

DAFTAR PUSTAKA

- Abdullah, M.H., Hindratmo, A., & Kholili, N. (2021). Pengolahan Sampah Pasar Desa Kunjang Kabupaten Kediri Berbasis *Sustainable Waste Management System* Dan Teknologi Eco Friendly [Market Waste Processing In Kunjang Village, Kediri Regency Based On *Sustainable Waste Management System* And Eco-Friendly Technology]. *Jurnal Sinergitas PKM & CSR*.
- Agamuthu, P., & Fauziah, S. (2010). Challenges and issues in moving towards sustainable landfilling in a transitory country - Malaysia. *Waste Management & Research the Journal for a Sustainable Circular Economy*, 29(1), 13–19. <https://doi.org/10.1177/0734242x10383080>
- Andrews, A., Gregoire, M., Rasmussen, H., & Witowich, G. (2013). Comparison of recycling outcomes in three types of recycling collection units. *Waste Management*, 33(3), 530–535. <https://doi.org/10.1016/j.wasman.2012.08.018>
- Apriadi, B. F., Setiawan, R. P., & Firmansyah, I. (2024). Policy scenario of plastic waste mitigation in Indonesia using system dynamics. *Waste Management & Research the Journal for a Sustainable Circular Economy*. <https://doi.org/10.1177/0734242x241231396>
- Artiningsih, N. K. A., Hadi, S. P., & Syafrudin. (2012). PERAN SERTA MASYARAKAT DALAM PENGELOLAAN SAMPAH RUMAH TANGGA (Studi Kasus di Sampangan & Jomblang, KotaSemarang). *Serat Acitya*, 1(2), 107. <http://eprints.undip.ac.id/18387/>
- Badan Standardisasi Nasional. 2008. SNI 3242:2008: Pengelolaan sampah di permukiman.
- Chifari, R., Lo Piano, S., Matsumoto, S., & Tasaki, T. (2017a). Does recyclable separation reduce the cost of municipal waste management in Japan? *Waste Management*, 60, 32–41. <https://doi.org/10.1016/j.wasman.2017.01.015>
- Chifari, R., Lo Piano, S., Matsumoto, S., & Tasaki, T. (2017b). Does recyclable separation reduce the cost of municipal waste management in Japan?

- Waste Management*, 60, 32–41.
<https://doi.org/10.1016/j.wasman.2017.01.015>
- Chotimah, S. N. (2010). *Pembuatan biogas dari limbah makanan dengan variasi dan suhu substrat dalam biodigester anaerob*.
<https://digilib.uns.ac.id/dokumen/detail/13774>
- Cohen, J. F., Richardson, S., Parker, E., Catalano, P. J., & Rimm, E. B. (2014). Impact of the new U.S. Department of Agriculture School meal standards on food selection, consumption, and waste. *American Journal of Preventive Medicine*, 46(4), 388–394.
<https://doi.org/10.1016/j.amepre.2013.11.013>
- Cucchiella, F., D'Adamo, I., & Gastaldi, M. (2017). *Sustainable Waste Management: Waste to energy plant as an alternative to landfill*. *Energy Conversion and Management*, 131, 18–31.
<https://doi.org/10.1016/j.enconman.2016.11.012>
- Damayanti, A. A., Fuadina, Z. N., Azizah, N. N., Karinta, Y., & Mahardika, I. K. (2021). PEMANFAATAN SAMPAH ORGANIK DALAM PEMBUATAN BIOGAS SEBAGAI SUMBER ENERGI KEBUTUHAN HIDUP SEHARI-HARI. *Eksergi*, 17(3), 182.
<https://doi.org/10.32497/eksergi.v17i03.2803>
- D A P Sari, Taniwiryono D, Andreina R, Nursetyowati P, Irawan D S.(2021).*Utilization of Maggot Black Soldier Fly (BSF) Cultivation for Fish Feed. Proceedings of the International Conference on Industrial Engineering and Operations Management Monterrey, Mexico, November 3-5, 2021*
- D A P Sari, Desi Y, dan Aqil A. (2022).*DESIGN PLANNING OF THE BLACK SOLDIER FLY (BSF) INSTALLATION*. The Seybold Report: DOI 10.5281/zenodo.7500895.
- D A P Sari, Taniwiryono D, Pratiwi N I, Nursetyowati P, Azizi A, Irawan D S, Harahap I H, dan Maskur. (2023). *The Influence of Waste Ration on Waste Consumption Level, Waste Reduction Index, and Growth of Black Soldier Fly Larvae*. MIMSE-C-A 2022, AER 215. Pp 139-152.

- D A P Sari, Taniwiryono D, Andreina R, Irawan D S, Nursetyowati P, Azizi A, Putra P H. (2022). *Utilization of Household Organic Waste as Solid Fertilizer with Maggot Black Soldier Fly (BSF) as A Degradation Agent Journal Of Agricultural Science and Agriculture Engineering.*
- D A P Sari, Taniwiryono D, Andreina R, Irawan D S, dan Nursetyowati P. (2022). Pembuatan Pupuk Organik Cair dari Hasil Pengolahan Sampah Organik Rumah Tangga dengan Bantuan Larva *Black Soldier Fly* (BSF). *Agro Bali: Agricultural Journal* Vol.5 No.1:102-112.
- Diener, S., Zurbrügg, C., & Tockner, K. (2009). Conversion of organic material by black soldier fly larvae: establishing optimal feeding rates. *Waste Management & Research the Journal for a Sustainable Circular Economy*, 27(6), 603–610. <https://doi.org/10.1177/0734242x09103838>
- Diponogoro, Semarang. *Pengelolaan Limbah Padat Sebagai Bagian Penerapan Konsep Green Building* (studi kasus: Kantor Pusat PT Pertamina, Jakarta). Skripsi, Fakultas Teknik, Program Studi Teknik Lingkungan Universitas Indonesia. Depok.
- Ebenezar, S., D, L. P., CS, T., NS, J., R, S., S, C., P, S., & P, V. (2021). Nutritional evaluation, bioconversion performance and phylogenetic assessment of black soldier fly (*Hermetia illucens*, Linn. 1758) larvae valorized from food waste. *Environmental Technology & Innovation*, 23, 101783. <https://doi.org/10.1016/j.eti.2021.101783>
- El-Fadel, M., Findikakis, A. N., & Leckie, J. O. (1997). Environmental impacts of solid waste landfilling. *Journal of Environmental Management*, 50(1), 1–25. <https://doi.org/10.1006/jema.1994.0131>
- Elsaid, S., & Aghezzaf, E. (2015a). A framework for *Sustainable Waste Management*: challenges and opportunities. *Management Research Review*, 38(10), 1086–1097. <https://doi.org/10.1108/mrr-11-2014-0264>
- Elsaid, S., & Aghezzaf, E. (2015b). A framework for *Sustainable Waste Management*: challenges and opportunities. *Management Research Review*, 38(10), 1086–1097. <https://doi.org/10.1108/mrr-11-2014-0264>
- Evode, N., Qamar, S. A., Bilal, M., Barceló, D., & Iqbal, H. M. (2021). Plastic waste and its management strategies for environmental sustainability.

- Case Studies in Chemical and Environmental Engineering*, 4, 100142.
<https://doi.org/10.1016/j.cscee.2021.100142>
- Farahdiba, A. U., Warmadewanthi, I., Fransiscus, Y., Rosyidah, E., Hermana, J., & Yuniarto, A. (2023). The present and proposed sustainable food waste treatment technology in Indonesia: A review. *Environmental Technology & Innovation*, 32, 103256. <https://doi.org/10.1016/j.eti.2023.103256>
- Faustine, V. I. (2023). UPAYA PENGURANGAN SAMPAH PLASTIK DI LAUT INDONESIA BERDASARKAN KONVENSI BASEL 1980 DALAM RANGKA PEMENUHAN TARGET SUSTAINABLE DEVELOPMENT GOALS KE-1. *BELLI AC PACIS*, 8(2), 90. <https://doi.org/10.20961/belli.v8i2.74531>
- Fitriana, E. L., Laconi, E. B., & Jayanegara, A. (2021). Influence of various organic wastes on growth performance and nutrient composition of black soldier fly larvae (*Hermetia illucens*): A meta-analysis. *IOP Conference Series Earth and Environmental Science*, 788(1), 012051. <https://doi.org/10.1088/1755-1315/788/1/012051>
- Freedman, M. R., & Brochado, C. (2010). Reducing portion size reduces food intake and plate waste. *Obesity*, 18(9), 1864–1866. <https://doi.org/10.1038/oby.2009.480>
- Guan, W., Ren, Y., Ma, X., Zhang, S., Zhao, P., Gao, M., Wang, Q., & Wu, C. (2021). Preliminary determination of antibacterial substances during anaerobic preservation of food waste and their effects on methanogenesis. *Environmental Technology & Innovation*, 24, 101813. <https://doi.org/10.1016/j.eti.2021.101813>
- Hantoro, R., Septyaningrum, E., Siswanto, B. B., & Izdiharrudin, M. F. (2020). Hydrochar Production through the HTC Process: Case Study of Municipal Solid Waste Samples in East Java, Indonesia. *Solid Fuel Chemistry*, 54(6), 418–426. <https://doi.org/10.3103/s036152192006004x>
- Hotta, Y., & Aoki-Suzuki, C. (2014). Waste reduction and recycling initiatives in Japanese cities: Lessons from Yokohama and Kamakura. *Waste Management & Research the Journal for a Sustainable Circular Economy*, 32(9), 857–866. <https://doi.org/10.1177/0734242x14539721>

- Indri, I., Sjam, S., Gassa, A., & Dewi, V. S. (2021). Implication of types of feeds combined goat manure for preference black soldier fly (BSF) : *Hermetia illucens* L. *IOP Conference Series Earth and Environmental Science*, 807(2), 022085. <https://doi.org/10.1088/1755-1315/807/2/022085>
- Iroka, O.R., Nwosu, C.P., Idowu, B.M., & Nwankwo, F.M. (2021). The City Of Aba And Goal 12 Of The United Nations Sustainable Development Goals (SDGSs): An Examination. *International Journal of Scientific and Research Publications (IJSRP)*.
- Kallbekken, S., & Sælen, H. (2013). ‘Nudging’ hotel guests to reduce food waste as a win–win environmental measure. *Economics Letters*, 119(3), 325–327. <https://doi.org/10.1016/j.econlet.2013.03.019>
- Koottatep, T. (2023). Non-recyclable plastics: management practices and implications. In *IWA Publishing eBooks* (pp. 285–310). https://doi.org/10.2166/9781789063448_0285
- Lazell, J. (2016). Consumer food waste behaviour in universities: Sharing as a means of prevention. *Journal of Consumer Behaviour*, 15(5), 430–439. <https://doi.org/10.1002/cb.1581>
- Leeabai, N., Suzuki, S., Jiang, Q., Dilixiati, D., & Takahashi, F. (2019). The effects of setting conditions of trash bins on waste collection performance and waste separation behaviors; distance from walking path, separated setting, and arrangements. *Waste Management*, 94, 58–67. <https://doi.org/10.1016/j.wasman.2019.05.039>
- Leknoi, U., Yiengthaisong, A., & Likitlersuang, S. (2024). Social Factors Influencing Waste Separation Behaviour among the Multi-class Residents in a Megacity: A Survey Analysis from a Community in Bangkok, Thailand. *Sustainable Futures*, 100202. <https://doi.org/10.1016/j.sftr.2024.100202>
- Loho, L., & Lo, D. (2023). Proximate and fatty acid analysis of *Black Soldier Fly* Larvae (*Hermetia illucens*). *IOP Conference Series Earth and Environmental Science*, 1169(1), 012082. <https://doi.org/10.1088/1755-1315/1169/1/012082>

- Lombardi, L., & Castaldi, M. J. (2024). Energy Recovery from Residual Municipal Solid Waste: State of the Art and Perspectives within the Challenge to Climate Change. *Energies*, 17(2), 395. <https://doi.org/10.3390/en17020395>
- Lundberg, M., & Wallin, C. M. (2016). *Reducing paper waste to improve resource efficiency at a Swedish printing and packaging company*. <https://odr.chalmers.se/bitstream/20.500.12380/236943/1/236943.pdf>
- Manampiring, N., Posumah, D.C., & Mege, R.A. (2021). PEMBERDAYAAN MASYARAKAT MELALUI PELATIHAN DAN PENDAMPINGAN PENGOLAHAN SAMPAH ORGANIK DENGAN METODE KOMPOSTING DI DESA WORU KABUPATEN MINAHASA UTARA.
- Manomaivibool, P., Chart-Asa, C., & Unroj, P. (2016). Measuring the impacts of a Save Food campaign to reduce food waste on campus in Thailand. *Deleted Journal*, 13–22. <https://doi.org/10.35762/aer.2016.38.2.2>
- Maria W A (2012). Artiningsih, Ni Komang Ayu (2008). Peran Serta Masyarakat dalam Pengelolaan Sampah Rumah Tangga. Tesis, Program Pasca Sarjana Universitas Indonesia.
- Matthews, H. S. (2004). Thinking outside ‘the Box’: Designing a Packaging Take-Back System. *California Management Review*, 46(2), 105–119. <https://doi.org/10.2307/41166213>
- Mertenat, A., Diener, S., & Zurbrügg, C. (2018). *Black Soldier Fly* biowaste treatment – Assessment of global warming potential. *Waste Management*, 84, 173–181. <https://doi.org/10.1016/j.wasman.2018.11.040>
- Mongkolnchaiarunya, J. (2005). Promoting a community-based solid-waste management initiative in local government: Yala municipality, Thailand. *Habitat International*, 29(1), 27–40. [https://doi.org/10.1016/s0197-3975\(03\)00060-2](https://doi.org/10.1016/s0197-3975(03)00060-2)
- Mujtaba, M. A., Munir, A., Imran, S., Nasir, M. K., Muhayyuddin, M. G., Javed, A., Mehmood, A., Habila, M. A., Fayaz, H., & Qazi, A. (2024). Evaluating sustainable municipal solid waste management scenarios: A multicriteria decision making approach. *Heliyon*, e25788. <https://doi.org/10.1016/j.heliyon.2024.e25788>

- O'Connor, R. T., Lerman, D. C., Fritz, J. N., & Hodde, H. B. (2010). EFFECTS OF NUMBER AND LOCATION OF BINS ON PLASTIC RECYCLING AT a UNIVERSITY. *Journal of Applied Behavior Analysis*, 43(4), 711–715. <https://doi.org/10.1901/jaba.2010.43-711>
- Pemerintah Indonesia. 2012. Peraturan Pemerintah RI Nomor 18 Tahun 2012 tentang Pengelolaan Sampah Rumah Tangga dan Sampah Sejenis Sampah Rumah Tangga.
- Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat. 2013. Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 03/PRT/M/2013 Tahun 2013 tentang Penyelenggaraan Prasarana dan Sarana Persampahan dalam Penanganan Sampah Rumah Tangga dan Sampah Sejenis Sampah Rumah Tangga.
- Pires, A., & Martinho, G. (2019). Waste hierarchy index for circular economy in waste management. *Waste Management*, 95, 298–305. <https://doi.org/10.1016/j.wasman.2019.06.014>
- Rabiu, M. K., & Jaeger-Erben, M. (2023). Reducing single-use plastic in everyday social practices: Insights from a living lab experiment. *Resources Conservation and Recycling*, 200, 107303. <https://doi.org/10.1016/j.resconrec.2023.107303>
- Rahmani, Y., Parashkoochi, M. G., Afshari, H., & Mohammadi, A. (2024). Enhancing sustainability of urban waste management through data envelopment analysis for municipal solid waste composting in Tehran, Iran. *Cleaner Engineering and Technology*, 21, 100781. <https://doi.org/10.1016/j.clet.2024.100781>
- Rai, S., Gurung, A., Sharma, H. B., Ranjan, V. P., & Cheela, V. R. S. (2024). Sustainable solid waste management challenges in hill cities of developing Countries: Insights from eastern Himalayan smart cities of Sikkim, India. *Waste Management Bulletin*. <https://doi.org/10.1016/j.wmb.2024.02.009>
- Rizal, M. (2012). Analisis Pengelolaan Persampahan Perkotaan (Studi Kasus pada Kelurahan Boya, Kecamatan Banawa, Kabupaten Donggala. *Jurnal SMARTek*, 9(2), 155-172.

- Rodic-Wiersma, L. (2013). Guidelines for National Waste Management Strategies: Moving from Challenges to Opportunities. *United Nations Environment Programme*. <https://research.wur.nl/en/publications/guidelines-for-national-waste-management-strategies-moving-from-c>
- Sanjaya, Y., Suhara, N., Nurjhani, M., Halimah, M., & Shintawati, R. (2019). Study of vegetable waste product as alternative artificial feed to life cycle of *Hermetia illucens*. *Journal of Physics Conference Series*, 1280(2), 022006. <https://doi.org/10.1088/1742-6596/1280/2/022006>
- Setyaningsih, Y. D., Hilmi, E., Andreas, R., Suyanto, E., & Nasihuddin, A. A. (2023). Strategi Pengelolaan Sampah Berkelanjutan pada Industri Rokok Menggunakan Konsep 5R (Reduce, Reuse, Recycle, Recovery, and Repair). *Jurnal Ilmu Lingkungan*, 21(1), 200–209. <https://doi.org/10.14710/jil.21.1.200-209>
- Setyaningsih, W., & Lestari, P. W. (2019). Analysis of household waste management at Cililitan, Kramat Jati Sub-District, East Jakarta. *Conference: Proceedings of the 5th International Conference on Health Sciences (ICHS 2018)*. <https://doi.org/10.2991/ichs-18.2019.41>
- Stoeva, K., & Alriksson, S. (2017). Influence of recycling programmes on waste separation behaviour. *Waste Management*, 68, 732–741. <https://doi.org/10.1016/j.wasman.2017.06.005>
- Sustainable Materials Management: Non-Hazardous Materials and Waste Management Hierarchy | US EPA*. (2024, February 21). US EPA. <https://www.epa.gov/smm/sustainable-materials-management-non-hazardous-materials-and-waste-management-hierarchy>
- Taufiqurrahman (2016). OPTIMALISASI PENGELOLAAN SAMPAH BERDASARKAN TIMBULAN DAN KARAKTERISTIK SAMPAH DI KECAMATAN PUJON KABUPATEN MALANG. Jurusan Teknik Lingkungan Institut Teknologi Nasional. Malang.
- Tchobanoglous, G., Theisen, H., & Vigil, S. A. (1993). *Integrated Solid Waste Management*. New York: Mc Graw-Hill International Edition

- Undang-Undang Republik Indonesia Nomor 18 Tahun 2008 Pengelolaan Sampah. 7 Mei 2008. Lembaga Negara Republik Indonesia Tahun 2007 Nomor 69. Jakarta
- Valencia-Vázquez, R., Pérez-López, M. E., Vicencio-De-La-Rosa, M. G., Martínez-Prado, M. A., & Rubio-Hernández, R. (2014). Knowledge and technology transfer to improve the municipal solid waste management system of Durango City, Mexico. *Waste Management & Research the Journal for a Sustainable Circular Economy*, 32(9), 848–856. <https://doi.org/10.1177/0734242x14546035>
- Wang, Y., & Shelomi, M. (2017). Review of *Black Soldier Fly* (*Hermetia illucens*) as Animal Feed and Human Food. *Foods*, 6(10), 91. <https://doi.org/10.3390/foods6100091>
- Wansink, B., & Van Ittersum, K. (2013). Portion size me: Plate-size induced consumption norms and win-win solutions for reducing food intake and waste. *Journal of Experimental Psychology Applied*, 19(4), 320–332. <https://doi.org/10.1037/a0035053>
- Widyastuti, R. a. D., Rahmat, A., Warganegara, H. A., Ramadhani, W. S., Prasetyo, B., & Riantini, M. (2021). Chemical content of waste composting by black soldier fly (*Hermetia illucens*). *IOP Conference Series Earth and Environmental Science*, 739(1), 012003. <https://doi.org/10.1088/1755-1315/739/1/012003>
- Wijaya I M W (2014). PERENCANAAN PENGELOLAAN SAMPAH DI OBYEK WISATA EKS PELABUHAN BULELENG, KABUPATEN BULELENG. Jurusan Teknik Lingkungan, Institut Teknologi Sepuluh November. Surabaya.
- Williamson, S., Block, L. G., & Keller, P. A. (2016). Of Waste and Waists: The effect of plate material on food consumption and waste. *Journal of the Association for Consumer Research*, 1(1), 147–160. <https://doi.org/10.1086/684287>
- Wu, D. W., Lenkic, P. J., DiGiacomo, A., Cech, P., Zhao, J., & Kingstone, A. (2018). How does the design of waste disposal signage influence waste

disposal behavior? *Journal of Environmental Psychology*, 58, 77–85.
<https://doi.org/10.1016/j.jenvp.2018.07.009>

Yulita, R., & Irmawita, I. (2022). Community empowerment through plastic waste recycling skill (Case study on the Bidarmu Waste Bank). *Spektrum Jurnal Pendidikan Luar Sekolah (PLS)*, 10(1), 160.
<https://doi.org/10.24036/spektrumpls.v10i1.114892>