

DAFTAR PUSTAKA

- Al Kholif, M., Pungut, Sugito, Joko Sutrisno, & Winda Sulisty Dewi. (2020). Pengaruh Waktu Tinggal dan Media Tanam pada Constructed Wetland untuk Mengolah Air Limbah Industri Tahu. *Al-Ard: Jurnal Teknik Lingkungan*, 5(2), 107–115. <https://doi.org/10.29080/alard.v5i2.901>
- Anam, M. M., Kurniati, E., & Suharto, B. (2013a). Penurunan kandungan logam pb dan cr leachate melalui fitoremediasi bambu air (*equisetum hyemale*) dan zeolit reduction of pb and cr metals contents of leachate by means of phytoremediation of bambu air (*equisetum hyemale*) and zeolit. *Jurnal Keteknikan Pertanian Tropis Dan Biosistem*, 1(2), 43–59. <https://jkptb.ub.ac.id/index.php/jkptb/article/view/118/121>
- Anam, M. M., Kurniati, E., & Suharto, B. (2013b). Penurunan Kandungan Logam Pb dan Cr Leachate Melalui Fitoremediasi Bambu Air (*Equisetum hyemale*) dan Zeolit. *Jurnal Keteknikan Pertanian Tropis Dan Biosistem*, 1(2), 43–59. <https://jkptb.ub.ac.id/index.php/jkptb/article/view/118/121>
- Astuti, A. D., Lindu, M., Yanidar, R., & Kleden, M. M. (2017). Kinerja Subsurface Constructed Wetland Multylayer Filtration Tipe Aliran Vertikal dengan Menggunakan Tanaman Akar Wangi (*Vetivera zozanoides*) dalam Penyisihan BOD dan COD dalam Air Limbah Kantin. *Jurnal Penelitian Dan Karya Ilmiah Lembaga Penelitian Universitas Trisakti*, 1(2), 91–108. <https://doi.org/10.25105/pdk.v1i2.1456>
- Borkar, R. P., & Mahatme, P. S. (2015). Tidal flow constructed wetland: An overview. *International Journal of Engineering And Science*, 5(10), 31–34.
- Chand, N., Suthar, S., & Kumar, K. (2021). Wastewater nutrients and coliforms removals in tidal flow constructed wetland: Effect of the plant (*Typha*) stand and biochar addition. *Journal of Water Process Engineering*, 43(September), 102292. <https://doi.org/10.1016/j.jwpe.2021.102292>
- Cheng, L., Han, J., Wang, Y., Tan, J., Liu, H., Gui, S., & Wu, Y. (2018). Analysis of access location and capacity of distributed generation based on OpenDSS. *China International Conference on Electricity Distribution, CICED*, 2264–2268. <https://doi.org/10.1109/CICED.2018.8592412>
- Collison, R. S., & Grismer, M. E. (2014). Nitrogen and Chemical Oxygen Demand Removal from Septic Tank Wastewater in Subsurface Flow Constructed Wetlands: Substrate (Cation Exchange Capacity) Effects. *Water Environment Research*, 86(4), 314–323. <https://doi.org/10.2175/106143013x13736496908627>
- Crites, R. W. (1994). Design criteria and practice for constructed wetlands. *Water Science and Technology*, 29(4), 1–6. <https://doi.org/10.2166/wst.1994.0144>
- Danista, R. W. (2012). *Penggunaan Bambu Air (Equisetum hyemale) dan Bambu Rejeki (Dracaena sanderiana) untuk Penyisihan Nitrogen dan Fosfor pada Grey Water dengan Sistem Constructed Wetland*. 30.

- Davis, L. (1995). *A handbook of constructed wetlands: A guide to creating wetlands for: agricultural wastewater, domestic wastewater, coal mine drainage, stormwater. In the Mid-Atlantic Region. Volume 1: General considerations.* USDA-Natural Resources Conservation Service. Last update: June 15, 2022
- Dirjen Cipta karya. (2013a). *Buku a Panduan Perencanaan Teknik Terinci Bangunan Pengolahan Lumpur Tinja.*
- Dirjen Cipta karya. (2013b). *Buku A Panduan Perencanaan Teknik Terinci Bangunan Pengolahan Lumpur Tinja.* 1–237.
- DuPoldt, C., Edwards, R., Garber, L., Isaacs, B., & Lapp, J. (1996). A Handbook of Constructed Wetlands: General Considerations. *Ecological Engineering*, 1(1996), 53.
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.169.7471&rep=rep1&type=pdf%0Awww.unhabitat.org>
- Gokalp, Z., & Ta, I. (2018). *Different Substrate Materials for Phosphorus Removal.* 7(14), 69–75.
- Hamuna, B., Tanjung, R. H. R., Suwito, S., & Maury, H. K. (2018). Konsentrasi Amoniak, Nitrat dan Fosfat Di Perairan Distrik Depapre, Kabupaten Jayapura. *EnviroScientiae*, 14(1), 8. <https://doi.org/10.20527/es.v14i1.4887>
- Herlambang, A., & Marsidi, R. (2003). Proses Denitrifikasi Dengan Sistem Biofilter Untuk Pengolahan Air Limbah Yang Mengandung Nitrat. *J. Tek. Ling*, 4 No.1, 46–55. <https://doi.org/https://doi.org/10.29122/jtl.v4i1.272>
- Husnabilah, A. (2016). Perencanaan Constructed Wetland untuk Pengolahan Greywater Menggunakan Tumbuhan Canna indica (Studi Kasus: Kelurahan Keputih Surabaya). *DEPARTMENT OF ENVIRONMENTAL ENGINEERING Faculty of Civil Engineering and Planning Institute of Technology Sepuluh Nopember.*
- Kartal, B., Maalcke, W. J. J., De Almeida, N. M. M., Cirpus, I., Gloerich, J., Geerts, W., Op Den Camp, H. J. M. J. M., Harhangi, H. R. R., Janssen-Megens, E. M. M., Francoijis, K. J. J., Stunnenberg, H. G. G., Keltjens, J. T. T., Jetten, M. S. M. S. M., Strous, M., & Kartal, Boran; Maalcke, Wouter J.; de Almeida, Naomi M.; Cirpus, Irina; Gloerich, Jolein; Geerts, Wim; Op den Camp, Huub J. M.; Harhangi, Harry R.; Janssen-Megens, Eva M.; Francoijis, Kees-Jan; Stunnenberg, Hendrik G.; Keltjens, Jan T.; Jetten, Mike S. M.; M. (2011). Molecular mechanism of anaerobic ammonium oxidation. *Nature*, 479(7371), 127–130. <https://doi.org/10.1038/nature10453>
- Khusnul, A., & Putu, W. (2015). Pengolahan Air Limbah Domestik Menggunakan Biofilter Anaerob Bermedia Plastik (Bioball). *Envirotek : Jurnal Ilmiah Teknik Lingkungan*, 7(2), 55–66.
- Maharjan, A. K., Mori, K., Nishida, K., & Toyama, T. (2021). Nitrogen removal from ammonium-contaminated groundwater using dropping nitrification–cotton-based denitrification reactor. *Water Supply*. <https://doi.org/10.2166/ws.2021.258>

- Maharjan, Amit Kumar, Mori, K., & Toyama, T. (2020). Nitrogen removal ability and characteristics of the laboratory-scale tidal flow constructed wetlands for treating ammonium-nitrogen contaminated groundwater. *Water (Switzerland)*, 12(5), 1–5. <https://doi.org/10.3390/W12051326>
- Muflih. (2013). *Sistem pengolahan limbah cair industri produk perikanan*. 4(2), 99–104.
- Panelin, Y. (2017). Studi Potensi Penyisihan Nitrogen pada Efluen IPAL Domestik dengan Penggunaan Constructed Wetland. *Journal of Environmental Engineering and Waste Management*, 2(1), 33–42. <https://media.neliti.com/media/publications/259278-studi-potensi-penyisihan-nitrogen-pada-e-f599878e.pdf>
- Prayitno, M. S. (2014). *Improvement of Treated Tannery Wastewater Using Constructed Wetland System Vegetated With Equisetum Hyemale*. 30, 23–28. <http://litbang.kemenperin.go.id/mkkp/article/view/120/106>
- Prayitno, P., & Soleh, M. (2014). Pengurangan Nitrogen pada Limbah Cair Terolah Industri Penyamakan Kulit Menggunakan Sistem Wetland Buatan. *Majalah Kulit, Karet, Dan Plastik*, 30(2), 79. <https://doi.org/10.20543/mkkp.v30i2.129>
- Puji, H. Y. Y., Hastuti, Y. P., & Puji, H. Y. Y. (2011). Nitrifikasi dan denitrifikasi di tambak Nitrification and denitrification in pond. *Jurnal Akuakultur Indonesia*, 10(1), 89–98.
- Ratnani, R., Hartati, I., & Kurniasari, L. (2011). Pemanfaatan Eceng Gondok (Eichornia Crassipes) Untuk Menurunkan Kandungan Cod(Chemical Oxygen Demond), Ph, Bau, Dan Warna Pada Limbah Cair Tahu. *Jurnal Momentum UNWAHAS*, 7(1), 113323.
- Samekto, R. (2009). Anammox: Suatu Proses Baru Dalam Daur Nitrogen Yang Menawarkan Banyak Peluang Dalam Pengelolaan Pencemaran Air Akibat Nitrogen. *Jurnal Inovasi Pertanian*, 8(1), 73–86.
- Satria, A. W., Rahmawati, M., & Prasetya, A. (2019a). *Pengolahan Nitrifikasi Limbah Amonia dan Denitrifikasi Limbah Fosfat dengan Biofilter Tercelup Processing Ammonia Nitrification and Phosphat Denitrification Wastewater with Submerged Biofilter*. 20(2), 243–248.
- Satria, A. W., Rahmawati, M., & Prasetya, A. (2019b). Pengolahan Nitrifikasi Limbah Amonia dan Denitrifikasi Limbah Fosfat dengan Biofilter Tercelup. *Jurnal Teknologi Lingkungan*, 20(2), 243. <https://doi.org/10.29122/jtl.v20i2.3479>
- Shi, W., Li, H., & Li, A. (2018). Mechanism and Influencing Factors of Nitrogen Removal in Subsurface Flow Constructed Wetland. *Applied Chemical Engineering*, 1(1), 9–14. <https://systems.enpress-publisher.com/index.php/ACE/article/view/344>
- Stefanakis, A., Akratos, C. S., & Tsirhrintzis, V. A. (2014). *Vertical Flow Constructed Wetlands: Eco-engineering Systems for Wastewater and Sludge Treatment*. <https://doi.org/10.1016/C2012-0-01288-4>

- Suharto, B., Susanawati, L. D., & Wilistien, B. I. (2011). Penurunan kandungan logam Pb dan Cr leachate melalui fitoremediasi bambu air (*Equisetum hyemale*) dan zeolit. *Agrointek: Jurnal Teknologi Industri Pertanian*, 5(2), 148-158.
- Tchobanoglous, G., Burton, F. L., & Stensel, H. D. (2003). Wastewater Engineering Treatment and Reuse, 4th ed. In *Metcalf & Eddy, Inc.*
- Tchobanoglous, George, Burton, F. L., & Stensel, H. D. (2003). Wastewater Engineering: Treatment and Reuse. In *Chemical engineering*. Mc.Graw Hill.
- Vymazal, J. (2008). Constructed Wetlands, Surface Flow. *Encyclopedia of Ecology*, Five-Volume Set, 765–776. <https://doi.org/10.1016/B978-008045405-4.00079-3>
- Vymazal, Jan. (2011). Constructed wetlands for wastewater treatment: Five decades of experience. *Environmental Science and Technology*, 45(1), 61–69. <https://doi.org/10.1021/es101403q>
- Vymazal, Jan, Kröpfelová, L., & Wastewater. (2008). *Wastewater Treatment in Constructed Wetlands with Horizontal Sub-Surface Flow* (J. T. Alloway, Brian J; Trevors (ed.)). www.springer.com/series/5929
- Wang, L., Pang, Q., Peng, F., Zhang, A., Zhou, Y., Lian, J., Zhang, Y., Yang, F., Zhu, Y., Ding, C., Zhu, X., Li, Y., & Cui, Y. (2020). Response Characteristics of Nitrifying Bacteria and Archaea Community Involved in Nitrogen Removal and Bioelectricity Generation in Integrated Tidal Flow Constructed Wetland-Microbial Fuel Cell. *Frontiers in Microbiology*, 11(June), 1–17. <https://doi.org/10.3389/fmicb.2020.01385>
- Wang, L., Zhou, Y., Peng, F., Zhang, A., Pang, Q., Lian, J., Zhang, Y., Yang, F., Zhu, Y., Ding, C., Ni, L., & Cui, Y. (2020). Intensified Nitrogen Removal in The Tidal Flow Constructed Wetland-Microbial Fuel Cell: Insight into Evaluation of Denitrifying Genes. *Journal of Cleaner Production*, 264, 121580. <https://doi.org/10.1016/j.jclepro.2020.121580>
- Wijaya, I. M. W., & Putra, P. E. D. (2021). Anaerobic Ammonium Oxidation (Anammox) Pada Penyisihan Nitrogen Dalam Air Limbah Domestik. *Ecocentrims*, 1, 113–122.
- Zhang, Q., Yang, Y., Chen, F., Zhang, L., Ruan, J., Wu, S., & Zhu, R. (2020). Effects of hydraulic loading rate and substrate on ammonium removal in tidal flow constructed wetlands treating black and odorous water bodies. *Bioresource Technology*, 321 (October 2020), 124468. <https://doi.org/10.1016/j.biortech.2020.124468>