



DAFTAR PUSTAKA

- Abdoli, M.; Fallahnejad, M.; Ghazban, F.; Ardestani, M., (2010). Assessment of variables affecting urban waste generation. Proceedings of the 4th Conference and Exhibition of Environmental Engineering, Tehran, 15-16 May, 35-48.
- Ade, Siti Fatimah. 2009. *Analisis Kelayakan Usaha Pengolahan Sampah Menjadi Pembangkit Listrik Tenaga Sampah (Pltsa) Di Kota Bogor*. Skripsi Program Sarjana Ekstensi Manajemen Agribisnis Fakultas Pertanian Institut Pertanian: Bogor
- Amasuomo, B, & J. Baird, (2016). The Concept of Waste and Waste Management. Journal of Management and Sustainability; Vol. 6, No. 4. <http://dx.doi.org/10.5539/jms.v6n4p88>
- Anilkumar, P.P.; Chithra, K., (2016). Land use based modelling of solid waste generation for sustainable residential development in small/medium scale urban areas. Procedia. Environ. Sci., 35: 229-237.
- Arikana, E.; Şimşit-Kalenderb, T.Z.; Vayvayb, Ö., (2017). Solid waste disposal methodology selection using multi-criteria decision making methods and an application in Turkey. J Clean Prod., 142: 403-412.
- Aziz, Sh.; Aziz, H.A.; Bashir, M.; Yusoff, M.S., (2011). Appraisal of domestic solid waste generation, components, and the feasibility of recycling in Erbil, Iraq. Waste Manage. Res., 29: 880–887.
- Badan Pusat Statistik Provinsi Jambi, 2020. Jambi Dalam Angka 2020. Provinsi Jambi
- Bakshan, A.; Srour, I.; Chehab Gh.; El-Fadel, M.; Karaziwan, J., (2017). Behavioral determinants towards enhancing construction waste management: A Bayesian Network analysis. Resour, Conserv. Recy., 117: 274–284.
- Baqaruzy, Syamsyarie, ST. 2017. *Analisis Potensi Sampah DKI Jakarta Yang Optimal Dan Penerapan Teknologi Untuk Pembangkit Listrik Tenaga Sampah (Pltsa)*. Tesis Program Magister Manajemen Energi Dan Ketenagalistrikan Departemen Teknik Elektro Universitas Indonesia: Depok.
- Basu, R. (2009). Solid Waste Management-A Model Study. Sies Journal of Management, 6, 20-24.
- Beranek, W. (1992). Solid Waste Management and Economic Development. Economic Development Review, 10(49).
- Brunner, P. H., & Rechberger, H. (2014). Waste to energy—key element for sustainable waste management. Waste Management, 37, 3-12. <https://doi.org/10.1016/j.wasman.2014.02.003>
- Chandler, A. J., Eighmy, T. T., Hjelmar, O., Kosson, D. S., Sawell, S. E., Vehlow, J., ... Sloot, H. A. (1997). Municipal Solid Waste Incinerator Residues. Amsterdam: Elsevier.
- Damanhuri, E. (2020). *Regulasi dan Implementasi Waste to Energy* [Paparan]. Seminar Nasional Waste to Energy in Kalimantan dan FGD Rencana Pembangunan PLTSa Kota Pontianak. Pemerintah Kota Pontianak bekerja sama dengan Universitas Tanjungpura, Pontianak. Tidak diterbitkan.



- Demirbas, A. (2011). Waste management, waste resource facilities and waste conversion processes. *Energy. Conversion & Management*, 52(2), 1280-1287. <https://doi.org/10.1016/j.enconman.2010.09.025>
- Dixon, N., & Jones, D. R. V. (2005). Engineering properties of municipal solid waste. *Geotextiles & Geomembranes*, 23(3), 205-233. <https://doi.org/10.1016/j.geotexmem.2004.11.002>
- Faruq, U. I. 2016. "Studi Potensi Limbah Kota Sebagai Pembangkit Listrik Tenaga Sampah (PLTSa) Kota Singkawang". Skripsi. Pontianak: Universitas Tanjungpura
- Foday, P.S.; Xiangbin, Y.; Alhaji, M.H.C., (2012). A situational assessment of socioeconomic factors affecting solid waste generation and composition in Freetown, Sierra Leone. *J. Environ. Protect.*, 3:563-568.
- Jain, P., K. Handa dan A. Paul. 2014. "Studies on Waste-to-Energy Technologies in India & a detailed study of Waste-to-Energy Plants in Delhi. International Journal of Advanced Research. Vol 2(1): 109-116.
- Juwita Sari, Anugrah. 2012. *Potensi Sampah TPA Cipayung Sebagai Bahan Baku Refused Derified Fuel (RDF)*. Tugas Akhir. Fakultas Teknik, Program Studi Teknik Lingkungan Universitas Indonesia: Depok.
- Kaseva, M. E., & Gupta, S. K. (1996). Recycling—an environmentally friendly and income generating activity towards sustainable solid waste management. Case study—Dar es Salaam City, Tanzania. *Resources Conservation & Recycling*, 17(4), 299-309. [https://doi.org/10.1016/S0921-3449\(96\)01153-6](https://doi.org/10.1016/S0921-3449(96)01153-6)
- Keser, S.; Duzgun, S.; Aksoy, A., (2012). Application of spatial and non-spatial data analysis in determination of the factors that impact municipal solid waste generation rates in Turkey. *Waste Manage.*, 32(3): 359-371.
- Khan, D.; Kumar, A.; Samadder, S.R., (2016). Impact of socioeconomic status on municipal solid waste generation rate, *Waste Manage.*, 49: 15-25.
- KLHK. 2012. Peraturan Pemerintah Nomor 81 Tahun 2012 tentang Pengelolaan Sampah Rumah Tangga dan Sampah Sejenis Sampah Rumah Tangga.
- KLHK 2022. Sistem Informasi Pengelolaan Sampah Nasional (SIPSN) – Kementerian Lingkungan Hidup dan Kehutanan. <https://sipsn.menlhk.go.id/sipsn/> . Diakses 25 Januari 2022.
- Musyafiq, A. A., H. Zarory dan V. Prasteia. 2019. "Pemilihan Teknologi PLTSa di Kota Yogyakarta (Studi Kasus: TPA Piyungan Yogyakarta). *Jurnal Power Elektronik*. Vol. 8(2): 2301-6949.
- Republik Indonesia. 2015. Peraturan Menteri Energi Dan Sumber Daya Mineral Nomor 44 Tahun 2015 Tentang Pembelian Tenaga Listrik Oeh Perusahaan Listrik Negara (PESERO) Dari Pembangkit Listrik Berbasis Tenaga Sampah. Jakarta: Sekretariat Negara.
- Republik Indonesia. 2008. *Undang-Undang Nomor 18 Tahun 2008 Tentang Pengolahan Sampah*. Jakarta: Sekretariat Negara.
- Republik Indonesia. 2015. Peraturan Menteri Energi Dan Sumber Daya Mineral Nomor 44 Tahun 2015 Tentang Pembelian Tenaga Listrik Oeh Perusahaan Listrik Negara (PESERO) Dari



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Universitas Gadjah Mada, 2022 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Pembangkit Listrik Berbasis Tenaga Sampah. Jakarta: Sekretariat Negara.

Safari, A., (2013). Environmental risk analysis and strategies for waste management in rural areas, Case Study: Central Ajarvd district in Germi County. *J. Econ. space and Rural Development.*, 3: 79-91.

Senzige, J.P.; Makinde, D.O.; Njau, K.N.; Nkansah-Gyeke, Y.; (2014). Factors influencing solid waste generation and composition in urban areas of Tanzania: Case of Dar-es-Salaam. *Am. J. Environ.Protect.*, 3 : 172-177.

Sucahyo, F. M. dan E. H. Fanida. 2021. "Inovasi Pengelolaan Sampah Menjadi Pembangkit Listrik Tenaga Sampah (PLTSa) oleh Dinas Kebersihan dan Ruang Terbuka Hijau (DKRTH) Surabaya". *Publika*. Vol. 9(2): 39-52.

Tchobanoglous, G., Theisen, H., & Vigil, S. (1993). Integrated Solid Waste Management: Engineering Principles and Management Issues. *Water Science & Technology Library*, 8(1), 63-90.

Tranga, P.T.; Donga, H.; Toana, D.; Xuan, N.T., (2017). The Effects of Socio-economic Factors on Household Solid Waste Generation and Composition: A Case Study in Thu Dau Mot, Vietnam. *Energy Procedia*, 107: 253 – 258.

Vergara, S. E., & Tchobanoglous, G. (2012). Municipal Solid Waste and the Environment: A Global Perspective. *Environment and Resources*, 37(37), 277-309. <https://doi.org/10.1146/annurev-environ-050511-122532>.

Weng, Y.C.; Fujiwara, T., (2011). Examining the effectiveness of municipal solid waste management systems: an integrated costbenefit analysis perspective with a financial cost modeling in Taiwan. *Waste Manage.*, 31: 393–406

Widyaningsih, N.; Tjiptoherijanto R.; Widanarko, S.; Seda, F., (2015). Linkage model between sustainable consumption and household waste Management. *Procedia Environ. Sci.*, 28: 195-203.

Widyawidura, W. dan J. I. Pongoh. 2016. "Potensi Waste to Energy Sampah Perkotaan Untuk Kapasitas Pembangkit 1 MW di Propinsi DIY". *Jurnal Mekanika dan Sistem Termal*. Vol. 1(1): 2527-4910

Williams, P. T. (2005). *Waste Treatment and Disposal*. London, New York: John Wiley & Sons. <https://doi.org/10.1002/0470012668>

Wilson, D. C. (2007). Development drivers for waste management. *Waste Management & Research the Journal of the International Solid Wastes & Public Cleansing Association Iswa*, 25(3), 198-207. <https://doi.org/10.1177/0734242X07079149>

White, P. R., Franke, M., & Hindle, P. (1995). *Integrated Solid Waste Management: A Lifecycle Inventory*. Berlin: Springer.