

DAFTAR PUSTAKA

- Adachi, Y., Kobayashi, A., & Kobayashi, M. (2012). Structure of colloidal flocs in relation to the dynamic properties of unstable suspension. *International Journal of Polymer Science*, 2012. <https://doi.org/10.1155/2012/574878>
- Aguko Kabok, P., Nyaanga, D. M., Mbugua, J. M., & Eppinga, R. (2018). Effect of Shapes, Binders and Densities of Faecal Matter - Sawdust Briquettes on Ignition and Burning Times. *Journal of Petroleum & Environmental Biotechnology*, 09(02). <https://doi.org/10.4172/2157-7463.1000370>
- Agung, M., Iswara, I., Mustain, A., Febriana, S., & Hidayati, K. (2024). *STUDI LITERATUR KARAKTERISTIK BRIKET DENGAN*. 10(9), 56–69.
- Ajimotukan, H. A., Ibitoye, S. E., Odusote, J. K., Adesoye, O. A., & Omoniyi, P. O. (2019). Physico-mechanical Properties of Composite Briquettes from Corncob and Rice Husk. *Journal of Bioresources and Bioproducts*, 4(3), 159–165. <https://doi.org/10.12162/jbb.v4i3.004>
- Allen, K., Rodríguez López, E. L., Banwart, S. A., & Evans, B. (2023). A Systematic Review of the Effects of Fecal Sludge Derived Amendments on Crop Growth and Soil Health. *ACS ES and T Engineering*, 3(6), 746–761. <https://doi.org/10.1021/acsestengg.2c00438>
- Ang, T. Z., Salem, M., Kamarol, M., Das, H. S., Nazari, M. A., & Prabaharan, N. (2022). A comprehensive study of renewable energy sources: Classifications, challenges and suggestions. *Energy Strategy Reviews*, 43(August), 100939. <https://doi.org/10.1016/j.esr.2022.100939>
- Anggraini, F., Nuraeni, R., Litbang Perumahan dan Permukiman Badan Litbang Kementerian Pekerjaan Umum dan Perumahan Rakyat Jl Panyawungan, P., & Wetan -Kabupaten Bandung, C. (2016). *The Evaluation and Determination of the Pollution Effluen Level Of The Septage Treatment Plant Using Pollution Index Methods*. 11(1), 17–28.
- Arachchige, U. S. P. R. (2021). Briquettes Production as an Alternative Fuel. *Nature Environment and Pollution Technology*, 20(4), 1661–1668. <https://doi.org/10.46488/NEPT.2021.v20i04.029>
- Arhamsyah. (2010). Pemanfaatan biomassa kayu sebagai sumber energi terbarukan. *Jurnal Riset Industri Hasil Hutan*, 2.

- Arianto, E., Ruslan, A., Umayah, U., Lestari, A., Baharudin, I., & Adinugroho, E. (2016). Sistem Pengelolaan Air Limbah Domestik - Setempat Tangki Septik Dengan UP-FLOW Filter. *Sistem Pengelolaan Air Limbah Domestik*, 58.
- Arifin, M., Putri, N. D., Sandrawati, A., & Harryanto, R. (2019). Pengaruh Posisi Lereng terhadap Sifat Fisika dan Kimia Tanah pada Inceptisols di Jatinangor. *SoilREns*, 16(2), 37–44. <https://doi.org/10.24198/soilreng.v16i2.20858>
- Bakkara, C. G., & Purnomo, A. (2022). Kajian Instalasi Pengolahan Air Limbah Domestik Terpusat di Indonesia. *Jurnal Teknik ITS*, 11(3). <https://doi.org/10.12962/j23373539.v11i3.90486>
- Bandi, A., & Thorvat, A. (2024). *Faecal Sludge Characterisation, Treatment and Management Facilities: A Review*. May, 1786–1792. www.irjet.net
- Bot, B. V., Axaopoulos, P. J., Sosso, O. T., Sakellariou, E. I., & Tamba, J. G. (2023). Economic analysis of biomass briquettes made from coconut shells, rattan waste, banana peels and sugarcane bagasse in households cooking. *International Journal of Energy and Environmental Engineering*, 14(2), 179–187. <https://doi.org/10.1007/s40095-022-00508-2>
- Brennan, F. P., O'Flaherty, V., Kramers, G., Grant, J., & Richards, K. G. (2010). Long-term persistence and leaching of escherichia coli in temperate maritime soils. *Applied and Environmental Microbiology*, 76(5), 1449–1455. <https://doi.org/10.1128/AEM.02335-09>
- Brožek, M. (2016). The effect of moisture of the raw material on the properties briquettes for energy use. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 64(5), 1453–1458. <https://doi.org/10.11118/actaun201664051453>
- Butler, D. R., & Marston, R. A. (2017). Landforms and Physiography. *International Encyclopedia of Geography*, September, 1–5. <https://doi.org/10.1002/9781118786352.wbieg1144>
- Ciciria, D. (2015). Siger Sebagai Wujud Seni Budaya Pada Masyarakat Multietnik di Provinsi Lampung. *Panggung*, 25(2), 189–199. <https://doi.org/10.26742/panggung.v25i2.8>
- CWAST. (n.d.). *Sludge et al.. Unknown. Technical Brief What is Fecal Sludge*. 1–18.
- Dalimunthe, Y. K., Kasmungin, S., Sugiarto, E., Sugiarti, L., & Lagrama, A. (2021). Making Briquettes From Waste of Coconut Shell and Peanut Shell. *Indonesian*

- Journal of Urban and Environmental Technology*, 4(2), 196–209.
<https://doi.org/10.25105/urbanenvirotech.v4i2.7417>
- Dean, M. (2020). Multi-criteria analysis. In *Advances in Transport Policy and Planning* (Vol. 6, Nomor October). <https://doi.org/10.1016/bs.atpp.2020.07.001>
- Dewi, S., & Islami, M. C. P. A. (2023). *Analisis Kelayakan Ekonomi dan Sensitivitas Pengembangan Industri Jasa*. 16(1), 521–530.
- Doglas, B., Kimwaga, R., & Mayo, A. (2021). Variability of faecal sludge characteristics and its implication for dewaterability across different on-site sanitation containments in unplanned settlements in dar es Salaam, Tanzania. *Water Practice and Technology*, 16(4), 1182–1193.
<https://doi.org/10.2166/wpt.2021.052>
- Duangkham, S., & Thuadaij, P. (2023). Characterization of charcoal briquettes produced from blending rice straw and banana peel. *Heliyon*, 9(6), e16305.
<https://doi.org/10.1016/j.heliyon.2023.e16305>
- Emilia, V. M., & Ilonka, W. A. (2023). Optimalisasi Model Ipal SPALD-S dan Ipal SPALD-T (Studi Kasus Kelurahan Pajang, Kota Surakarta). *ENVIRO: Journal of Tropical Environmental Research*, 25(1), 42.
<https://doi.org/10.20961/enviro.v25i1.78525>
- Esaumwinuka, T. (2015). Effects of Process Parameters on the Density and Durability of Biomass Briquettes Made from Wet Method. *International Journal of Engineering Research and Development*, 11(01), 2278–67.
- Fahira, F. (2023). *Perencanaan Unit Solid Separation Chamber (SSC) Pada Instalasi Pengolahan Lumpur Tinja (IPLT) Kota Sabang*.
- Fauziah, Andika, A. A., & Rajagukguk, T. S. (2022). *Penerapan Perhitungan Penyusutan Aktiva Tetap Berdasarkan PSAK dan Peraturan Perpajakan pada Klinik Pratama Rawat Inap Romauli ZR Medan*. 84–95.
- Fauzy, A. (2019). Metode Sampling. In *Universitas Terbuka* (Vol. 9, Nomor 1).
<http://jurnal.globalhealthsciencegroup.com>
- Fikri, M. R. (2022). *Penggunaan Synthetic Polymer Untuk Optimasi Sweep Efficiency Pada Proses Enhanced Oil Recovery*.
<https://repository.uir.ac.id/17942/0Ahttps://repository.uir.ac.id/17942/1/183210372.pdf>
- Firmansyah, D. (2022). *Teknik Pengambilan Sampel Umum dalam Metodologi*

- Penelitian : Literature Review General Sampling Techniques in Research Methodology : Literature Review.* 1(2), 85–114.
- Forster, B., & Pinedo, C. A. (2015). Bacteriological Examination of Waters : Membrane Filtration Protocol. *American Society for Microbiology, June 2015*, 1–15. www.asmscience.org
- Fransisca, I., Arianto, E., Ruslan, A., & Iskandar, S. (2018). Sistem Pengelolaan Air Limbah Domestik - Terpusat Skala Permukiman. *Kementerian Pekerjaan Umum dan Perumahan Rakyat Direktorat Jenderal Cipta Karya*, 1–64. <https://www.iuwashplus.or.id/cms/wp-content/uploads/2017/04/Buku-San2-SPALD-Terpusat.pdf>
- Garba, N., & Abdulrahman, B. (2024). Renewable Energy Sources, Sustainability and Environmental Protection: A Review. *European Journal of Theoretical and Applied Sciences*, 2(2), 449–462. [https://doi.org/10.59324/ejtas.2024.2\(2\).39](https://doi.org/10.59324/ejtas.2024.2(2).39)
- Goosse, H. (2019). Description of the Climate System and Its Components. *Climate System Dynamics and Modelling*, 2007, 1–29. <https://doi.org/10.1017/cbo9781316018682.002>
- Gusti, W., Noviana, N., Sartika, R., Anggraini, L., Andika, P., & Johan, H. (2022). *Jurnal Pendidikan MIPA*. 12, 1252–1258.
- Haerani, R., & Ardiatma, D. (2022). Studi Pengolahan Lumpur Tinja di Balai Pialam Yogyakarta. *Prosiding Saintek: Sains dan Teknologi*, 1(1), 555–559.
- Hafford, L. M., Ward, B. J., Weimer, A. W., & Linden, K. (2018). Fecal sludge as a fuel: Characterization, cofire limits, and evaluation of quality improvement measures. *Water Science and Technology*, 78(12), 2437–2448. <https://doi.org/10.2166/wst.2019.005>
- Hakika, D. C., Jamilatun, S., Zahira, S., Setyarini, R., Rahayu, A., & Ardiansyah, R. S. (2023). Combustion Quality Analysis of Bio-Briquettes from Mixture of Coconut Shell Waste and Coal with Tapioca Flour Adhesive. *Indonesian Journal of Chemical Engineering ISSN XXXX-XXXX*, 1(1), 1–10. <http://journal.uad.ac.id/index.php/IJCE/>
- Hazim Majid, L., Majid, H. H., & Hussein, H. F. (2018). Analysis of Renewable Energy Sources, Aspects of Sustainability and Attempts of Climate Change. *American Scientific Research Journal for Engineering*, 43(1), 22–32. <http://asrjetsjournal.org/>

- He, X., Liu, Z., Niu, W., Yang, L., Zhou, T., Qin, D., Niu, Z., & Yuan, Q. (2018). Effects of pyrolysis temperature on the physicochemical properties of gas and biochar obtained from pyrolysis of crop residues. *Energy*, 143, 746–756. <https://doi.org/10.1016/j.energy.2017.11.062>
- Humphris, B., Jamestown, E., & Scott, E. (2023). Understanding Water Movement Throughout Different Soil Profiles Across the Upper North. In *Upper North Farming Systems*.
- Ifa, L., Yani, S., Nurjannah, N., Darnengsih, D., Rusnaenah, A., Mel, M., Mahfud, M., & Kusuma, H. S. (2020). Techno-economic analysis of bio-briquette from cashew nut shell waste. *Helijon*, 6(9), e05009. <https://doi.org/10.1016/j.helijon.2020.e05009>
- Islam, M. R., Alam, M. A. U., Moniruzzaman, M., Galib, F. C., Hossain, M. S., Hussain, M. T., Paul, P., Islam, M. T., Uddin, S. Z., Islam, M. S., Hossain, M. F., Rahman, M. M., Chowdhury, A. I. A., Ananya, T. H., Rahman, M. A., Worth, M., & Mahmud, Z. H. (2024). Exploring fecal sludge treatment technologies in humanitarian settings at Cox's Bazar, Bangladesh: a comprehensive assessment of treatment efficiency through characterization of fecal sludge. *Frontiers in Environmental Science*, 12(August), 1–18. <https://doi.org/10.3389/fenvs.2024.1397389>
- Kabenge, I., Omulo, G., Banadda, N., Seay, J., Zziwa, A., & Kiggundu, N. (2018). Characterization of Banana Peels Wastes as Potential Slow Pyrolysis Feedstock. *Journal of Sustainable Development*, 11(2), 14. <https://doi.org/10.5539/jsd.v11n2p14>
- Kadriyani, E., Mislinawati, & Aksarina. (2022). PENERAPAN BIAYA DIFERENSIAL DALAM RANGKA MENERIMA ATAU MENOLAK PESANAN KHUSUS PADA KUPI BROWNIES ATJEH, BANDA ACEH. *Jurnal Ilmiah Akuntansi*, 9(2).
- Kanakiya, S., Adam, L., Rowe, M. C., Lindsay, J. M., & Esteban, L. (2021). The Role of Tuffs in Sealing Volcanic Conduits. *Geophysical Research Letters*, 48(20). <https://doi.org/10.1029/2021GL095175>
- Kementerian Kesehatan Republik Indonesia. (2013). Dasar-Dasar Kesehatan Lingkungan. In *Program Studi Kesehatan Masyarakat, Fakultas Kedokteran, Universitas Udayana*.

- Kizito, S., Jjagwe, J., Ssewaya, B., Nekesa, L., Tumutegyereize, P., Zziwa, A., & Komakech, A. J. (2022). Biofuel characteristics of non-charred briquettes from dried fecal sludge blended with food market waste: Suggesting a waste-to-biofuel enterprise as a win-win strategy to solve energy and sanitation problems in slums settlements. *Waste Management*, 140(August 2021), 173–182. <https://doi.org/10.1016/j.wasman.2021.11.029>
- Kumar, A., Suryakumar, R., Parra-angarita, S. L., Pocock, J., & Septien, S. (2025). *Mechanical Properties of Faecal Sludge and Its Influence on Moisture Retention*. 1–21.
- Kusuma, M., Aji, A., & Sanjoto, T. (2019). Model Penyajian Unit Geomorfologi Gunung Ungaran dan Sekitarnya Menggunakan Sistem Informasi Geografis Berbasis Web Info Artikel. *Geo Image (Spatial-Ecological-Regional)*, 8(2), 80–89. <http://journal.unnes.ac.id/sju/index.php/geoimage>
- Lohri, C. R., Faraji, A., Ephata, E., Rajabu, H. M., & Zurbrügg, C. (2015). Urban biowaste for solid fuel production: Waste suitability assessment and experimental carbonization in Dar es Salaam, Tanzania. *Waste Management and Research*, 33(2), 175–182. <https://doi.org/10.1177/0734242X14564644>
- Mahyuddin, Tumpu, M., Tamim, T., Mansyur, Lapian, F. E., Bungin, E. R., Nurdin, A., & Johra. (2023). *Pengelolaan Air Limbah* (Nomor July). <https://toharmedia.co.id>
- Mamera, M., van Tol, J. J., & Aghoghowia, M. P. (2022). Treatment of faecal sludge and sewage effluent by pinewood biochar to reduce wastewater bacteria and inorganic contaminants leaching. In *Water Research* (Vol. 221). <https://doi.org/10.1016/j.watres.2022.118775>
- Marques, M. V. A., Lopes, B. C., Silvério, T. H. R., von Sperling, M., & Neves, T. de A. (2023). Persistence of pathogens and bacterial community dynamics in tropical soil after application of raw sewage. *Scientific Reports*, 13(1), 1–10. <https://doi.org/10.1038/s41598-023-40718-0>
- Martunis, L., Sufardi, & Muyssir. (2019). Karakteristik Kimia Tanah dan Status Kesuburan Tanah Beberapa Jenis Tanah di Lahan Kering Kabupaten Aceh Besar, Provinsi Aceh (Indonesia). *Jurnal Agrotan*, 3(November 2015), 77–90.
- Mibulo, T., Nsubuga, D., Kabenge, I., & Wydra, K. D. (2023). Characterization of briquettes developed from banana peels, pineapple peels and water hyacinth.

- Energy, Sustainability and Society*, 13(1), 1–14. <https://doi.org/10.1186/s13705-023-00414-3>
- Mihelcic, J. (2018). Global Water Pathogen Project. Part Four . Management of Risk From Excreta and Wastewater Sludge Management. *Sludge Management: Biosolids and Fecal Sludge*.
- Milya, C., Kurniawan, E., Hakim, L., Dewi, R., & Muhammad, M. (2023). Pembuatan Briket Cangkang Kelapa Sawit Menggunakan Variasi Jenis Dan Persentase Perekat Tepung Tapioka Dan Tepung Beras. *Chemical Engineering Journal Storage (CEJS)*, 3(4), 505. <https://doi.org/10.29103/cejs.v3i4.9913>
- Mirwan, M., Rosariawari, F., Fruit, D., & Waste, P. (2022). *Analysis of Water and Ash Content in Biomass Briquettes from Durian Fruit Peel Waste and Sawdust*. 8(2), 279–288.
- Mkude, I. T., Kimwaga, R., & Gabrielsson, S. (2022). Potential Economic and Environmental Benefits of Faecal Sludge Derived Compost and Char Briquettes: The case of Dar es Salaam, Tanzania. *Tanzania Journal of Science*, 48(2), 383–393. <https://doi.org/10.4314/tjs.v48i2.13>
- Mu'jizat, P., Dunggio, S., Sakir, S., & Zohrahayaty, Z. (2023). Pengembangan Usaha Briket Dari Tongkol Jagung Di Desa Butu Kecamatan Tilong Kabila Kabupaten Bonebolango Provinsi Gorontalo. *Empiris Jurnal Pengabdian Pada Masyarakat*, 1(1), 15–20. <https://doi.org/10.59713/ejppm.v1i1.662>
- Mulyasari, R., Syah, A., Eng, M., Haerudin, N., & Si, M. (2021). *Tim Pengusul Program Studi Teknik Geofisika*.
- Mwamlima, P., Mayo, A. W., Gabrielsson, S., & Kimwaga, R. (2023). Potential use of faecal sludge derived char briquettes as an alternative cooking energy source in Dar es Salaam, Tanzania. *Hygiene and Environmental Health Advances*, 7(July), 100068. <https://doi.org/10.1016/j.heha.2023.100068>
- Nadijh, D., Sapurto, S., & Madani, M. (2020). Identifikasi Jumlah dan Faktor Timbulan Sampah meskipun diiringi dengan penolakan dari juru parkir dan pedagang makanan di kawasan tersebut (Yaqin dan Rosiana Puspitasari 2017). tahapan selanjutnya berupa peningkatan jam operasional menjadi. *Jurnal Nuansa Akademik*, 5(1), 39–52.
- Nasyirah, N., Kalsim, D. K., & Saptomo, S. K. (2015). *Analisis Laju Pencucian Tanah Salin dengan Menggunakan Drainase Bawah Permukaan*. 3(2), 89–96.

- <https://doi.org/10.19028/jtep.03.2.89-96>
- Natalia, H. C., & Denhi, A. D. A. (2023). Evolusi Tubuh Gunungapi Dan Implikasi Struktur Geologi Di Gunung Pesawaran-Betung, Lampung. *JGE (Jurnal Geofisika Eksplorasi)*, 9(1), 83–96. <https://doi.org/10.23960/jge.v9i1.253>
- Nazari, M. M., San, C. P., & Atan, N. A. (2019). Combustion performance of biomass composite briquette from rice husk and banana residue. *International Journal on Advanced Science, Engineering and Information Technology*, 9(2), 455–460. <https://doi.org/10.18517/ijaseit.9.2.2408>
- Neha, & Rambeer, J. (2021). Renewable Energy Sources: A Review. *Journal of Physics: Conference Series*, 1979(1). <https://doi.org/10.1088/1742-6596/1979/1/012023>
- Nuraida, Z., & Herumurti, W. (2021). Perencanaan Tipikal Unit Pengolahan Lumpur Tinja Skala Kecil Kota Surabaya. *Jurnal Teknik ITS*, 9(2). <https://doi.org/10.12962/j23373539.v9i2.56396>
- Nurhidayah, Purnamasari, N., Fuadi, N., & Fitriyanti. (2022). Uji Kandungan Bakteri Total Coliform Dan Escherichia Coli Air Tanah Di Kabupaten Pangkep. *Jurnal Sains Fisika*, 2(1), 1–7. <http://journal.uin-alauddin.ac.id/index.php/sainfis>
- Nyaanga, D. M., Kabok, P. A., Mbuba, J., Abich, S. , Epingga, R., & Irungu, J. (2018). *Faecal matter- - saw dust composite briquette and pellet fuels : production and characteristics*. 2050(1994), 1–7.
- Obianyo, J. (2015). A Study of Faecal Coliform Die-Off in Sewage Sludge Drying Bed. *Nigerian Journal of Technology*, 34(3), 643. <https://doi.org/10.4314/njt.v34i3.31>
- Ohagwu, C. J., Nwakaire, J. N., Amaefule, D. O., Nwaeze, C. D., & Anyanwu, C. N. (2022). Physicomechanical and fuel properties of sawdust briquettes using Abelmoschus esculentus waste as a binder. *Agricultural Engineering International: CIGR Journal*, 24(2), 83–94.
- Ollong, A. R., Palulungan, J. A., & Arizona, R. (2020). Analisis Jumlah Coliform dan Faecal Coli (MPN) pada Daging Sapi dan Ayam di Kota Manokwari. *Jurnal Ilmu Peternakan dan Veteriner Tropis (Journal of Tropical Animal and Veterinary Science)*, 10(2), 113. <https://doi.org/10.46549/jipvet.v10i2.124>
- Oyelaran, O. A., Sani, F. M., Sanusi, O. M., Balogun, O., & Fagbemigun, A. O. (2018). Energy Potentials of Briquette Produced from Tannery Solid Waste. *Makara*

- Journal of Technology*, 21(3), 122. <https://doi.org/10.7454/mst.v21i3.3429>
- Pambudi, F. K., Nuriana, W., Mesin, T., Teknik, F., & Merdeka, U. (2018). DAN LAJU PEMBAKARAN PADA BIOBRIKET LIMBAH KAYU Teknik Mesin , Fakultas Teknik Universitas Merdeka Madiun. *e-Journal ITATS*, 547–554.
- Pehlken, A., Wulf, K., Grecksch, K., Klenke, T., & Tsydenova, N. (2020). More sustainable bioenergy by making use of regional alternative biomass? *Sustainability (Switzerland)*, 12(19), 1–22. <https://doi.org/10.3390/SU12197849>
- Purwitasari, et al. (2022). PISANG SEBAGAI ADSORBEN ADSORPTION OF METAL CADMIUM (Cd) TO CADMIUM SULPHATE (CdSO₄) USING BANANA TREES AS. *Jurnal Chemurgy*, 06(1), 131–136.
- Putinella, J. A. (2014). Perbaikan Fisik Tanah Kambisol Akibat Pemberian Bokashi Ela Sagu Dan Pupuk Abg (Amazing Bio Growth) Bunga-Buah. *Jurnal Budidaya Pertanian*, 10(1), 14–20.
- Qiram, I. (2021). Studi Karakteristik Fisik Dan Nyala Api Briket Daun Bambu. *Injection: Indonesian Journal of Vocational Mechanical Engineering*, 1(2), 89–94. <https://doi.org/10.58466/injection.v1i2.89>
- Quds, S. M., & Slamet, A. (2022). Evaluasi Proses Pengeringan Lumpur pada Unit Sludge Drying Bed dengan Media Filter Cloth di IPAL Komunal Telaga Abadi Kabupaten Gresik. *Jurnal Teknik ITS*, 11(2), 7–12. <https://doi.org/10.12962/j23373539.v11i2.88712>
- Rachmawati, L., Utomo, I., & Adinugroho, E. (2023). *Layanan Lumpur Tinja Terjadwal* (T. Sugandi (ed.)). Kementerian Pekerjaan Umum dan Perumahan Rakyat. https://iuwashtangguh.or.id/wp-content/uploads/2023/09/Buku-saku-LLTT_Final_20230821.pdf
- Rahmanto, E., Rahmabudhi, S., & Kustia, T. (2022). Kajian Analisis Spasial Penentuan Tipe Iklim Menurut Klasifikasi Schmidt – Ferguson Menggunakan Metode Thiessen – Polygon di Provinsi Riau. *Buletin GAW Bariri*, 3(1), 35–42. <https://doi.org/10.31172/bgb.v3i1.66>
- Ramadhani, L. J. W., Djamaruddin Ramlan, & Bahri. (2023). Variasi Panjang Briket Ampas Tahu terhadap Nyala Api. *Buletin KeslingMas*, Vol. 42 No(03), 136–140.
- Rani Das, K. (2016). A Brief Review of Tests for Normality. *American Journal of Theoretical and Applied Statistics*, 5(1), 5. <https://doi.org/10.11648/j.ajtas.20160501.12>

- Rasulić, N., Delić, D., Stajković-Srbinović, O., Buntić, A., Kuzmanović, Đ., Knežević, M., & Sikirić, B. (2021). Microbiological and basic agrochemical properties of Eutric Cambisols in western and southwestern Serbia. *Zemljiste i biljka*, 70(2), 1–9. <https://doi.org/10.5937/zembilj2102001r>
- Razali, A., Tajudin, A., Fadzli, A., & Tajuddin, A. (2016). *Importance and Functions of Bills of Quantities in the Construction Industry : Importance and Functions of Bills of Quantities in the Construction Industry : A Content Analysis*. January 2017.
- Ruqayah, R., Ruhiat, Y., & Saefullah, A. (2023). Analisis Klasifikasi Tipe Iklim Dari Data Curah Hujan Menggunakan Metode Schmidt-Ferguson (Studi Kasus: Kabupaten Tangerang). *Jurnal Teori dan Aplikasi Fisika*, 11(01), 29–38. <https://doi.org/10.23960/jtaf.v11i1.3076>
- Rustadi, & Rananda, E. (2020). Formasi Batuan Dan Site Class Di Bandar Lampung. *Jurnal Geofisika Eksplorasi*, xx(xx).
- Ružićić, S., Kovač, Z., Perković, D., Bačani, L., & Majhen, L. (2019). The relationship between the physicochemical properties and permeability of the fluvisols and eutric cambisols in the Zagreb Aquifer, Croatia. *Geosciences (Switzerland)*, 9(10). <https://doi.org/10.3390/geosciences9100416>
- S., N., A.O, M., B.S, H., S., A., A., B., A., A., & I., S. (2018). DETERMINATION OF CALORIFIC VALUE OF BIOMASS BRIQUETTE FUEL Nigerian Journal of Renewable Energy. *Nigerian Journal of Renewable Energy*, 18(January 2018), 76–82.
https://www.researchgate.net/publication/352902914_DETERMINATION_OF_CALORIFIC_VALUE_OF_BIOMASS_BRIQUETTE_FUEL_PRODUCED_FROM_WASTE-PAPER_CORNSTALK_AND_BAGASSE
- Saeed, A. A. H., Harun, N. Y., Bilad, M. R., Afzal, M. T., Parvez, A. M., Roslan, F. A. S., Rahim, S. A., Vinayagam, V. D., & Afolabi, H. K. (2021). Moisture content impact on properties of briquette produced from rice husk waste. *Sustainability (Switzerland)*, 13(6). <https://doi.org/10.3390/su13063069>
- Sendy, K. (2020). *UJI KARAKTERISTIK PROKSIMAT BRIKET ARANG SEKAM PADI DAN SAMPAH DAUN KERING*.
- Septian, A., & Reza, M. (2024). *ANALISIS KELAYAKAN INVESTASI MODIFIKASI KONVEYOR DAN DERMAGA BONGKAR MUAT BATU BARA PLTU*

- SEBALANG 2 X 100 MW. 28(1), 16–24.
<https://doi.org/10.46984/sebatik.v27i2.2384>
- Septien, S., Mirara, S. W., Makununika, B. S. N., Singh, A., Pocock, J., Velkushanova, K., & Buckley, C. A. (2020). Effect of drying on the physical and chemical properties of faecal sludge for its reuse. *Journal of Environmental Chemical Engineering*, 8(1), 103652. <https://doi.org/10.1016/j.jece.2019.103652>
- Setyani, M., Sespira, D., Anggiriani, F., Aqbal, J., Erlangga, M. B., Pratiwi, M. M. A., Meilani, D., Zui, R., Triansyah, R. P., & Saputra, Y. (2024). *Inovasi Teknologi Briket Solusi Cerdas Untuk Pengelolaan Limbah Dan Energi Berkelanjutan*. 2(7), 2774–2780.
- Siahaan, D. S. (2013). *Penentuan kelayakan finansial usaha produksi pupuk abc pada cv.xyz dusun sebotu kabupaten sanggau*. 27–34.
- Sinaga, G. Y. G., Katherine, J. A., Akhsya, M. D. A., Rahmadina, P., & Baidhowi, S. I. (2023). POTENSI EKSPOR BRIKET TERHADAP PEREKONOMIAN INDONESIA. *Nucl. Phys.*, 13(1), 104–116.
- Sindol, K. N., Gadat, A. S. T., Sanchez, J. J. J., & Sanchez, P. D. C. (2022). Development and Characterization of Briquettes made from Unsalable Banana Peel Wastes: A Preliminary Evaluation. *International Exchange and Innovation Conference on Engineering and Sciences*, 265–270. <https://doi.org/10.5109/5909102>
- Sitogasa, P. S. A., Mohamad Mirwan, Firra Rosariawari, & Azizah M. Rizki. (2023). Analysis of Water and Ash Content in Biomass Briquettes from Durian Fruit Peel Waste and Sawdust. *Journal of Research and Technology*, 8(2), 279–288. <https://doi.org/10.55732/jrt.v8i2.712>
- Sjarif, S. R. (2018). Karakteristik Briket Dari Campuran Limbah Kulit Pisang Dan Limbah Serbuk Gergaji. *Jurnal Penelitian Teknologi Industri*, 9(2), 97. <https://doi.org/10.33749/jpti.v9i2.3521>
- Sonko, E. H. M., Mbeguere, M., Diop, C., Niang, S., & Strande, L. (2014). Effect of hydraulic loading frequency on performance of planted drying beds for the treatment of faecal sludge. *Journal of Water Sanitation and Hygiene for Development*, 4(4), 633–641. <https://doi.org/10.2166/washdev.2014.024>
- Spârchez, G., Dincă, L. C., Marin, G., Dincă, M., & Enescu, R. E. (2017). Variation of eutric cambisols' chemical properties based on altitudinal and geomorphologic

- zoning. *Environmental Engineering and Management Journal*, 16(12), 2911–2918. <https://doi.org/10.30638/eemj.2017.300>
- Stocker, M. D., Pachepsky, Y. A., Hill, R. L., & Shelton, D. R. (2015). Depth-dependent survival of Escherichia coli and enterococci in soil after manure application and simulated rainfall. *Applied and Environmental Microbiology*, 81(14), 4801–4808. <https://doi.org/10.1128/AEM.00705-15>
- Strande, L., Mariska, R., & Brdjanovic, D. (2014). Enduse of Treatment Products. In *Faecal Sludge Management: Systems Approach for Implementation and Operation.*
http://www.eawag.ch/forschung/sandec/publikationen/ewm/dl/fsm_book.pdf
- Strauss, M. (2005). *Faecal Sludge Management (FSM)*. April, 9–10.
- Suhendra, R. H., Wahab, A. A., & Khumaidi, A. (2023). PENGARUH PENGGUNAAN APLIKASI BUPIN TERHADAP PENINGKATAN HASIL BELAJAR SISWA MADRASAH ALIYAH PLUS TARUNA ISLAM AL-KAUTSAR KRAKSAAN PROBOLINGGO. *Jurnal Keislaman dan Ilmu Pendidikan*, 5, 890–900.
- Supriadi, Rahmawati, S., Abram, P. H., Afadil, Parwati, N. G. A. M., & Anggraini. (2022). CHARACTERISTICS OF CHARCOAL BRIQUETTES FROM KEPOK BANANA PEEL WASTE (*Musa paradisiaca F.*) AS ALTERNATIVE FUEL. *Rasayan Journal of Chemistry*, 15(1), 108–115.
<https://doi.org/10.31788/RJC.2022.1516607>
- Syam, M. A., Sasmito, K., Adlina, N. N., & Hasanah. (2018). Geologi dan Pengaruh Litologi Terhadap Bentuk Morfologi Daerah Bangun Rejo Kecamatan Tenggarong Seberang Kabupaten Kutai Kartanegara. *Jurnal Teknik Geologi: Ilmu Pengetahuan dan Teknologi*, 1(1), 2–5.
- Thulu, F. G. D., Kachaje, O., & Mlowa, T. (2016). A Study of Combustion Characteristics of Fuel Briquettes from a Blend of Banana Peelings and Saw Dust in Malawi. *International Journal of Thesis Projects and Dissertations (IJTPD)*, 4(3), 135–158. www.researchpublish.com
- Tidri, Q. L. (2018). *Sistem Penyaluran dan Pengolahan Air Limbah Domestik Kecamatan Guguk Panjang, Bukittinggi*.
- Tumuluru, J. S., Tabil, L. G., Song, Y., Iroba, K. L., & Meda, V. (2015). Impact of process conditions on the density and durability of wheat, oat, canola, and barley

- straw briquettes. *Bioenergy Research*, 8(1), 388–401. <https://doi.org/10.1007/s12155-014-9527-4>
- Udianto, F., Kriswandana, F., & . R. (2022). Pemetaan Kualitas Air Sungai Di Kawasan Industri Ngingas Sidoarjo Dijinjau Dari Parameter Bod Dan Tss Tahun 2021. *Jurnal Hygiene Sanitasi*, 2(1), 31–35. <https://doi.org/10.36568/hisan.v2i1.4>
- Ummah, M. F., & Herumurti, W. (2018). Pengeringan Lumpur Ipal Biologis Pada Unit Sludge Drying Bed (SDB). *Jurnal Purifikasi*, 18(1), 39–48.
- Usodoningtyas, S., Kusstianti, N., & Megasari, D. S. (2024). *HUBUNGAN ANTARA PERILAKU MERIAS WAJAH SEHARI-HARI DENGAN KEPERCAYAAN DIRI MAHASISWI RUMPUT PENDIDIKAN KESEJAHTERAAN KELUARGA (PKK) DI UNIVERSITAS NEGERI SURABAYA* Agnessa Rida Cahya Dhea Sindita. 13, 365–371.
- Utami, I. S., Rusdiana, D., Nahadi, N., Suwarma, I. R., Guntara, Y., Amida, N., Rahman, N. F. A., & Oktarisa, Y. (2024). How to Make Biomass Briquettes with Their Characteristics Analysis. *Indonesian Journal of Science and Technology*, 9(3), 585–610. <https://doi.org/10.17509/ijost.v9i3.72170>
- Uyun, Q., Wardhani, E., Halomoan, N., Lingkungan, J. T., & Teknik, F. (2019). 3148-6005-1-Sm. 3(2), 157–168.
- Vajihinejad, V., Gumfekar, S. P., Bazoubandi, B., Rostami Najafabadi, Z., & Soares, J. B. P. (2019). Water Soluble Polymer Flocculants: Synthesis, Characterization, and Performance Assessment. *Macromolecular Materials and Engineering*, 304(2), 1–43. <https://doi.org/10.1002/mame.201800526>
- Velkushanova, K., & Strande, L. (2021). Faecal sludge properties and considerations for characterisation. In *Methods for Faecal Sludge Analysis*.
- Wardono, H., Amri, U., & Purba, A. (2022). Potensi Keberlanjutan Program Layanan Lumpur Tinja Terjadwal (Lltt), Studi Kasus : Kota Bandar Lampung. *Jurnal Rekayasa Lampung*, 1(2). <https://doi.org/10.23960/jrl.v1i2.7>
- Wibowo, S., Arief, K., & Waluyo, T. K. (2021). Characteristics of wood pellets from over-dry sawdust waste. *IOP Conference Series: Earth and Environmental Science*, 914(1). <https://doi.org/10.1088/1755-1315/914/1/012069>
- Wulandari, D. (2018). Pemisahan Padatan Lumpur Tinja Pada Unit Solid Separation Chamber (SSC). *Jurnal Purifikasi*, 17(2), 87–93.

- <https://doi.org/10.12962/j25983806.v17.i2.364>
- Wulandari, S. (2024a). *Karakteristik briket kombinasi lumpur tinja dengan biomassa serbuk gergaji dan arang tempurung kelapa (studi kasus: kota malang)* tesis. 2–5.
- Wulandari, S. (2024b). *Karakteristik briket kombinasi lumpur tinja dengan biomassa serbuk gergaji dan arang tempurung kelapa (studi kasus: kota malang)* tesis.
- Wulandari, S., Komala, P. S., & Raharjo, S. (2024). Characterization of Fecal Sludge Combined with Sawdust as Briquettes. *Jurnal Presipitasi : Media Komunikasi dan Pengembangan Teknik Lingkungan*, 21(2), 324–338.
<https://doi.org/10.14710/presipitasi.v21i2.324-338>
- Zarić, G., Cocoli, S., Šarčević, Vještica, S., Prodanović, R., Puvača, N., & Carić, M. (2023). Escherichia coli as Microbiological Quality Water Indicator:A High Importance for Human and Animal Health. *Journal of the Hellenic Veterinary Medical Society*, 74(3), 6117–6124. <https://doi.org/10.12681/jhvms.30878>
- Zhang, X. Z., Wang, J. L., & Feng, C. M. (2020). Pepper mild mottle virus as an indicator of fecal contamination in water: a review on research progress. *Chinese Journal of Public Health*, 36(2), 265–269.
<https://doi.org/10.11847/zggwsl121568>