



## DAFTAR PUSTAKA

- Addahlawi, H. A., Mustaghfiroh, U., Ni'mah, L. K., Sundusiyah, A., & Hidayatullah, A. F., 2020, Implementasi prinsip good environmental governance dalam pengelolaan sampah di Indonesia. *Jurnal Green Growth Dan Manajemen Lingkungan*, 8(2), 457124.
- Ali, M., Ullah, S., Ahmad, M. S., Cheok, M. Y., and Alenezi, H., 2023, Assessing the impact of green consumption behavior and green purchase intention among millennials toward sustainable environment, *Environmental Science and Pollution Research*, 30(9), 23335-23347.
- Agus, D., 2024, 500 Ton Tumpukan Sampah di Depo Kota Jogja Dievakuasi, Masih Sisa 750 Ton, *detikJogja*, Online accessed on Feb 2025. Available at : <https://www.detik.com/jogja/berita/d-7367966/500-ton-tumpukan-sampah-di-depo-kota-jogja-dievakuasi-masih-sisa-750-ton>.
- Apriadi, B. F., Setiawan, R. P., and Firmansyah, I., 2024, Policy scenario of plastic waste mitigation in Indonesia using system dynamics, *Waste Management & Research*, 0734242X241231396.
- Astono, W., Purwaningrum, P. and Wahyudyanti, R., 2015, Perencanaan tempat pembuangan akhir sampah dengan menggunakan metode *Sanitary Landfill* studi kasus: Zona 4 TPA Jatiwaringin, Kabupaten Tangerang. *Indonesian Journal of Urban and Environmental Technology*, 7(1), pp.7-16.
- Baidarus, M., 2018, Analisis Dampak Ekstensifikasi Barang Kena Cukai pada Kantong Plastik terhadap Perekonomian Indonesia, *Jurnal BPPK: Badan Pendidikan dan Pelatihan Keuangan*, 11(2), 1-11.
- Balwada, J., Samaiya, S., and Mishra, R. P., 2021, Packaging plastic waste management for a circular economy and identifying a better waste collection system using analytical hierarchy process (AHP), *Procedia CIRP*, 98, 270-275.
- Bapenas, 2023, Laporan Kajian Lingkungan Hidup Strategis Rencana Pembangunan Jangka Panjang Nasional 2025-2045, Kementerian PPN.
- Bapenas, 2023, Analisis Potensi Off-taker Refuse Derived Fuel (RDF) untuk mendukung pengembangan pengolahan sampah ramah iklim yang terintegrasi, Kementerian PPN.
- Bogusz, M., Matysik-Pejas, R., Krasnodębski, A., and Dziekański, P., 2021, The concept of zero waste in the context of supporting environmental protection by consumers, *Energies*, 14(18), 5964.
- Ceschi, A., Sartori, R., Dickert, S., Scalco, A., Tur, E. M., Tommasi, F., and Delfini, K., 2021, Testing a norm-based policy for waste management: An agent-based



modeling simulation on nudging recycling behavior, *Journal of Environmental Management*, 294, 112938.

Cervantes, D.E.T., Martínez, A.L., Hernández, M.C. and de Cortázar, A.L.G., 2018, Using indicators as a tool to evaluate municipal solid waste management: A critical review. *Waste management*, 80, pp.51-63.

Cetrulo, T. B., Marques, R. C., Cetrulo, N. M., Pinto, F. S., Moreira, R. M., Mendizábal-Cortés, A. D., & Malheiros, T. F., 2018, Effectiveness of solid waste policies in developing countries: A case study in Brazil, *Journal of cleaner production*, 205, 179-187.

Darmanto, S., 2023, Laporan Kinerja Instansi Pemerintah (LKIP) Dinas Lingkungan Hidup Kota Yogyakarta Tahun 2023, DLH Kota Yogyakarta.

Dhanshyam, M., and Srivastava, S. K., 2021, Effective policy mix for plastic waste mitigation in India using System Dynamics. Resources, *Conservation and Recycling*, 168, 105455.

Damanhuri and Padmi, 2010, Pengelolaan Sampah, Diktat Kuliah TP-3104. Bandung: Program Studi Teknik lingkungan, Institut Teknologi Bandung.

DIY, H. P., , 2024, Pemda DIY Resmi Tutup TPA Piyungan, Available at : <https://jogjaprov.go.id/berita/pemda-diy-resmi-tutup-tpa-piyungan>, online accessed on June 2024.

Devina, V., 2022, Cara Menghitung Proyeksi Penduduk, Zenius Education, Available at: <https://www.zenius.net/blog/proyeksi-penduduk/>. Online accessed on June 2025.

Ertz, M., Favier, R., Robinot, É., and Sun, S., 2021, To waste or not to waste? Empirical study of waste minimization behavior, *Waste Management*, 131, 443-452.

Fitria, S., Purwaningrum, P. & Indrawati, D., 2018, Analisis Potensi Daur Ulang Sampah di Kabupaten Lima Puluh Kota, Provinsi Sumatera Barat, dalam *Prosiding Seminar Nasional Cendekiawan ke 4 Tahun 2018: Buku 1: "Teknik, Kedokteran Hewan, Kesehatan, Lingkungan dan Lanskap"*

Gusakov, A., Ameir, O., Chlopecký, J., Horák, V., and Pecha, R., 2023, Exploring the potential of using system dynamics to develop a regulatory policy for a plastic waste management system, *Strategic Management and its Support by Information Systems, SMSIS*, 9788024846873.

Hafsah, A. K., and Asih, A. M. S., 2021, Household behavior on plastic waste separation in Indonesia, *IEOM Society International*, 2493-2504.

Haryoko, A., 2024, Menengok Pengelolaan Sampah jadi RDF di tps 3R Nitikan Yogya, <https://warta.jogjakota.go.id/detail/index/33358> . online accessed on June 2024.

Haryoko, A., 2024, Pemkot Yogyakarta Bakal Maksimalkan Kerjasama Pengolahan Sampah dengan Swasta, Available at :



<https://jogja.tribunnews.com/2024/05/15/pemkot-yogyakarta-bakal-maksimalkan-kerja-sama-pengolahan-sampah-dengan-swasta>

- Handiyatmo, D., Sahara, I., Rangkuti, H., 2010, *Pedoman Penghitungan Proyeksi Penduduk dan Angkatan Kerja*. Jakarta: Badan Pusat Statistik.
- Haydar, S., 2024, A system dynamics model and analytical hierarchy process: an integrated approach for achieving sustainable solid waste management system, *Environmental Science and Pollution Research*, 31(5), 6992-7007.
- He, Z., Xiong, J., Ng, T. S., Fan, B., and Shoemaker, C. A., 2017, Managing competitive municipal solid waste treatment systems: An agent-based approach, *European Journal of Operational Research*, 263(3), 1063-1077.
- Hendra, Y., 2016, Perbandingan sistem pengelolaan sampah di Indonesia dan Korea Selatan: kajian 5 aspek pengelolaan sampah, *Jurnal Masalah-masalah Sosial*, 7(1), 77-91.
- Hidayah, H.S.N., 2025, Penutupan TPA Open Dumping, Secerch Titik Terang untuk Masa Depan, Bebas Sampah ID, Available at : <https://bebassampah.id/public/perpustakaan/2032/penutupan-tpa-open-dumping,-secerch-titik-terang-untuk-masa-depan> , online accessed on May 2025
- Hoang, A. T., Varbanov, P. S., Nižetić, S., Sirohi, R., Pandey, A., Luque, R., and Ng, K. H., 2022, Perspective review on Municipal Solid Waste-to-energy route: Characteristics, management strategy, and role in circular economy, *Journal of cleaner production*, 359, 131897.
- Johansson, G. & Söderlund, F., 2019, *Sweden's proposed excise tax on plastic bags: Using a stated preference method to evaluate outcomes*. Bachelor's thesis in Economics, University of Gothenburg.
- Karin, A. A., 2024, Dua TPS 3R Belum Beroperasi, Sampah di Kota Jogja Diolah Swasta Pakai Sistem Tipping Fee, Available at : <https://jogjapolitan.harianjogja.com/read/2024/05/02/510/1173191/dua-tps-3r-belum-beroperasi-sampah-di-kota-jogja-diolah-swasta-pakai-sistem-tipping-fee>, online accessed on June 2024
- Karin, A.A., 2024, DPRD Kota Jogja Anggarkan Pengadaan 2 Mesin Insenerator, Ditargetkan siap Tahun Depan, Available at : <https://jogjapolitan.harianjogja.com/read/2024/06/05/510/1176927/dprd-kota-jogja-anggarkan-pengadaan-2-mesin-insenerator-ditargetkan-siap-pakai>, online accessed on April 2025
- Kerdlap, P., Low, J. S. C., and Ramakrishna, S., 2019, Zero waste manufacturing: A framework and review of technology, research, and implementation barriers for enabling a circular economy transition in Singapore, *Resources, conservation and recycling*, 151, 104438.



- Kirchherr, J., Reike, D., Hekkert, M., 2017, Conceptualizing the circular economy: An analysis of 114 definitions, *Resources, Conservation and Recycling*, 127. 221-232. p. doi: 10.1016/j.resconrec.2017.09.005.
- KLHK, 2024, Sistem Informasi Pengelolaan Sampah Nasional. Available at : <https://sipsn.menlhk.go.id/sipsn/>. online accessed on June 2024.
- Kuosmanen, T., and Kortelainen, M., 2007, Valuing environmental factors in cost benefit analysis using data envelopment analysis. *Ecological Economics*.
- Leon, Yosef., 2024, Pemkot Jogja dan Pemkab Bantul Kerja Sama Pengolahan Sampah di Bawuran, Harian Jogja, Available at: <https://jogjapolitan.harianjogja.com/read/2024/05/17/510/1174821/pemkot-jogja-dan-pemkab-bantul-kerja-sama-pengolahan-sampah-di-bawuran>. Accessed : July 2024.
- Martha, I, 2024, TPA Over Kapasitas, Bukti Belum Efektifnya Pengelolaan Sampah di Indonesia?, Waste4change, Available at: <https://waste4change.com/blog/tpa-over-kapasitas-bukti-belum-efektifnya-pengelolaan-sampah-di-indonesia>. accessed : March, 25, 2025. [Online].
- Mmereki, D., Baldwin, A., & Li, B., 2016, A comparative analysis of solid waste management in developed, developing and lesser developed countries, *Environmental technology reviews*, 5(1), 120-141.
- Medrilzam, 2023, Darurat Sampah di Indonesia, Available at : <https://lcdi-indonesia.id/2023/03/07/darurat-sampah-di-indonesia/> . online accessed on May 2024.
- Mingers, J., White, L., 2010, A review of the recent contribution of systems thinking to operational research and management science, *Eur. J. Oper. Res*, 207, 1147–1161.
- Musgrave, R. A., and Musgrave, P. B., 1989, Public finance in theory and practice, *McGraw-Hill*, New York.
- Nagu, N., and Ahadian, E. R., 2018, Solid waste management: mapping of temporary waste sites and potential wild solid waste in Ternate City, *In International Conference on Science and Technology (ICST 2018)*, (pp. 398-402).
- Nas, T. F., 1996, Cost-Benefit Analysis Theory and Application, *Sage Publications Inc.*
- Ndii, M.Z., 2022, *Pemodelan Matematika*, Jakarta, PT. Nasya Expanding Management.
- Otivriyanti, G., Tilottama, R. D., Meilani, S. S., Fani, A. M., & Purwanta, W., 2023, Kajian Strategi Pengurangan Sampah dan Potensi Penerapan Ekonomi Sirkuler Pada Pengelolaan Sampah di Kabupaten Toba Sumatera Utara: *Study of Waste Reduction Strategy and The Potential Application of Circular Economy in Solid Waste Management in Toba Regency of North Sumatera*. *Jurnal Teknologi Lingkungan*, 24(2), 220-227.



- Pasaribu, S.B., Herawati, A., Utomo, K.W. & Aji, R.H.S., 2022, *Metodologi Penelitian untuk Ekonomi dan Bisnis*. Tangerang: Media Edu Pustaka.
- Phelia, A., 2019, Kajian Evaluasi Tpa Dan Analisis Biaya Manfaat Sistem Pengelolaan Sampah Di Tpa (Studi Kasus TPA Bakung Kota Bandar LPhelia, A., & Damanhuri, E.(2019), *Kajian Evaluasi Tpa Dan Analisis Biaya Manfaat Sistem Pengelolaan Sampah Di Tpa (Studi Kasus TPA Bakung)*
- Pinha, A.C.H. and Sagawa, J.K., 2020, A system dynamics modelling approach for municipal solid waste management and financial analysis. *Journal of Cleaner Production*, 269, p.122350.
- Putri, R., 2015, Cost-Benefit Analysis for Waste Management Project (Case Study in Bank Sampah Malang), *Doctoral dissertation, Universitas Brawijaya*, Malang.
- Razak, A. H., 2025, Perda Sampah Terbaru Akan Atur Tipping Fee Sampah, *Harian Jogja*, at:<https://jogjapolitan.harianjogja.com/read/2025/01/23/511/1201881/perda-sampah-terbaru-akan-atur-tipping-fee-sampah>, online accessed on May 2025.
- Rinepta, A.G., 2024, DLH Jogja Beberkan Rencana Sistem Pembayaran di Kebijakan Retribusi Sampah, Available at: <https://www.detik.com/jogja/berita/d-7625182/dlh-jogja-beberkan-rencana-sistem-pembayaran-di-kebijakan-retribusi-sampah>, online accessed on May 2025.
- Rubbyatna, A., 2009, Kajian faktor-faktor yang mempengaruhi penentuan lokasi transfer depo sampah (TDS) di Kota Slawi Kabupaten Tegal, *Tesis Magister, Universitas Diponegoro*
- Sari, C. N., Al-illahiyah, L. H., Kaban, L. B., Hasibuan, M. R., Nasution, R. H., and Sari, W. F., 2023, Keterbatasan Fasilitas Tempat Pembuangan Sampah Dan Tantangan Kesadaran Masyarakat Dalam Pengelolaan Sampah (Studi Kasus Di Desa Jandi Meriah Kec. Tiganderket Kab. Karo), *Journal Of Human And Education (JAHE)*, 3(2), 268-276.
- Sari, P. N., 2022, Analisis Pengaruh Zero Waste Lifestyle dan Green Perceived Value Terhadap Minat Pembelian, *Jurnal Ekobistek*, 382-388.
- Setya, N. D., & Sutana, I. W., 2024, Pengelolaan Sampah Berbasis Ekonomi Sirkular dan Implikasinya bagi Indonesia : Studi Kasus Kota Balikpapan, Kementerian Keuangan Republik Indonesia.
- Setyani, A., Anggraini, D., & Azahria, A. H., 2024, Dinamika Peran Tpa Piyungan Dalam Konservasi Sumber Daya Alam Di Wilayah Sekitar, *CONSERVA*, 2(02), 89-97.
- Sediawan, W.B., Prasetya, A. and Syarif, T., 2021, *Pemodelan Matematis dan Penyelesaian Numeris dalam Teknik Kimia dengan Pemrograman Bahasa Matlab*. Yogyakarta: Gadjah Mada University Press.
- Sidik, U. S., 2020, Peningkatan Kapasitas Pemerintah Daerah dalam Pengelolaan Sampah melalui Implementasi Pengurangan dan Penanganan Sampah, *Kementerian Lingkungan Hidup dan Kehutanan*.



- Sila, N., 2023, Telaah Kondisi Terkini TPA di Indonesia: Solusi atau Ancaman?. Available at : <https://unair.ac.id/telaah-kondisi-terkini-tpa-di-indonesia-solusi-atau-ancaman/> , online accessed on May 2024.
- Suhartini, S., 2024, Jogja Darurat Sampah: Kajian Ekolinguistik. In *Seminar Nasional Riset Inovatif* (Vol. 9).
- Surjandari, I., Hidayatno, A., & Supriatna, A., 2009, Model dinamis pengelolaan sampah untuk mengurangi beban penumpukan, *Jurnal Teknik Industri: Jurnal Keilmuan dan Aplikasi Teknik Industri*, 11(2), 134-147.
- Sweeney, L.B., and Sterman, J.D., 2000, Bathtub dynamics: initial results of a systems thinking inventory, *Syst. Dyn. Rev.* 16,249-286.
- Tong, X., Nikolic, I., Dijkhuizen, B., van den Hoven, M., Minderhoud, M., Wäckerlin, N., and Tao, D., 2018, Behaviour change in post-consumer recycling: Applying agent-based modelling in social experiment, *Journal of Cleaner Production*, 187, 1006-1013.
- Tchobanoglous, G., J. Theisen., S. A. Vigil., 1993, Integrated solid waste management, Engineering principles and management issues, McGraw Hill International Editions, New York
- Trihadiningrum, Y., Wignjosoebroto, S., Simatupang, N.D., Tirawaty, S. & Damayanti, O., 2006, 'Reduction capacity of plastic component in municipal solid waste of Surabaya City, Indonesia', in *Proceedings of International Seminar on Environmental Technology and Management Conference 2006*. Bandung, 7–8 September.
- Tu, B., Pan, M., Zuo, J., Chang, R. D., J. Webber, R., Zou, Z., and Dong, N., 2023, Cost–benefit analysis of construction waste source reduction: a system dynamics approach, *Environmental Science and Pollution Research*, 30(1), 557-577.
- Widmarija, A., Isumunandar, A. I., Fernando, B., Ramdani, J., and Kustiwan, I., 2023, Zoning Analysis of Temporary Landfill in Bandung City Based on Geographic Information System. *ITB Graduate School Conference*, (Vol. 3, No. 1, pp. 139-151).
- Wielgosinski, G., Czerwińska, J. and Szufa, S., 2021, Municipal solid waste mass balance as a tool for calculation of the possibility of implementing the circular economy concept. *Energies*, 14(7), p.1811.
- Xiao, S., Dong, H., Geng, Y., Tian, X., Liu, C., and Li, H., 2020, Policy impacts on Municipal Solid Waste management in Shanghai: A system dynamics model analysis, *Journal of Cleaner Production*, 262, 121366.
- Yolanda, I.R. and Saputra, A.H., 2021, 'Penerapan Kebijakan Ekstensifikasi Barang Kena Cukai Terhadap Produk Plastik di Indonesia', *Jurnal Perspektif Bea dan Cukai*, 5(2), pp. 290.