and Society*, vol. 18, pp. 44–55, 2015. doi:10.1016/j.scs.2015.05.007
- [37] F. Arbués, M. Á. García-Valiñas, and R. Martínez-Espiñeira, "Estimation of residential water demand: A state-of-the-art review," *The Journal of Socio-Economics*, vol. 32, no. 1, pp. 81–102, 2003. doi:10.1016/s1053-5357(03)00005-2
- [38] R. M. Bradley, S. Weeraratne, and T. M. Mediwake, "Water use projections in developing countries," *Journal AWWA*, vol. 94, no. 8, pp. 52–63, 2002. doi:10.1002/j.1551-8833.2002.tb09525.x
- [39] D. A. RUSSAC, K. R. RUSHTON, and R. J. SIMPSON, "Insights into domestic demand from a metering trial," *Water and Environment Journal*, vol. 5, no. 3, pp. 342–351, 1991. doi:10.1111/j.1747-6593.1991.tb00628.x

- [40] E. Shove, "Converging conventions of comfort, cleanliness and convenience," *Journal of Consumer Policy*, vol. 26, no. 4, pp. 395–418, 2003. doi:10.1023/a:1026362829781
- [41] *Plumbing Engineering Services Design Guide*. Hornchurch: Institute of Plumbing, 2002.
- [42] Design, installation, testing and maintenance of services supplying water for domestic use within buildings and their curtilages specification. doi:10.3403/00168435u
- [43] J. Davis, "Corruption in public service delivery: Experience from South Asia's water and sanitation sector," *World Development*, vol. 32, no. 1, pp. 53–71, 2004. doi:10.1016/j.worlddev.2003.07.003
- [44] C. Nauges and D. Whittington, "Estimation of water demand in developing countries: An overview," *The World Bank Research Observer*, vol. 25, no. 2, pp. 263–294, 2009. doi:10.1093/wbro/lkp016
- [45] A. S. Vieira and E. Ghisi, "Water-energy nexus in low-income houses in Brazil: The influence of integrated on-site water and sewage management strategies on the energy consumption of water and sewerage services," *Journal of Cleaner Production*, vol. 133, pp. 145–162, 2016. doi:10.1016/j.jclepro.2016.05.104
- [46] W. A. Hussien, F. A. Memon, and D. A. Savic, "Assessing and modelling the influence of household characteristics on per capita water consumption," *Water Resources Management*, vol. 30, no. 9, pp. 2931–2955, 2016. doi:10.1007/s11269-016-1314-x
- [47] J. C. Kiefer and L. R. Krentz, "Information needs for Water Demand Planning and Management," *Journal AWWA*, vol. 110, no. 3, pp. 50–57, 2018. doi:10.1002/awwa.1032
- [48] E. B. Salas, "UK: Average daily water usage per person 2022," Statista, https://www.statista.com/statistics/1211708/liters-per-day-per-person-waterusage-united-kingdom-uk/ (accessed 03 06 2023).
- [49] K. W. Mui, L. T. Wong, and L. Y. Law, "Domestic Water Consumption Benchmark development for Hong Kong," *Building Services Engineering Research and Technology*, vol. 28, no. 4, pp. 329–335, 2007. doi:10.1177/0143624407084181
- [50] Aquaterra, "International comparisons of domestic per capita consumption," Environment Agency UK, Bristol, 2008.
- [51] BSI, *BS* 6700:2006+A1:2009, BSI, 2009.
- [52] CIBSE, CIBSE Guide- G, CIBSE, 2009.
- [53] Support to Colombo Urban Regeneration Project, Contract Documents, 2021.
- [54] NWSDB, NWSDB Preliminary Clearance (Development Stage) Colombage Mawatha Housing Project (SCURP), NWSDB, 2021.

- [55] S.-H. Jung, "Sample Size Estimation and power analysis: Longitudinal Data," Handbook of Statistical Methods for Randomized Controlled Trials, pp. 301– 314, 2021. doi:10.1201/9781315119694-14
- [56] J. Mikulik, "Energy Demand Patterns in an office building: A case study in Kraków (southern Poland)," *Sustainability*, vol. 10, no. 8, p. 2901, 2018. doi:10.3390/su10082901
- [57] "Energy efficiency building code for commercial buildings in Sri Lanka," Compendium of Sustainable Energy Laws, pp. 323–341, 2005. doi:10.1017/cbo9780511664885.038`
- [58] "Energy Consumption Benchmark Analysis," Sri Lanka Sustainable Energy Authority.
- [59] L. Mlotek, "Innovation in design," *LeadingGreen*, pp. 131–134, 2023. doi:10.1201/9781003405856-10
- [60] W. H. C. D. Kumara, K. G. A. S. Waidyasekara, and R. P. N. P. Weerasinghe, "Building Management System for Sustainable Built Environment in Sri Lanka," *Built Environment Project and Asset Management*, vol. 6, no. 3, pp. 302–316, 2016. doi:10.1108/bepam-02-2015-0004
- [61] J. C. Lam, R. Y. C. Chan, C. L. Tsang, and D. H. W. Li, "Electricity use characteristics of purpose-built office buildings in subtropical climates," *Energy Conversion and Management*, vol. 45, no. 6, pp. 829–844, 2004. doi:10.1016/s0196-8904(03)00197-3
- [62] S. Kinney and M. A. Piette, *California Commercial Building Energy* Benchmarking, 2003. doi:10.2172/842735