

DAFTAR PUSTAKA

- Abdel-Shafy, H. I., Ibrahim, A. M., Al-Sulaiman, A. M., & Okasha, R. A. (2024). Landfill leachate: Sources, Nature, Organic Composition, and Treatment: An Environmental Overview. *Ain Shams Engineering Journal*, *15*(1). <https://doi.org/10.1016/j.asej.2023.102293>
- Ahmad, Z. U., Sakib, S., & Gang, D. D. (2016). Nonpoint Source Pollution. *Water Environment Research*, *88*(10), 1594–1619. <https://doi.org/10.2175/106143016X14696400495497>
- Akhmad, A. G., Darman, S., Aiyen, A., & Hamsens, W. P. S. (2022). Pengaruh Typha Angustifolia, Echinodorus Paniculatus, dan Ludwigia Adscendens Terhadap Kinerja Horizontal Sub-Surface Flow Constructed Wetland dalam Penghapusan Total Coliform dan TSS. *Jurnal Teknologi Lingkungan*, *23*(2), 198–206. <https://doi.org/10.29122/jtl.v23i2.5057>
- Akinnawo, S. O. (2023). Eutrophication: Causes, Consequences, Physical, Chemical and Biological Techniques for Mitigation Strategies. *Environmental Challenges*, *12*, 100733. <https://doi.org/10.1016/j.envc.2023.100733>
- Amala, Z., Sururi, R., & Hendrajaya, G. (2025). Optimalisasi Instalasi Pengolahan Lindi: Studi Kasus di Tempat Pembuangan Akhir Galuga Kota Bogor. *Serambi Engineering*, *10*(4).
- Arinda, E., Sitogasa, P. S. A., Fadilah, K., & Lukita, C. W. (2023). Perencanaan Pembangunan Tempat Pemrosesan Akhir Sampah Juata Kerikil Dengan Sistem Sanitary Landfill di Kota Tarakan Kalimantan Utara. *Environmental Engineering Journal ITATS*, *3*(1), 29–38. <https://doi.org/10.31284/j.envitats.2023.v3i1.3791>
- Armon, R. H., & Starosvetsky, J. (2015). Point Source Pollution Indicators. In *Environmental Indicators* (pp. 495–499). Springer: Netherlands. https://doi.org/10.1007/978-94-017-9499-2_29
- Astuti, F. A., Syafrudin, S., & Susilowati, I. (2023). Kajian Status Mutu Air Sungai Akibat Buangan Air Lindi TPA Piyungan di Kabupaten Bantul. *Jurnal Ilmu Lingkungan*, *21*(4), 881–887. <https://doi.org/10.14710/jil.21.4.881-887>
- Attoui, B., Sayad, L., Majour, H., Boudjebieur, E., Boulahia, A., & Lamrous, W. (2024). Impact of Technical Landfill Bouguerguer on Water Resources and The Environment (North-East Algeria). *Carpathian Journal of Earth and Environmental Sciences*, *19*(1), 157–168. <https://doi.org/10.26471/cjees/2024/019/287>
- Azizah, A. N. (2024). *Analisis Kualitas Air Mataair di Kecamatan Kejajar Kabupaten Wonosobo Menggunakan Indeks Kualitas Air*. Skripsi. Yogyakarta: Universitas Gajah Mada.
- Badr, M. M. (2024). *Mechanism of Leachate Formation Pollutant and Category* (pp. 59–64). https://doi.org/10.1007/978-3-031-55513-8_4

- Banda, T. D., & Kumarasamy, M. V. (2020). Development of Water Quality Indices (WQIs): A review. *Polish Journal of Environmental Studies*, 29(3), 2011–2021. <https://doi.org/10.15244/pjoes/110526>
- Barry, R. G. (2019). The World Hydrological Cycle. In *Introduction to Physical Hydrology* (pp. 8–26). Routledge. <https://doi.org/10.4324/9780429273339-2>
- Belli, N. M. (2020). *Kajian Kerusakan Lingkungan Air Tanah Akibat Pembuangan Sampah di Tempat Pembuangan Akhir (TPA) Air Sebakul di Sukarami, Selebar, Bengkulu*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Booker, D. J., & Snelder, T. H. (2023). Climate Change and Local Anthropogenic Activities Have Altered River Flow Regimes Across Canterbury, New Zealand. *Water Resources Management*, 37(6–7), 2657–2674. <https://doi.org/10.1007/s11269-022-03233-x>
- Boyacioglu, H. (2014). Spatial Differentiation of Water Quality Between Reservoirs Under Anthropogenic and Natural Factors Based on Statistical Approach. *Archives of Environmental Protection*, 40(1), 41–50. <https://doi.org/10.2478/aep-2014-0002>
- Britannica. (2024). Water Cycle. In <https://www.britannica.com/science/water-cycle>. Encyclopedia Britannica.
- Budihardjo, M. A., Hadiwidodo, M., Huboyo, H. S., & Aulia, F. R. (2018). Characterization of Leachate from the Integrated Solid Waste Treatment Plant at Diponegoro University, Indonesia. *E3S Web of Conferences*, 73. <https://doi.org/10.1051/e3sconf/20187307017>
- Caschetto, M., Barbieri, M., Galassi, D. M. P., Mastrotillo, L., Rusi, S., Stoch, F., Di Cioccio, A., & Petitta, M. (2014). Human Alteration of Groundwater-Surface Water Interactions (Sagittario River, Central Italy): Implication for Flow Regime, Contaminant Fate and Invertebrate Response. *Environmental Earth Sciences*, 71(4), 1791–1807. <https://doi.org/10.1007/s12665-013-2584-8>
- Chapman, P. M. (2007). Determining When Contamination is Pollution - Weight of Evidence Determinations for Sediments and Effluents. *Environment International*, 33(4), 492–501. <https://doi.org/10.1016/j.envint.2006.09.001>
- Chen, H., Teng, Y., Li, J., Wu, J., & Wang, J. (2016). Source Apportionment of Trace Metals in River Sediments: A Comparison of Three Methods. *Environmental Pollution*, 211, 28–37. <https://doi.org/10.1016/j.envpol.2015.12.037>
- Chhatwal, G. R. (2003). *Encyclopedia of Environmental Water Pollution* (Vol. 1). New Delhi: Anmol Publications.
- Crook, D. A., Lowe, W. H., Allendorf, F. W., Eros, T., Finn, D. S., Gillanders, B. M., Hadwen, W. L., Harrod, C., Hermoso, V., Jennings, S., Kilada, R. W., Nagelkerken, I., Hansen, M. M., Page, T. J., Riginos, C., Fry, B., & Hughes, J. M. (2015). Human Effects on Ecological Connectivity in Aquatic

- Ecosystems: Integrating Scientific Approaches to Support Management and Mitigation. *Science of the Total Environment*, 534, 52–64. <https://doi.org/10.1016/j.scitotenv.2015.04.034>
- Damanhuri, E. (2008). *Diktat Landfilling Limbah*. Bandung: Institut Teknologi Bandung.
- Darmasetiawan, M. (2004). *Perencanaan Tempat Pembuangan Akhir (TPA)*. Jakarta: Penerbit Engineering.
- Das, R., & Raj, D. (2025). Sources, Distribution, And Impacts of Emerging Contaminants – A Critical Review on Contamination of Landfill Leachate. *Journal of Hazardous Materials Advances*, 17. <https://doi.org/10.1016/j.hazadv.2025.100602>
- Davie, T. (2008). *Fundamentals of Hydrology* (2nd ed.). London: Routledge.
- Debaere, P., & Konar, M. (2022). Water Resources and Trade: A Research Vision. *PLOS Water*, 1(2), e0000010. <https://doi.org/10.1371/journal.pwat.0000010>
- Denton, G. R. W., Golabi, M. H., Wood, H. R., Iyekar, C., Concepcion, L. P., & Wen, Y. (2008). Impact Of Ordot Dump on Water Quality of the Lonfit River Basin in Central Guam. 2. Aqueous Chemical and Biological Contaminants. In *Micronesica* (Vol. 40, Issue 2).
- Diamanis, P., Mangangka, I., & Supit, C. (2022). Perencanaan TPA Sanitary Landfill Di Kecamatan Esang Kabupaten Kepulauan Talaud Sulawesi Utara. *Jurnal TEKNO*, 20(82).
- Dindasari, N. (2023). *Kajian Pencemaran Perairan Sungai Babak Akibat Buangan Air Lindi TPA Regional Kebon Kongok Kabupaten Lombok Barat*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Eriksen, T. E., Jacobsen, D., Demars, B. O. L., Brittain, J. E., Søli, G., & Friberg, N. (2022). Effects of Pollution-Induced Changes in Oxygen Conditions Scaling Up from Individuals to Ecosystems in A Tropical River Network. *Science of The Total Environment*, 814, 151958. <https://doi.org/10.1016/j.scitotenv.2021.151958>
- Essien, J. P., Ikpe, D. I., Inam, E. D., Okon, A. O., Ebong, G. A., & Benson, N. U. (2022). Occurrence and Spatial Distribution of Heavy Metals in Landfill Leachates and Impacted Freshwater Ecosystem: An Environmental and Human Health Threat. *PLoS ONE*, 17(2). <https://doi.org/10.1371/journal.pone.0263279>
- Fitzpatrick, F.A., Waite, I.R. D'Arconte, P.J., Meador, M.R. (1998). *Revised Methods for Characterizing Stream Habitat in the National Water Quality Assessment Program*. North Carolina: U.S. Geological Survey.
- Gómez, M., Corona, F., & Hidalgo, M. D. (2019). Variations in the Properties of Leachate According to Landfill Age. *Desalination and Water Treatment*, 159, 24–31. <https://doi.org/10.5004/dwt.2019.24106>

- Gunadharma, B. T., & Dirgantoro, A. N. (2024). *Redesign Tempat Pemrosesan Akhir (TPA) Blondo dengan Sistem Sanitary Landfill*. Skripsi. Semarang: Universitas Diponegoro.
- Gupta, S., & Gupta, S. K. (2021). A Critical Review on Water Quality Index Tool: Genesis, Evolution and Future Directions. *Ecological Informatics*, 63. <https://doi.org/10.1016/j.ecoinf.2021.101299>
- Hendrawan, D. (2010). Kualitas Air Sungai dan Situ di DKI Jakarta. *MAKARA of Technology Series*, 9(1), 13–19.
- Horton, R. K. (1965). An Index Number System for Rating Water Quality. *Journal of the Water Pollution Control Federation*, 37, 300–306.
- Huang, Z., Liu, G., Zhang, Y., Yuan, Y., Xi, B., & Tan, W. (2024). Assessing The Impacts and Contamination Potentials of Landfill Leachate on Adjacent Groundwater Systems. *Science of the Total Environment*, 930. <https://doi.org/10.1016/j.scitotenv.2024.172664>
- Ichdatunnisa, R., & Putro, R. (2025). Identifikasi Pengaruh Constructed Wetland dalam Menurunkan Kandungan Mikroplastik Pada Air Lindi. *Serambi Engineering*, 10(2).
- Iravanian, A., & Ravari, S. O. (2020). Types of Contamination in Landfills and Effects on the Environment: A Review Study. *IOP Conference Series: Earth and Environmental Science*, 614(1). <https://doi.org/10.1088/1755-1315/614/1/012083>
- Ishchenko, V., & Vasylykivskyi, I. (2020). Environmental Pollution with Heavy Metals: Case Study of the Household Waste. In *Studies in Systems, Decision and Control* (Vol. 198, pp. 161–175). Springer International Publishing. https://doi.org/10.1007/978-3-030-11274-5_11
- Jafari, N. H., & Stark, T. D. (2016). Slope and Settlement Movements of an MSW Landfill during Elevated Temperatures. *Geo-Chicago 2016*, 275–284. <https://doi.org/10.1061/9780784480144.027>
- Javahershenas, M., Nabizadeh, R., Alimohammadi, M., & Mahvi, A. H. (2022). The effects of Lahijan landfill leachate on the quality of surface and groundwater resources. *International Journal of Environmental Analytical Chemistry*, 102(2), 558–574. <https://doi.org/10.1080/03067319.2020.1724984>
- Jucá, J. F., Norberto, A., Santos Júnior, J. I., & Marinho, F. (2021). Brasília municipal solid waste landfill: a case study on flow and slope stability. *Soils and Rocks*, 44(3), 1–13. <https://doi.org/10.28927/SR.2021.067321>
- Kamaluddin, I. (2020). Analisis SWOT untuk Merumuskan Strategi Bersaing pada PT. Menara Angkasa Semesta Cabang Sentani. *Jurnal Ilmu Manajemen Terapan*, 1(4), 342–354. <https://doi.org/10.31933/jimt.v1i4.183>
- Khaira, H., & Afdal, A. (2022). Identifikasi Pencemaran Air Di Sekitar Tempat Pembuangan Akhir Sampah Tungkal Selatan Kota Pariaman. *Jurnal Fisika Unand*, 11(2), 214–220. <https://doi.org/10.25077/jfu.11.2.214-220.2022>

- Kirkham, M. B. (2024). *Water Use in Crop Production* (1st Edition). CRC Press. <https://doi.org/10.1201/9781003578215>
- Kurniasih, D., Setyoko, P., & Imron, Moh. (2017). Model Penguatan Kelembagaan pada Program Sanitasi Lingkungan Berbasis Masyarakat (SLBM) di Kabupaten Banyumas (Suatu Pendekatan Collaborative Governance). *Sosiohumaniora*, 19(1). <https://doi.org/10.24198/sosiohumaniora.v19i1.7888>
- Kurniawan, I. A. (2017). *Kajian Pencemaran Lingkungan di Sekitar Tempat Pembuangan Akhir (TPA) Jomboran Kecamatan Klaten Tengah, Kabupaten Klaten*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Li, L., Jiang, P., Xu, H., Lin, G., Guo, D., & Wu, H. (2019). Water Quality Prediction Based on Recurrent Neural Network and Improved Evidence Theory: A Case Study of Qiantang River, China. *Environmental Science and Pollution Research*, 26(19), 19879–19896. <https://doi.org/10.1007/s11356-019-05116-y>
- Ling, C., & Zhang, Q. (2017). Evaluation Of Surface Water and Groundwater Contamination in A MSW Landfill Area Using Hydrochemical Analysis and Electrical Resistivity Tomography: A Case Study in Sichuan Province, Southwest China. *Environmental Monitoring and Assessment*, 189(4). <https://doi.org/10.1007/s10661-017-5832-7>
- Mahanta, A., Datta, M., & Ramana, G. V. (2019). Stability Enhancement of Landfills on Sloping Ground Using Earthen Berms at the Toe. *Environmental Science and Engineering*, 271–278. https://doi.org/10.1007/978-981-13-2224-2_34
- Mahendra, M., & Amalia, A. (2025). Pengolahan Air Lindi TPA Jabon Griya Mulyo Sidoarjo dengan Metode Constructed Wetland untuk Menyisihkan Parameter COD. *Serambi Engineering*, 10(1).
- Masoner, J. R., & Cozzarelli, I. M. (2015). Spatial and Temporal Migration of a Landfill Leachate Plume in Alluvium. *Water, Air, & Soil Pollution*, 226(2), 18. <https://doi.org/10.1007/s11270-014-2261-x>
- Matejczyk, M., Płaza, G. A., Nałcz-Jawecki, G., Ulfig, K., & Markowska-Szczupak, A. (2011). Estimation of the Environmental Risk Posed by Landfills Using Chemical, Microbiological and Ecotoxicological Testing of Leachates. *Chemosphere*, 82(7), 1017–1023. <https://doi.org/10.1016/j.chemosphere.2010.10.066>
- Mayangsari, R. E., Nawangsari, L. C., & Sutawidjaya, A. H. (2021). Employee Green Behavior on Generation X and Y Millennial. *International Review of Management and Marketing*, 11(4), 38–48. <https://doi.org/10.32479/irmm.11633>
- Mukhtar, R. (2022). Urgensi Kaji Ulang Regulasi Baku Mutu Timbal (Pb). *STANDAR: Better Standard Better Living*, 1(2).

- Munif, F., Afifuddin, & Anadza, H. (2022). Efektivitas Sistem Sanitary Landfill oleh Pemerintah Kabupaten Sumba Barat (Studi Kasus Di Kota Waikabubak Kabupaten Sumba Barat). *Jurnal Respon Publik*, 16(5).
- Naveen, B. P., Sivapullaiah, P. V., & Sitharami, T. G. (2015). Effect of Aging on the Leachate Characteristics from Municipal Solid Waste Landfill. *15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering, ARC 2015: New Innovations and Sustainability*, 1940–1945. <https://doi.org/10.3208/jgssp.IND-06>
- Ngatia, M., Kithiia, S. M., & Voda, M. (2023). Effects of Anthropogenic Activities on Water Quality within Ngong River Sub-Catchment, Nairobi, Kenya. *Water (Switzerland)*, 15(4). <https://doi.org/10.3390/w15040660>
- Novianti, N., Zaman, B., & Sarminingsih, A. (2022). Kajian Status Mutu Air dan Identifikasi Sumber Pencemaran Sungai Cidurian Segmen Hilir Menggunakan Metode Indeks Pencemaran (IP). *Jurnal Ilmu Lingkungan*, 20(1), 22–29. <https://doi.org/10.14710/jil.20.1.22-29>
- Nugraha, Y. W., Suprihatin, & Nugroho, R. (2024). Karakterisasi Lindi dan Reformulasi Proses Kimia IPAL Lindi Pembangkit Listrik Tenaga Sampah Bantargebang Bekasi dengan Menggunakan Metode Jar Test. *Jurnal Teknologi Lingkungan*, 25(2).
- Nursetiawan, Shaylinda, N. M. Z., Amani, N. F. M. K., Mohd-Salleh, S. N. A., & Shahr, M. S. (2020). Investigation Of Heavy Metals Pollution in Piyungan Landfill Underground and Surface Water. *IOP Conference Series: Earth and Environmental Science*, 498(1). <https://doi.org/10.1088/1755-1315/498/1/012080>
- Öman, C. B., & Junestedt, C. (2008). Chemical Characterization of Landfill Leachates - 400 Parameters and Compounds. *Waste Management*, 28(10), 1876–1891. <https://doi.org/10.1016/j.wasman.2007.06.018>
- Omorinoye, O. A., Assim, Z. Bin, & Jusoh, I. Bin. (2021). Geomorphological and Sedimentological Features of River Sadong, Sarawak, Malaysia. *Indonesian Journal on Geoscience*, 8(1), 119–130. <https://doi.org/10.17014/ijog.8.1.119-130>
- Opperman, J. J., Orr, S., Baleta, H., Garrick, D., Goichot, M., McCoy, A., Morgan, A., Schmitt, R., Turley, L., & Vermeulen, A. (2020). Achieving Water Security's Full Goals Through Better Integration of Rivers' Diverse and Distinct Values. *Water Security*, 10. <https://doi.org/10.1016/j.wasec.2020.100063>
- Peraturan Gubernur Jawa Tengah No. 5 Tahun 2014. *Tentang Peruntukan Air dan Pengelolaan Kualitas Air Sungai Tuntang di Provinsi Jawa Tengah*. Semarang: Pemerintah Provinsi Jawa Tengah.
- Peraturan Pemerintah No. 22 Tahun 2021. *Tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup*. Jakarta: Pemerintah Republik Indonesia.

- Peraturan Pemerintah No. 38 Tahun 2011. *Tentang Sungai*. Jakarta: Pemerintah Republik Indonesia.
- Permen LHK No. 59 Tahun 2016. *Tentang Baku Mutu Lindi bagi Usaha dan/atau Kegiatan Tempat Pemrosesan Akhir Sampah*. Jakarta: Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia.
- Podlasek, A., Vaverková, M. D., Koda, E., Jakimiuk, A., & Martínez Barroso, P. (2023). Characteristics And Pollution Potential of Leachate from Municipal Solid Waste Landfills: Practical Examples from Poland and the Czech Republic and A Comprehensive Evaluation in A Global Context. *Journal of Environmental Management*, 332. <https://doi.org/10.1016/j.jenvman.2023.117328>
- Poudel, S., Paudyal, A., Prasad Sharma, B., Sharma, K., Baral, Y., Adhikari, S., & Shree Shakya Hada, M. (2021). Microbial and Physico-Chemical Quality Assessment of Rivers of Kathmandu Valley. *Nepal Journal of Biotechnology*, 9(2), 7–13. <https://doi.org/10.54796/njb.v9i2.41908>
- Pramleonita, M., Yuliani, N., Arizal, R., & Wardoyo, S. E. (2018). Parameter Fisika Dan Kimia Air Kolam Ikan Nila Hitam (*Oreochromis niloticus*). *Sains Natural: Journal of Biology and Chemistry*, 8(1), 24–34. <https://doi.org/10.31938/jsn.v8i1.107>
- Przydatek, G., & Kanownik, W. (2019). Impact Of Small Municipal Solid Waste Landfill on Groundwater Quality. *Environmental Monitoring and Assessment*, 191(3), 169. <https://doi.org/10.1007/s10661-019-7279-5>
- Rahman, D. I. (2023). Evaluasi Kualitas Air Sungai terhadap Air Lindi (Leachate) dari TPA Sampah Mojorejo di Kecamatan Bendosari, Kabupaten Sukoharjo. *Prosiding Seminar Nasional Teknik Lingkungan Kebumihan*, 4(1).
- Ratnaningsih, D., Hadi, A., Asiah, A., Lestari, R. P., & Prajanti, A. (2016). Penentuan Parameter dan Kurva Sub Indeks dalam Penyusunan Indeks Kualitas Air. *Jurnal Ecolab*, 10(2), 47–102.
- Ratnaningsih, D., Lestari, R. P., Nazir, E., & Fauzi, R. (2018). Pengembangan Indeks Kualitas Air Sebagai Alternatif Penilaian Kualitas Air Sungai. *Jurnal Ecolab*, 12(2), 53–61.
- Ratnaningsih, D., Lestari, R. P., Nazir, E., Fauzi, R., & Kurniawan, B. (2020). Penggunaan IKA-INA dalam Penilaian Kualitas Air dengan Dua Skenario Kurva Sub-Indeks. *Jurnal Ecolab*, 14(2), 125–135. <https://doi.org/10.20886/jklh.2020.14.2.125-135>
- Rohmadi, E., Sekine, M., & Setiawan, B. (2022). Impact of Slum Upgrading to River Water Quality yn Yogyakarta City, Indonesia. *Jurnal Teknosains*, 12(1), 85. <https://doi.org/10.22146/teknosains.78952>
- Said, N. I., & Hartaja, D. R. K. (2015). Pengolahan Air Lindi dengan Proses Biofilter Anaerob-aerob dan Denitrifikasi. *Jurnal Air Indonesia*, 8(1).

- Salmasi, F., Abraham, J., & Salmasi, A. (2021). Effect Of Stepped Spillways on Increasing Dissolved Oxygen in Water, An Experimental Study. *Journal of Environmental Management*, 299, 113600. <https://doi.org/10.1016/j.jenvman.2021.113600>
- Samadi Khadem, R., Ojaghi Aghchekani, A., & Fataei, E. (2022). Determination of Optimal Urban Waste Management Strategy Using SWOT Analysis: A Case Study. *Journal of Advances in Environmental Health Research*, 10(4), 305–318. <https://doi.org/10.32598/JAEHR.10.4.1265>
- Samiono, R., Komarudin, M., & Prasetyo, A. (2023). Studi Kualitas Air Situ dengan Metode IKA-INA untuk Pemanfaatan Sumber Air Bersih (Studi Kasus Situ Pladen, Beji, Kota Depok). *Jurnal Teknik Sipil*, 12(2).
- Saniy, T. H. (2019). *Kajian Pencemaran Lingkungan Perairan Sungai Kreo Akibat Buangan Air Lindi TPA Jatibarang Kota Semarang*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Saraswati, S. P., Sunyoto, S., Kironoto, B. A., & Hadisusanto, S. (2014). Kajian Bentuk dan Sensitivitas Rumus Indeks PI, STORET, dan CCME untuk Penentuan Status Mutu Perairan Sungai Tropis di Indonesia. *Jurnal Manusia Dan Lingkungan*, 21(2), 129–142.
- Schäfer, R. B., Kühn, B., Malaj, E., König, A., & Gergs, R. (2016). Contribution of Organic Toxicants to Multiple Stress in River Ecosystems. *Freshwater Biology*, 61(12), 2116–2128. <https://doi.org/10.1111/fwb.12811>
- Schweitzer, L., & Noblet, J. (2018). Water Contamination and Pollution. In *Green Chemistry* (pp. 261–290). Elsevier. <https://doi.org/10.1016/B978-0-12-809270-5.00011-X>
- Setyono, P., Sunarhadi, R. M. A., Putri, D. S., Fauziah, I., Andrianto, R., Sari, Y. D., & Firdausi, E. (2024). Analysis of Cadmium (Cd) and Iron (Fe) Heavy Metal Content in The River Around Putri Cempo Landfill, Surakarta. *IOP Conference Series: Earth and Environmental Science*, 1414(1). <https://doi.org/10.1088/1755-1315/1414/1/012006>
- Seyhan, E. (1990). *Dasar-dasar Hidrologi*. Yogyakarta: UGM Press.
- Shakouri, B., & Yazdi, S. K. (2014). Environment and Water Pollution. *Advances in Environmental Biology*, 8(5), 1328–1332.
- SIPSN. (2024). *Timbulan dan Komposisi Sampah Kabupaten Semarang 2024*.
- Smith, P., & Scott, J. (2005). *Dictionary of Water and Waste Management* (2nd ed.). Elsevier.
- SNI 03-3241-1994. (1994). *Tata Cara Pemilihan Lokasi Tempat Pembuangan Akhir Sampah*. Jakarta: Badan Standardisasi Nasional.
- SNI 6989-57-2008. (2008). *Metoda Pengambilan Contoh Air Permukaan*. Jakarta: Badan Standardisasi Nasional.

- SNI 6989-59-2008. (2008). *Metoda Pengambilan Contoh Air Limbah*. Jakarta: Badan Standardisasi Nasional.
- SNI 8066-2015. (2015). *Tata Cara Pengukuran Debit Aliran Sungai dan Saluran Terbuka Menggunakan Alat Ukur dan Pelampung*. Jakarta: Badan Standardisasi Nasional.
- Sriyana, S. (2011). Kajian Karakteristik DAS Tuntang dan Model Pengelolaan DAS Terpadu. *Jurnal Ilmiah Bidang Ilmu Kerekayasaan*, 32(3), 180–186. <https://doi.org/10.14710/teknik.v32i3.1742>
- Suharsimi, A. (2006). *Prosedur Penelitian: Suatu Pendekatan Praktik*. Jakarta: Rineka Cipta.
- Sujoko, E. (2017). Strategi Peningkatan Mutu Sekolah Berdasarkan Analisis SWOT di Sekolah Menengah Pertama. *Kelola: Jurnal Manajemen Pendidikan*, 4(1), 83. <https://doi.org/10.24246/j.jk.2017.v4.i1.p83-96>
- Suriadikusumah, A., Mulyani, O., Sudirja, R., Sofyan, E. T., Maulana, M. H. R., & Mulyono, A. (2021). Analysis of the Water Quality at Cipeusing River, Indonesia Using the Pollution Index Method. *Acta Ecologica Sinica*, 41(3), 177–182. <https://doi.org/10.1016/J.CHNAES.2020.08.001>
- Sutadian, A. D., Muttil, N., Yilmaz, A. G., & Perera, B. J. C. (2018). Development of a Water Quality Index for Rivers in West Java Province, Indonesia. *Ecological Indicators*, 85, 966–982. <https://doi.org/10.1016/j.ecolind.2017.11.049>
- Szymański, K., Janowska, B., Izewska, A., Sidelko, R., & Siebielska, I. (2018). Method of Evaluating the Impact of Landfill Leachate on Groundwater Quality. *Environmental Monitoring and Assessment*, 190(7), 415. <https://doi.org/10.1007/s10661-018-6776-2>
- Tickner, D., Parker, H., Moncrieff, C. R., Oates, N. E. M., Ludi, E., & Acreman, M. (2017). Managing Rivers for Multiple Benefits-A Coherent Approach to Research, Policy and Planning. *Frontiers in Environmental Science*, 5(FEB). <https://doi.org/10.3389/fenvs.2017.00004>
- Tuffahati, R., & Amalia, A. (2025). Pengaruh Aerasi pada Elektroda Seng dengan Tanaman Typha latifolia dalam Sistem CW-MFC terhadap Penurunan Parameter Pencemar Air Lindi TPA. *Serambi Engineering*, 10(4).
- Tyagi, S., Sharma, B., Singh, P., & Dobhal, R. (2020). Water Quality Assessment in Terms of Water Quality Index. *American Journal of Water Resources*, 1(3), 34–38. <https://doi.org/10.12691/ajwr-1-3-3>
- U.S. Environmental Protection Agency. (2022). *Point Source Discharge*.
- Utami, A. M., & Rosariawari, F. (2022). Perencanaan Tempat Pemrosesan Akhir Sampah Dengan Sistem Sanitary Landfill Metode Canyon di Kabupaten Bondowoso. *Enviroous*, 3(1), 115–121. <https://doi.org/10.33005/enviroous.v3i1.75>

- UU No. 18 Tahun 2008. *Tentang Pengelolaan Sampah*. Jakarta: Pemerintah Republik Indonesia.
- UU No. 32 Tahun 2009. *Tentang Perlindungan dan Pengelolaan Lingkungan Hidup*. Jakarta: Pemerintah Republik Indonesia.
- Wang, H., & He, G. (2022). Rivers: Linking Nature, Life, and Civilization. In *River* (Vol. 1, Issue 1, pp. 25–36). John Wiley and Sons Inc. <https://doi.org/10.1002/rvr2.7>
- Wang, J., Yang, S., Tian, Y., Liang, E., Zhao, X., & Li, B. (2024). Intensified Anthropogenic Disturbances Impair Planktonic Algae in An Urban River. *Journal of Cleaner Production*, 468. <https://doi.org/10.1016/j.jclepro.2024.143091>
- Widiastuti, A., Hartono, D. M., Moersidik, S. S., & Gusniani, I. (2018). Characteristics of Leachate and Their Effect on Shallow Groundwater Quality (Case Study: TPA Cipayung, Depok). *IOP Conference Series: Earth and Environmental Science*, 120(1). <https://doi.org/10.1088/1755-1315/120/1/012003>
- Wiyanarti, E. (2018). River and Civilization in Sumatera's Historical Perspective in the 7th to 14th Centuries. *IOP Conference Series: Earth and Environmental Science*, 145(1). <https://doi.org/10.1088/1755-1315/145/1/012123>
- Wu, G., Xiao, X., & Liu, Y. (2022). Satellite-Based Surface Water Storage Estimation: Its History, Current Status, and Future Prospects. *IEEE Geoscience and Remote Sensing Magazine*, 10(3), 10–31. <https://doi.org/10.1109/MGRS.2022.3175159>
- Xie, S., Ma, Y., Strong, P. J., & Clarke, W. P. (2015). Fluctuation Of Dissolved Heavy Metal Concentrations in The Leachate from Anaerobic Digestion of Municipal Solid Waste in Commercial Scale Landfill Bioreactors: The Effect of pH and Associated Mechanisms. *Journal of Hazardous Materials*, 299, 577–583. <https://doi.org/10.1016/j.jhazmat.2015.07.065>
- Zaenudin, & Astuti, R. S. (2025). Dinamika Kolaborasi Dalam Penanganan Sampah di Kota Bogor. *Journal of Management and Public Policy*, 14(2).
- Zhang, P., Chai, J., Cao, J., Qin, Y., Dang, M., Geng, K., & Wei, Y. (2023). Landfill Leachate Generation Mechanism Study: A Review. *International Journal of Environmental Science and Technology*, 20(8), 9271–9290. <https://doi.org/10.1007/s13762-022-04723-6>