

DAFTAR PUSTAKA

- Alves, M. J., dan Clímaco, J., 2009, Multi-Objective Mixed Integer Programming, in Encyclopedia of Optimization, Springer, 2454-2460
- Alan, G., 2018, Analisis Peran Organisasi Pemberdayaan Masyarakat dan Alur Pengelolaan Sampah oleh Sektor Informal di TPST Piyungan Bantul Yogyakarta, Fakultas Teknik Sipil dan Perencanaan, Universitas Islam Indonesia, Yogyakarta.
- Anggraini, G., Amalia, D., Hermawan, F., & Ismiyati, I., 2017, Standarisasi Penataan Pasar Tradisional di Indonesia (Studi Kasus Revitalisasi Pasar di Kota Semarang). Konferensi Nasional Teknik Sipil 11, Universitas Tarumanagara, 26-27 Oktober 2017.
- Badan Pusat Statistik Kabupaten Sleman, 2024, Kabupaten Sleman dalam Angka: Sleman Regency in Figures 2024 (Volume 48). Badan Pusat Statistik Kabupaten Sleman.
- Badan Standardisasi Nasional. (2015). Peraturan Kepala Badan Standardisasi Nasional Nomor 7 Tahun 2015 tentang Skema Sertifikasi Pasar Rakyat Badan Standardisasi Nasional.
- Bhattacharjee, A. (n.d.). 10.3: Factorial Designs. In Social Science Research: Principles, Methods, and Practices. LibreTexts. University of South Florida via Global Text Project, [https://socialsci.libretexts.org/Bookshelves/Social_Work_and_Human_Services/Social_Science_Research_Principles_Methods_and_Practices_\(Bhattacharjee\)/10%3A_Experimental_Research/10.03%3A_Factorial_Designs](https://socialsci.libretexts.org/Bookshelves/Social_Work_and_Human_Services/Social_Science_Research_Principles_Methods_and_Practices_(Bhattacharjee)/10%3A_Experimental_Research/10.03%3A_Factorial_Designs), (online accessed 4 September 2025)
- Brito, M. P., dan Dekker, R., 2002, Reverse Logistics – A Framework. Econometric Institute Report EI 2002-38. Erasmus University Rotterdam

- Chandra, I., dan Trihadiningrum, Y., 2017, Kajian Pengelolaan Limbah Elektronik di Unit Pendidikan ITS. *JURNAL TEKNIK ITS*, 6(2)
- Chen, W., Liu, Y., & Han, M., 2024, Designing A Sustainable Reverse Logistics Network For Used Cell Phones Based on Offline and Online Trading Systems, *Journal of Environmental Management*, Elsevier, 354, 120417.
- Chircop, K., dan Mangion, D.Z., 2012, *On ϵ -Constraint Based Methods for The Generation of Pareto Frontiers*, David Publishing
- Clarke, G., dan Wright, J.W., 1964, Scheduling of Vehicles from Central Depot to a Number of Delivery Points, *Operations Research*, 12, 568-581
- Dewantara, 2023, Pemkab Kulon Progo Gelontorkan Rp 8 M Peluas TPA Banyuroto, <https://www.detik.com/jogja/berita/d-6840844/pemkab-kulon-progo-gelontorkan-rp-8-m-perluas-tpa-banyuroto?>, (online accessed 28 Agustus 2025)
- Diaz, J. D. R., dan Amin, S. H., 2025, A Multi-Objective Optimization Approach For Sustainable Management of Computers E-Waste in A Closed-Loop Supply Chain Network, *Journal of Cleaner Production*, Elsevier, 506, 145494.
- Doan, L. T. T., Amer, Y., Lee, S. H., dan Phuc, P. N. K., 2018, Optimizing The Total Cost Of An E-Waste Reverse Supply Chain Considering Transportation Risk, *Operations and Supply Chain Management*, 11(3), 151–160. ISSN 1979-3561, EISSN 2759-9363.
- Duman, G. M., Kongar, E., dan Gupta, S. M., 2020, Predictive Analysis Of Electronic Waste For Reverse Logistics Operations: A Comparison Of Improved Univariate Grey Models, *Soft Computing*, 24, 15747-15762.
- Dhinggar, N. dan Najicha, F. U., 2024, Dampak Sampah Elektronik (E-Waste) Terhadap Lingkungan Hidup, *Kairos: Jurnal Ilmiah*, 4(2), pp. 52
- Dinas Kependudukan dan Pencatatan Sipil Kabupaten Bantul, 2024, Data Agregat Kependudukan Kabupaten Bantul Semester II Tahun 2024. Dinas Kependudukan dan Pencatatan Sipil Kabupaten Bantul.
- Dinas Kependudukan dan Pencatatan Sipil Kabupaten Gunungkidul, 2024, Data Agregat Kependudukan Kabupaten Gunungkidul Semester II Tahun 2024. Dinas Kependudukan dan Pencatatan Sipil Kabupaten Gunungkidul.
- Dinas Kependudukan dan Pencatatan Sipil Kabupaten Kulon Progo, 2024, Data Agregat Kependudukan Kabupaten Kulon Progo Semester II Tahun 2024.
- Dinas Kependudukan dan Pencatatan Sipil Kota Yogyakarta, 2024, Data Agregat Kependudukan Kota Yogyakarta Semester II Tahun 2024. DKB (Data Konsolidasi Bersih) Semester 2 Tahun 2024.



Dinas Lingkungan Hidup dan Kehutanan DIY, 2025, Program dan Kegiatan Tahun Anggaran 2025

European Committee of Domestic Equipment Manufacturers, 2017, Material Flow of the Home Appliances Industry, United Nations University

Exchange-Rates.org., USD ke IDR: Konversi Dolar Amerika Serikat ke Rupiah Indonesia, <https://www.exchange-rates.org/id/konverter/usd-idr> (online accessed 24 September 2025)

Feller, W., 1950, An Introduction to Probability Theory and Its Applications (Vol. 1), John Wiley and Sons

Fornalczyk, A., Willner, J., Francuz, K., dan Cebulski, J., 2013, E-waste As a Source of Valuable Metals. Archives of Materials Science and Engineering, 63(2), 87-92

Forti V., Baldé C.P., Kuehr R., Bel G., 2020, The Global E-waste Monitor 2020: Quantities, flows and the circular economy potential. United Nations University (UNU)/United Nations Institute for Training and Research (UNITAR) – co-hosted SCYCLE Programme, International Telecommunication Union (ITU) & International Solid Waste Association (ISWA), Bonn/Geneva/Rotterdam.

Fortune Business Insights, 2024, *Consumer Electronics Market*, <https://www.fortunebusinessinsights.com/consumer-electronics-market-104693> (online accessed 12 April 2025)

Gao, X., dan Cao, C., 2020, A Novel Multi-Objective Scenario-Based Optimization Model For Sustainable Reverse Logistics Supply Chain Network Redesign Considering Facility Reconstruction, Journal of Cleaner Production, Elsevier, 270, 122405.

Genchev, 2009, S.E., Reverse Logistics Program Design: A Company Study, Business Horison, 52(2), 139–148

GIZ, 2019, Moving Towards Green Logistics in Indonesia- A Status Analysis. Sector Baseline Analysis and Identification of Main Challenges and Action Levers for Green Freight Transport in Indonesia.

Glover, F., 1989, Tabu Search-Part I, Informs Journal on Computing 1(3):190-206.

Gneezy, U., dan Rustichini, A., 2000, Pay Enough or Don't Pay at All, The Quarterly Journal of Economics, 115(3), 791–810. the President and Fellows of Harvard College and the Massachusetts Institute of Technology.

Guide, V. D. R., Harrison, T. P., dan Van Wassenhove, L. N., 2003, The Challenge of Closed Loop Supply Chains. Interfaces, 33(6), 3–6



- Haimes. Y., Lasdon, L., dan Wismer, D., 1971, On A Bicriterion Formulation of The Problems of Integrated System Identification and System Optimization, *IEEE Transactions on Systems, Man, and Cybernetics*, 1:296-297.
- Hidayat, F., Pralaya, A., Rahmadani, A. A., & Nugrahayu, Q., 2019, Studi Pengelolaan Sampah Elektronik (e-WASTE) Rumah Tangga di Kota Yogyakarta dan Kecamatan Perkotaan Kabupaten Sleman, Konferensi Nasional Inovasi Lingkungan Terbangun – FTSP UII.
- Hoos, H.H., dan Tsang, E., 2006, Chapter 5-Local Search Methods, *Foundations of Artificial Intelligence*, 2, 135-167.
- Humas Pemda, 2025, Berubah Sistem, Kapasitas TPST Wukirsari Naik Hampir 50%, <https://jogjaprov.go.id/berita/detail-berita/berubah-sistem-kapasitas-tpst-wukirsari-naik-hampir-50?>, (online accessed 28 Agustus 2025)
- Humas Pemda, 2025, TPA Piyungan Dibuka Darurat, Bantu Tuntaskan Persoalan Sampah Kota Yogyakarta, <https://jogjaprov.go.id/berita/detail-berita/tpa-piyungan-dibuka-darurat-bantu-tuntaskan-persoalan-sampah-kota-yogyakarta?utm>, (online accessed 28 Agustus 2025)
- Islam, M. T., Nizami, M. S. H., Mahmoudi, S., dan Huda, N., 2021, Reverse Logistics Network Design For Waste Solar Photovoltaic Panels: A Case Study of New South Wales Councils in Australia, *Waste Management & Research*, SAGE, 39(2), 386-395.
- Jauhar, S. K., Amin, S. H., dan Zolfagharinia, H., 2021, A Proposed Method For Third-Party Reverse Logistics Partner Selection and Order Allocation in The Cellphone Industry, *Computers & Industrial Engineering*, 162, 107719.
- Jenkins, A., 2025, Calculating Warehouse Capacity: How to Calculate and Maximize Warehouse Space. Oracle NetSuite, <https://www.netsuite.com/portal/resource/articles/inventory-management/calculating-warehouse-capacity.shtml> (online accessed 10 September 2025).
- Kahneman, D., dan Tversky, A., 1979, Prospect theory: An Analysis of Decision Under Risk, *Econometrica*, 47(2), 263-291
- Kahneman, D., 2011, Thinking, Fast and Slow. *Statistical Papers*, 55, 915-917
- Kang, K., dan Tan, B. Q., 2025, Multi-Echelon Reverse Logistics Network Design in The Context of Circular Economy: A Hong Kong Case Study, *Humanities & Social Sciences Communications*, 12:40.
- Kannan, D., Solanki, R., Darbari, J. D., Govindan, K., & Jha, P. C., 2023, A Novel Bi-Objective Optimization Model for An Eco-Efficient Reverse Logistics Network Design Configuration, *Journal of Cleaner Production*, 394, 136357.

Direktorat Jenderal Pengelolaan Sampah, Limbah, dan B3.

Kumar, S., dan Putnam, V., 2008, Cradle to Cradle: Reverse Logistics Strategies and Opportunities Across Three Industry Sectors, *International Journal of Production Economics*, 115(2), 305–315

Maheó, A., Rossit, D. G., dan Kilby, P., 2023, Solving The Integrated Bin Allocation and Collection Routing Problem For Municipal Solid Waste: A Benders Decomposition Approach, *Annals of Operations Research*, 322, 441-465.

Mallari, C. B., Juan, J. L. S., dan Bongo, M., 2023, Modelling The Vehicle Routing Problem With Delivery and Pickup in E-Commerce Forward-Reverse Logistics Networks Based on The Triple Bottom Line Framework, *Chemical Engineering Transactions*, 103, 463-468.

Meidl, R. A., 2023, Closing The Loop on The World's Fastest-Growing Waste Stream: Electronics. Baker Institute for Public Policy.

Mintrom, M., 2015, Herbert A. Simon, *Administrative Behavior: A Study of Decision-Making Processes in Administrative Organization*. In M. Lodge, E. C. Page, & S. J. Balla (Eds.), *The Oxford Handbook of Classics in Public Policy and Administration*, Oxford University Press, 1-18.

Mirjalili, S., Mirjalili, S. M., and Lewis, A., 2014, Grey wolf optimizer. *Advances in engineering software*, 69, 46–61.

Montgomery, Douglas C. dan George C. Runger., 2003, *Applied Statistics and Probability for Engineers – Third Edition*. New York: John Wiley & Sons

Moore, R., 2005, Reverse Logistics-the Least Used. White Paper, UPS Supply Chain Solutions Move and Care, 2025, How Long Does It Really Take To Move?, <https://move-and-care.com/moving-blog/how-long-does-it-really-take-to-move?>, (online accessed 10 September 2025)

Muncar, D.J., 2018, "Pungut Bahan Baku Rongsokan, Laku Keras Saat Hawa Panas," Radar Banyuwangi, <https://radarbanyuwangi.jawapos.com/features/7587439/pungut-bahan-baku-rongsokan-laku-keras-saat-hawa-panas>, (online accessed 25 Agustus 2025)

Najm, H., dan Asadi-Gangraj, E., 2024, Designing A Robust Sustainable Reverse Logistics to Waste of Electrical and Electronic Equipment: A Case Study. *International Journal of Environmental Science and Technology*, 21, 1559-1574.

Neto, G.C.O., Araujo, S.A., Gomes, R.A., Alliprandini D.H., Flausion, F.R., Amorim, M., 2023, Simulation of Electronic Waste Reverse Chain for The Sao Paulo Circular

- Economy: An Artificial Intelligence-Based Approach for Economic and Environmental Optimizations, *Sensors*, 23, 9046.
- Neto, G. C. O., da Silva, R. N. B., Lima, G. A., de Araújo, S. A., Belan, P. A., Carvalho, D., dan Almeida, C. M. V. B., 2025, Artificial Intelligence-Based Optimization of The WEEE Reverse Chain in São Paulo – Brazil to Promote Economic, Environmental and Social Benefits. *Journal of Cleaner Production*, 521, 146073.
- Novianti, Y., Aini, N., & Fahrizal, E., 2023, Evaluasi Pasar Tradisional: Studi Kasus Pasar Rakyat Krueng Mane [Traditional Market Evaluation: Case Study of Pasar Rakyat Krueng Mane]. Program Studi Arsitektur, Jurusan Teknik Sipil, Fakultas Teknik, Universitas Malikussaleh.
- Nurmalina, R., Muflikh, Y. N., Suprehatin, V., Miranda, A., Zahidah, A. N., Ulfa, A., Tarigan, A. C. A., Noviyanti, A., Tambung, A., Hutagalung, B., Hasna, D. H. A. I., Sarroh, E. M. S., Zubedi, F. F., Wahyuni, F., Malenda, M., Triana, M., Ammaryl, N., Ash-Sholihah, N., Nafisah, N., Rizka, R. A., Hidayah, R. N., Sasakania, S. O. M., Ghaissan, S., Putri, S. D. K., Sujianto, S., dan Syafri, Z. R., 2024, Rantai Pasok Agribisnis: Systematic Literature Review. Penerbit IPB Press
- Octora, L., Imran, A., Susanty, S., 2014, Pembentukan Rute Distribusi Menggunakan Algoritma Clarke & Wright Saving dan Algoritma Sequential Insertion, *Jurnal Online Institut Teknologi Nasional*, No 02, Vol 02
- Odoyo, C. O. dan Munialo, S., 2020, Impacts of Electronic Wastes on Environment and Human Health, *International Journal of Scientific and Engineering Research*, 11(5), <http://www.ijser.org> (online accessed 12 April 2025)
- Paminto, A. K., Lautetu, L. M., Prayoga, M. B. R., R., C. M., dan Debora, D. D., 2024, Evaluasi Pengelolaan Limbah Elektronik di Indonesia. *Waste, Society, and Sustainability (WASS)*, 1(1), 1–22
- Parry, S., 2024, Ordinal Logistic Regression Models and Statistical Software: What You need to Know. Cornell Statistical Consulting Unit
- Pavitasari, K. K. dan Najicha, F. U., 2022, Pertanggungjawaban Pihak Ketiga Jasa Pengolah Limbah B3 Dalam Mengelola Limbah B3, *Tanjungpura Law Journal*, 6(1).
- PERTAMINA, 2025, Daftar Harga Bahan Bakar Khusus Non Subsidi TMT 1 Juli 2025 (Semua Zona), <https://www.pertamina.com/news/daftar-harga-bahan-bakar-khusus-non-subsidi-tmt-1-juli-2025-semua-zona>, (online accessed 10 September 2025)

- Rahmadani, A. A., 2019, Studi Pengelolaan Sampah Elektronik (e-WASTE) Rumah Tangga di Kota Yogyakarta Bagian Selatan. Universitas Islam Indonesia, Program Studi Teknik Lingkungan.
- Raychaudhuri, S., 2008, Introduction to Monte Carlo Simulation, Proceedings of the 2008 Winter Simulation Conference, 91-100
- Saavedra, Y. M. B., Barquet, A. P. B., Rozenfeld, H., Forcellini, F. A., dan Ometto, A. R., 2013, Remanufacturing in Brazil: Case Studies on The Automotive Sector. Journal of Cleaner Production, 53, 267–276.
- Safdar, N., Khalid, R., Ahmed, W., dan Imran, M., 2020, Reverse Logistics Network Design of E-Waste Management Under The Triple Bottom Line Approach, Journal of Cleaner Production, 272, 122662.
- Sari, D. P., 2022, Pengembangan Model Jaringan Pengelolaan Limbah Elektronik Dengan Mempertimbangkan Perilaku Konsumen, Disertasi, Program Studi Doktor Teknik Industri, Universitas Gadjah Mada, Yogyakarta
- Sarjono, H., 2014, Determination of best route to minimize transportation costs using nearest neighbor procedure. Applied Mathematical Sciences, 8(61–64), 3063–3074.
- Sarok Perkasa, 2025 "Daftar Harga Besi Tua per Kilogram Juli 2025 Sarok Perkasa Pekanbaru, Riau," Sarok Perkasa, <https://www.sarokperkasa.com/2023/06/daftar-harga-rongsokan-elektronik-terbaru-juni-2023-sarok-perkasa-pekanbaru.html?utm>, (online accessed 25 Agustus 2025)
- Sindutrans, 2025, Tarif Sewa Truk Sindu Trans 2025, <https://www.sindutrans.com/sewa-truk-bulanan/?utm>, (online accessed 10 September 2025)
- Singh, A., Goel, A., Chauhan, A., dan Singh, S. K., 2025, Sustainability of Electronic Product Manufacturing Through E-Waste Management and Reverse Logistics, Sustainable Futures, 9, 100490.
- Sun, X., Yu, H., Solvang, W. D., dan Govindan, K., 2024, A Two-Level Decision-Support Framework for Reverse Logistics Network Design Considering Technology Transformation in Industry 4.0: A Case Study in Norway, The International Journal of Advanced Manufacturing Technology, 134, 389-413.
- Tosarkani, B. M., Amin, S. H., dan Zolfagharinia, H., 2020, A Scenario-Based Robust Possibilistic Model for A Multi-Objective Electronic Reverse Logistics Network, International Journal of Production Economics, 224, 107557.



- [UNEP-DTIE] United Nations Environmental Programme Division of Technology, Industry and Economics, 2012, E-waste Volume III: WEEE / E-waste “Take-back system”, UNEP-DTIE International Environmental Technology Centre: Japan
- Wahyono, S., 2012, Kebijakan Pengelolaan Limbah Elektronik Dalam Lingkup Global dan Lokal, *Jurnal Teknik Lingkungan*, 14, 17–23
- Yang, W.D., Sun, Q., & Ni, H.G., 2021, Cost-Benefit Analysis of Metal Recovery From E-Waste: Implications For International Policy. *Waste Management*, 123, 42–47.
- Yang, S., Taghipour, A., dan Canel-Depitre, B., 2017, Cost Optimization of Reverse Logistics: A Review, In *Proceedings of the ICICM'17, August 28-30, 2017, Moscow, Russian Federation*
- Yoshida, A., Terazono, A., Ballesteros, F. C., Nguyen, D. Q., Sunandar, S., Kojima, M., dan Sakata, S., 2016, E-waste Recycling Processes in Indonesia, the Philippines, and Vietnam: A case Study of Cathode Ray Tube TVs and Monitors. *Resources, Conservation and Recycling*, 106, 48-58.
- Yuan, R.R., Liu, M., Chong, A.Y., dan Tan, K.H., 2016, An Empirical Analysis of Consumer Motivation Towards Reverse Exchange. *Supply Chain Management: An International Journal*, 21(2), 180-193
- Zenis, F. M., Fajar, M. Y., dan Ramdani, Y., 2015, Program Linear Multi-Objective Dengan Fixed Weight Method. *Jurnal Matematika*, 14(1), 1-10