

DAFTAR PUSTAKA

- Abdullahi, A.B., Siregar, A.R., Pakiding, W., Mahyuddin. 2021. The Analysis of BOD (Biological Oxygen Demand) and COD (Chemical Oxygen Demand) Contents in the Water of Around Laying Chicken Farm. *IOP Conference Series: Earth and Environmental Science*, **788**(1): 1-6. <https://doi.org/10.1088/1755-1315/788/1/012155>
- Abyaneh, Hamid Zare. 2014. Evaluation of Multivariate Linear Regression and Artificial Neural Networks in Prediction of Water Quality Parameters. *Journal of Environmental Health Science and Engineering*, **12**(1): 1-8. <https://doi.org/10.1186/2052-336X-12-40>
- Adam, M.A., Khumaidi, A., Ramli, Ernawati, Widiastuti, I.M., Risjani, Y., Soegianto, A. 2022. Environmental Quality Identification of Wangi the River Polluted by Waste Based on the Environmental Pollution Index. *IOP Conference Series: Earth and Environmental Science*, **1062**(1): 1-10. <https://doi.org/10.1088/1755-1315/1062/1/012031>
- Adawiah, S.W., Setiawan, K.T., Parwati, E., Faristyawan, R. 2021. Development of Empirical Model of Total Suspended Solid (TSS) by using Landsat 8 on the Coast of Bekasi Regency. *IOP Conference Series: Earth and Environmental Science*, **750**(1): 1-8. <https://doi.org/10.1088/1755-1315/750/1/012039>
- Adhar, S., Lukman, Khalil, M., Ayuzar, E., Erlangga, Rusydi, R., Mainisa, Muliani. 2022. Influence of Rainfall and Spatial Temporal Distribution Analysis of Total Suspended Solid in Laut Tawar Lake. *IOP Conference Series: Earth and Environmental Science*, **1062**(1): 1-15. <https://doi.org/10.1088/1755-1315/1062/1/012022>
- Ahmad, M. H., Hamid, M., Koumleh, M.H., Lahiji, M.A. 2013. The Relationship between Air Temperature and Water Temperature under Traditional and Experimental Measurement in Johor Bahru (Malaysia). *Journal Basic and Applied Scientific Research*, **3**(10): 281-284. <https://doi.org/10.9790/0990-0114952>
- Ali, M. dan Aida, S.N. 2017. Kualitas Fisika dan Kimia Air Waduk Batulegi Lampung. *Kinetika*, **8**(2): 25-32. E-ISSN: 2623-1417
- Ali, H.H., Fayed, M.I.A., Lazim, I.I. 2022. Use of Aquatic Plants in Removing Pollutants and Treating the Wastewater: A Review. *Journal of Global Innovations in Agricultural Sciences* **10**(2): 61-70. <https://doi.org/10.22194/JGIAS/10.985>
- Anggraini, S.P., Suheryanto, Herpandi. 2021. Water Quality Analysis Relation to Phytoplankton Community and Fish Resources in Teluk Gelam Lake, Ogan

- Komerling Ilir. *Sriwijaya Journal of Environment*, **6**(3): 84–92. <https://doi.org/10.22135/sje.2021.6.3.84-92>
- Aniyikaiye, T.E., Oluseyi, T., Odiyo, J.O., Edokpayi, J.N. 2019. Physico-Chemical Analysis of Wastewater Discharge from Selected Paint Industries in Lagos, Nigeria. *International Journal of Environmental Research and Public Health*, **16**(7): 1–17. <https://doi.org/10.3390/ijerph16071235>
- Arofah, S., Sari, L.A., Kusdarwati, R. 2021. The Relationship with N/P Ratio to Phytoplankton Abundance in Mangrove Wonorejo Waters, Rungkut, Surabaya, East Java. *IOP Conference Series: Earth and Environmental Science*, **718**(1): 1–10. <https://doi.org/10.1088/1755-1315/718/1/012018>
- Arum, O., Piranti, A.S., Christiani. 2017. Tingkat Pencemaran Waduk Penjalin Kecamatan Paguyangan Kabupaten Brebes Ditinjau dari Struktur Komunitas Plankton. *Scripta Biologica*, **4**(1): 53–59. <https://doi.org/10.20884/1.sb.2017.4.1.386>
- Arum, S.P.I., Harisuseno, D., Soemarno 2019. Domestic Wastewater Contribution to Water Quality of Brantas River at Dinoyo Urban Village, Malang City. *J-PAL*, **10**(2): 84–91. <https://doi.org/10.21776/ub.jpall.2019.010.02.02>
- Ayuniar, L.N. and Hidayat, J.W. 2018. The Profile Quality of Pond in Kendal Regency to Diversification Aquaculture. *E3S Web of Conferences*, **31**: 1–5. <https://doi.org/10.1051/e3sconf/20183108025>
- Badan Standardisasi Nasional. 2009. Air dan Air Limbah-Bagian 72: Cara Uji Kebutuhan Oksigen Biokimia (Biochemical Oxygen Demand/BOD). Jakarta. SNI 6989.72-2009
- Bonacci, O., Đurin, B., Bonacci, T.R., Bonacci, D. 2022. The Influence of Reservoirs on Water Temperature in the Downstream Part of an Open Watercourse: A Case Study at Botovo Station on the Drava River. *Water*, **14**(21): 1–18. <https://doi.org/10.3390/w14213534>
- Budijono, Tang, U.M., Putra, R.M. 2021. Dynamic of Water Fertility in Koto Panjang Reservoir, Riau Province, Indonesia. *AACL Bioflux*, **14**(2): 965–975.
- Budijono, B., Suharman, I., Hendrizal, A. 2021. Dynamics Water Quality in Koto Panjang Reservoir, Indonesia. *IOP Conference Series: Earth and Environmental Science*, **934**(1): 1–10. <https://doi.org/10.1088/1755-1315/934/1/012056>
- Castelletti, A., Yajima, H., Giuliani, M., Sessa, S.R., Weber, E. 2014. Planning the Optimal Operation of a Multioutlet Water Reservoir with Water Quality and Quantity Targets. *Journal of Water Resources Planning and Management*, **140**(4): 496–510. [https://doi.org/10.1061/\(asce\)wr.1943-5452.0000348](https://doi.org/10.1061/(asce)wr.1943-5452.0000348)
- Choi, Y.Y., Baek, S.R., Kim, J.I., Choi, J.W., Hur, J., Lee, T.U., Park, C.J., Lee, B.J. 2017. Characteristics and Biodegradability of Wastewater Organic Matter in

- Municipal Wastewater Treatment Plants Collecting Domestic Wastewater and Industrial Discharge. *Water*, **9(6)**: 1–12. <https://doi.org/10.3390/w9060409>
- Corsita, L., Arwin, A., Muntalif, B. S., Salami. 2014. Assessment of the Water Quality of Jatiluhur Reservoir, the Downstream of Citarum Cascade River, Using Selected Physico-Chemical Parameters. *Jurnal Rekayasa Kimia & Lingkungan*, **10(1)**: 40–48. <https://doi.org/10.23955/rkl.v10i1.2171>
- Das, R., Samal, N.R., Roy, P.K., Mitra, D. 2006. Role of Electrical Conductivity as an Indicator of Pollution in Shallow Lakes. *Asian Journal of Water, Environment and Pollution* **3(1)**: 143–146.
- Dawood, Ammar Salman. 2017. Using of Nemerow's Pollution Index (NPI) for Water Quality Assessment of Some Basrah Marshes, South of Iraq. *Journal of Babylon University/Engineering Sciences* **25(5)**: 1708–1720.
- Dewata, I., and Zainul, R. 2015. Determination of pH-BOD-COD and Degradation in Batang Arau Watersheds at Padang City. **7(12)**, 445–451. ISSN: 0975-7384
- Dewi, L. S., Supraba, I., Kamulyan, B. 2020. Penentuan Status Mutu Air Waduk Sermo dengan Metode STORET dan Indeks Pencemaran. *Jurnal Sains dan Teknologi Lingkungan*, **12(1)**: 12–24. <https://doi.org/10.20885/jstl.vol12.iss1.art2>
- Dirisu, C.G., Mafiana, M.O., Dirisu, G.B., Amodu, R. 2016. Level of pH in Drinking Water of an Oil and Gas Producing Community and Perceived Biological and Health Implications. *European Journal of Basic and Applied Sciences*, **3(3)**: 53–60. ISSN: 2059-3058
- Du, C., Li, Y., Lyu, H., Shi, K., Liu, N., Yan, C., Pan, J., Guo, Y., Li, Y. 2022. Characteristics of the Total Suspended Matter Concentration in the Hongze Lake during 1984–2019 Based on Landsat Data. *Remote Sensing*, **14(12)**: 1–20. <https://doi.org/10.3390/rs14122919>
- Effendi, Hefni. 2003. Telaah Kualitas Air Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan. Kanisius Yogyakarta. 256 hal.
- Elinah, Batu, D. T. F. L., Ernawati, Y. 2016. Kebiasaan Makan dan Luas Relung Ikan-ikan Indigenous yang Ditemukan di Waduk Penjalin Kabupaten Brebes, Jawa Tengah. *Jurnal Ilmu Pertanian Indonesia*, **21(2)**: 98–103. <https://doi.org/10.18343/jipi.21.2.98>
- Fragoso, J.P.L., Campos, D.J., Elias, J.A.L., Juarez, L.A.M., Olivarria, D.F., Kanashiro, C.H. 2021. Biochemical and Molecular Aspects of Phosphorus Limitation in Diatoms and Their Relationship with Biomolecule

- Accumulation. *Biology*, **10** (7): 1–21.
<https://doi.org/10.3390/biology10070565>
- Geerdink, R.B., Hurk, R.S., Epema, O.J. 2017. Chemical Oxygen Demand: Historical Perspectives and Future Challenges. *Analytica Chimica Acta*, **961**: 1–11. <https://doi.org/10.1016/j.aca.2017.01.009>
- Gibson, J.M.D. and Pieper, K.J. 2017. Strategies to Improve Private-Well Water Quality: A North Carolina Perspective. *Environmental Health Perspectives*, **125**(7): 1–9. <https://doi.org/10.1289/EHP890>
- Gu, H., Lu, B., Qi, C., Xiong, S., Shen, W., Ma, L. 2021. Article Water Temperature Simulation in a Tropical Lake in South China. *Water*, **13**(7): 1–18. <https://doi.org/10.3390/w13070913>
- HACH. 2014. Suspended Solids Photometric Method. Hach Company, U.S.A. DOC316.53.01139
- HACH. 2017. Phosphorus, Reactive (Orthophosphate) USEPA PhosVer 3® (Ascorbic Acid). Hach Company, U.S.A. DOC316.53.01119
- HACH. 2019. Nitrate Cadmium Reduction Method. Hach Company, U.S.A. DOC316.53.01066
- Hamiyati, I., Batu, D.T.F.L., Yonvitner. 2019. Biological Reproduction Aspects of Jaguar Guapote (*Parachromis managuensis*) in Penjalin Reservoir Brebes-Central Java, Indonesia. *Journal of Biodiversity and Environmental Science*, **14**(4): 8–13.
- Handoko, M. and Sutrisno, A.J. 2021. Spatial and Temporal Analysis of Dissolved Oxygen (DO) and Biological Oxygen Demand (BOD) Concentrations in Rawa Pening Lake, Semarang Regency. *Jurnal Geografi Gea*, **21**(1). <https://doi.org/10.17509/gea.v21i1.32330>
- Herawati, H., Kurniawati, N., Maulina, I., Zahidah, Sahidin, A. 2018. Water Quality Status of Jatigede Reservoirs In Sumedang. *Global Scientific Journal*, **6**(1): 181–188. ISSN: 2320–9186
- Hertin, S. R., Lindu, M., Iswanto, B. 2017. Study in Pluit Reservoir, North Jakarta and Determination of Organic Degradation. *Indonesian Journal of Urban and Environmental Technology*, **1**(1): 65–81. <https://doi.org/10.25105/urbanenvirotech.v1i1.2405>
- Irwan, F. Dan Afdal. 2016. Analisis Hubungan Konduktivitas Listrik dengan Total Dissolved Solid (TDS) dan Temperatur pada Beberapa Jenis Air. *Jurnal Fisika Unand*, **5**(1): 85–93. ISSN: 2302–8491

- Jin, L., Zhao, C., Wang, J. 2016. Form Distribution Characteristics of Nitrogen in a Reservoir as Drinking Water Source. *Journal of Environmental Protection*, 7(13): 2018–2024. <https://doi.org/10.4236/jep.2016.713156>
- Kartono, Purwanto, Suripin. 2020. Analysis of Local Rainfall Characteristics as a Mitigation Strategy for Hydrometeorology Disaster in Rain-fed Reservoirs Area. *Advances in Science, Technology and Engineering Systems*, 5(3): 299–305. <https://doi.org/10.25046/aj050339>
- Kementerian Lingkungan Hidup. 2003. Keputusan Menteri Negara Lingkungan Hidup Nomor 115 tahun 2003 tentang Pedoman Penentuan Status Mutu Air. Jakarta.
- Kerrison, P., Spencer, J.M.H., Suggett, D.J., Hepburn, L.J., Steinke, M. 2011. Assessment of pH Variability at a Coastal CO₂ Vent for Ocean Acidification Studies. *Estuarine, Coastal and Shelf Science*, 94(2): 129–137. <https://doi.org/10.1016/j.ecss.2011.05.025>
- Kiswanto, Wintah, Sriwahyuni, S., Nurdin. 2022. Post-mining Pond Water Suitability for Fisheries Culture in West Aceh, Indonesia. *AAEL Biflux*, 15(1) 436–445.
- Lall, S.P. and Kaushik, S.J. 2021. Nutrition and Metabolism of Minerals in Fish. *Animals*, 11(2711): 1–41. <https://doi.org/10.3390/ani11092711>
- Leidonald, R., Muhtadi, A., Lesmana, I., Harahap, Z.A., Rahmadya, A. 2019. Profiles of Temperature, Salinity, Dissolved Oxygen, and pH in Tidal Lakes. *IOP Conference Series: Earth and Environmental Science*, 260(1): 1–7. <https://doi.org/10.1088/1755-1315/260/1/012075>
- Li, J.J., Dong, F., Huang, A.P., Lian, Q. Y., Peng, W.Q. 2021. The Migration and Transformation of Nitrogen in the Danjiangkou Reservoir and Upper Stream: A Review. *Water*, 13(19): 1–19. <https://doi.org/10.3390/w13192749>
- Maddumage, D.C. and Pemasiri, B.M.K. 2023. Dynamic Behavior of Fluid Flow Through a Downscaled Model of Bissokotuwa of The Ancient Reservoirs in Sri Lanka. *Ceylon Journal of Science*, 52(1): 63–69. <https://doi.org/10.4038/cjs.v52i1.8105>
- Mamun, M., Kim, J.Y., An, K.G. 2021. Multivariate Statistical Analysis of Water Quality and Trophic State in an Artificial Dam Reservoir. *Water*, 13(2): 1–18. <https://doi.org/10.3390/w13020186>
- Marip, J.B., Yuan, X., Zhu, H., Nooni, I.K., Amankwah, S.O.Y., Prempeh, N.A., Norgbey, E., Yuguda, T.K., Khaing, Z.M. 2020. Spatial Distribution and Environmental Significance of Phosphorus Fractions in River Sediments and Its Influencing Factor from Hongze and Tiaoxi Watersheds, Eastern China.

- International Journal of Environmental Research and Public Health*, **17**(16): 1–14.
<https://doi.org/10.3390/ijerph17165787>
- Marselina, M. and Burhanudin, M. 2017. Trophic Status Assessment of Saguling Reservoir, Upper Citarum Basin, Indonesia. *Air, Soil and Water Research*, **10**: 1–8. <https://doi.org/10.1177/1178622117746660>
- Melker, A.I., Starovoitov, S.A., Vorobyeva, T.V. 2010. Heat, Temperature, Entropy. *Materials Physics and Mechanics*, **9**(3): 194–209.
- Mortada, W.I., Mohamed, R.A., Monem, A.A.A., Awad, M.M., Hassan, A.F. 2023. Effective and Low-Cost Adsorption Procedure for Removing Chemical Oxygen Demand from Wastewater Using Chemically Activated Carbon Derived from Rice Husk. *Separations*, **10**(1): 1–13. <https://doi.org/10.3390/separations10010043>
- Muftiana, M., Izzati, M., Soeprobowati, T.R. 2020. Survival and Performance of *Hydrilla verticillata* (L.f.) Royle and *Eichhornia crassipes* (Mart.) Solms as Phytoremediator on Leachate of Jatibarang Landfill in Semarang, Central Java. *IOP Conference Series: Earth and Environmental Science*, **477**(1): 1–9. <https://doi.org/10.1088/1755-1315/477/1/012008>
- Mukhroji dan Suprpto, Y. 2018. Pengembangan Potensi Wisata Air di Waduk Penjalin Desa Winduaji Kecamatan Paguyangan. *Prosiding Seminar Nasional Dies Natalis Universitas Pekalongan ke-37*, 1–9. ISBN: 978–602–6779–23–6
- Naryanto, Heru Sri. 2013. Kajian Penilaian Risiko Bencana Kemungkinan Jebolnya Tanggul Waduk Penjalin, Kabupaten Brebes, Provinsi Jawa Tengah. *Jurnal Sains dan Teknologi Indonesia*, **15**(1): 24–33. <https://doi.org/10.29122/jsti.v15i1.936>
- Noori, R., Berndtsson, R., Adamowski, J.F., Abyaneh, M.R. 2018. Temporal and Depth Variation of Water Quality due to Thermal Stratification in Karkheh Reservoir, Iran. *Journal of Hydrology: Regional Studies*, **19**: 279–286. <https://doi.org/10.1016/j.ejrh.2018.10.003>
- Novotny, Vladimir. 2011. The Danger of Hypertrophic Status of Water Supply Impoundments Resulting from Excessive Nutrient Loads from Agricultural and Other Sources. *Journal of Water Sustainability*, **1**(1): 1–22.
- Pamungkas, Y., Sastranegara, M.H., Wibowo, D.N. 2021. Kualitas Air Waduk Penjalin di Kecamatan Paguyangan Kabupaten Brebes. *Prosiding Seminar Nasional Hari Lingkungan Hidup 2011*, 84–90.
- Parlindungan, J.Y., Sumanik, N.B., Pongkendek, J.J., Rettob, A.L. 2021. Quality of Drinking Water Sources in Sarmi Regency, Papua Province. *IOP Conference Series: Materials Science and Engineering*, **1125**(1): 1–7. <https://doi.org/10.1088/1757-899x/1125/1/012090>

- Pemerintah Republik Indonesia. 2021. Peraturan Pemerintah No. 22 tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup. Jakarta.
- Peng, J., Kumar, K., Gross, M., Kunetz, T., Wen, Z. 2020. Removal of Total Dissolved Solids from Wastewater Using a Revolving Algal Biofilm Reactor. *Water Environment Research*, **92**(5): 766–778. <https://doi.org/10.1002/wer.1273>
- Perez, J.F.F, and Ronda, F.J.S. 2021. A Custom Sensor Network for Autonomous Water Quality Assessment in Fish Farms. *Electronics*, **10**(18): 1–15. <https://doi.org/10.3390/electronics10182192>
- Pour, H.R., Mirghaffari, N., Marzban, M., Marzban, A. 2014. Determination of Biochemical Oxygen Demand (BOD) without Nitrification and Mineral Oxidant Bacteria Interferences by Carbonate Turbidimetry. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, **5**(5): 90–95.
- Prasetyo, B. dan Kusumaningrum, E.N. 2013. Lingkungan Fisik dan Kekayaan Mikroalga di Danau Universitas Terbuka, Tangerang Selatan. *Jurnal Matematika, Sains, dan Teknologi*, **14**(2): 119–127.
- Putri, B., Huda, M.R.N., Yulianto, H., Yudha, I.G., Noor, N.M., Ali, M. 2021. Nutrients Distribution and Trophic Status Classification in Coastal Waters of Pulau Pasaran, Lampung. *Advances in Engineering Research*, **202**: 113–118. <https://doi.org/10.2991/aer.k.210603.019>
- Putri, F.A. and Karnaningroem, N. 2019. Prediction of Water Pollution in Kali Surabaya River Segment Karangpilang-Ngagel Using Stella Model. *IOP Conference Series: Earth and Environmental Science*, **259**(1): 1–9. <https://doi.org/10.1088/1755-1315/259/1/012010>
- Putri, R.J.W., Carmudi, C., Pulungsari, A.E. 2017. Kualitas Air Waduk Penjalin Berdasarkan Struktur Komunitas Makrobenthos. *Scripta Biologica*, **4**(1): 69–73. <https://doi.org/10.20884/1.sb.2017.4.1.388>
- Qadri, R. and Faiq, M.A. 2020. Effect on Aquatic Life and Human Health In Freshwater Pollution Dynamics and Remediation. *Springer Singapore*, 15–26 pp. <https://doi.org/10.1007/978-981-13-8277-2>
- Rahman, A., Yasmi, Z., Rosiana, D. 2019. Penerapan Model Environmental Quality Index (EQI) untuk Mengetahui Status Mutu Kualitas Air di Waduk Riam Kanan Kecamatan Aranio Kabupaten Banjar Provinsi Kalimantan Selatan. *Fish Scientiae*, **9**(2): 115–128.
- Rahmawati, Jompa, J., Budimawan, Arief, A.A. 2022. Dynamics of Environmental Change and Affecting Factors in the Malili Lake Complex, South Sulawesi.

- IOP Conference Series: Earth and Environmental Science*, **1115**(1): 1–13.
<https://doi.org/10.1088/1755-1315/1115/1/012049>
- Rais, A., Afandhi, A., Prasetya, B. 2019. Water Quality Analysis on Tertiary Channels Using Macroinvertebrate in Songka Sub-District, Palopo City. *Jurnal Pembangunan dan Alam Lestari*, **10**(1): 9–13.
<https://doi.org/10.21776/ub.jp.al.2019.010.01.02>
- Rasool, T., Rehman, A., Naz, I., Ullah, R., Ahmed, S. 2018. Efficiency of a Locally Designed Pilot-Scale Trickling Biofilter (TBF) System in Natural Environment for the Treatment of Domestic Wastewater. *Environmental Technology (United Kingdom)*, **39**(10): 1295–1306.
<https://doi.org/10.1080/09593330.2017.1329346>
- Ruzhitskaya, O. and Gogina, E. 2017. Methods for Removing of Phosphates from Wastewater. *MATEC Web of Conferences*, **106**: 1–7. <https://doi.org/10.1051/>
- Sami, N., Hasan, Z., Sunarto, Hamdani, H., Herawati, H. 2021. Estimating Water Quality Status Using Pollution Index Method in Jatigede Reservoir, Sumedang-West Java. *AAFL Bioflux*, **13**(3): 83–93.
- Saputra, I.W.R.R., Restu, I.W., Pratiwi, M.A. 2017. Analisis Kualitas Air Danau sebagai Dasar Perbaikan Manajemen Budidaya Perikanan di Danau Buyan Kabupaten Buleleng, Provinsi Bali. *ECOTROPHIC*, **11**(1): 1–7.
<https://doi.org/10.24843/EJES.2017.v11.i01.p01>
- Scannell, P.K.W. and Duffy, L.K. 2007. Effects of Total Dissolved Solids on Aquatic Organisms: A Review of Literature and Recommendation for Salmonid Species. *American Journal of Environmental Sciences*, **3**(1): 1–6.
<https://doi.org/10.3844/ajessp.2007.1.6>
- Setyaningrum, N., Sugiharto, Susatyo, P. 2021. Diversity of Introduced Species of Fishes in Penjalin Reservoir Central Java Indonesia. *IOP Conference Series: Earth and Environmental Science*, **746**(1): 1–10. <https://doi.org/10.1088/1755-1315/746/1/012019>
- Setyowati, D.N. 2015. Status Kualitas Air DAS Cisanggarung, Jawa Barat. *Jurnal Teknik Lingkungan*, **1**(1): 37–45. <https://doi.org/10.29080/alard.v1i1.32>
- Soetopo, W., Limantara, L. M., Pagatiku, A. 2019. Study on the Value of a Medium Reservoir Storage Capacity (Case Study: Karalloe Reservoir). *Jurnal Teknik Pengairan*, **10**(1): 59–62.
<https://doi.org/10.21776/ub.pengairan.2019.010.01.6>
- Suhermono, Fatah, L., Saidy, R.A., Pratmadi, J.B. 2022. Laboratory Simulation for Reducing Water Turbidity by Water Hyacinth to Meet Coal Wastewater Discharge in Paringin Pit Lake. *Technium*, **4**(5): 1–7.
<https://doi.org/10.47577/technium.v4i5.6641>

- Sulistiawati, D., Ya'La, Z.R., Jumiyatun, Mubaraq, Z. 2020. Water Quality Study in Several Seaweeds Culture Sites in the Post-Earthquake-Tsunami Palu Central, Sulawesi Province. *Journal of Physics: Conference Series*, **1434**(1): 1-10. <https://doi.org/10.1088/1742-6596/1434/1/012035>
- Sumantri, A. dan Cordova, M.R. 2011. Dampak Limbah Domestik Perumahan Skala Kecil Terhadap Kualitas Air Ekosistem Penerimaannya dan Dampaknya Terhadap Kesehatan Masyarakat. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan*, **2**(1): 127-134. <https://doi.org/10.29244/jpsl.1.2.127>
- Sunarya, Efie. 2016. Waduk Penjalin dan Kehidupan Pertanian Masyarakat Paguyangan Kabupaten Brebes Tahun 1970-2010. *Jurnal Ilmiah Kependidikan*, **9**(2): 1-15. <https://doi.org/10.30595/jkp.v9i2.1068>
- Suprayogi, S., Rachma, H.A., Latifah, R. 2020. The Spatial Distribution of Nitrate and Phosphate in Sempor Reservoir, Kebumen Regency, Central Java. *IOP Conference Series: Earth and Environmental Science*, **451**(1): 1-7. <https://doi.org/10.1088/1755-1315/451/1/012063>
- Supriyantini, E., Nuraini, R.A.T., Fadmawati, A.P. 2017. Studi Kandungan Bahan Organik pada Beberapa Muara Sungai di Kawasan Ekosistem Mangrove, di Wilayah Pesisir Utara Kota Semarang, Jawa Tengah. *Bulletin Oseanografi Marina*, **6**(1): 29-38. <https://doi.org/10.14710/buloma.v6i1.15739>
- Susilowati, Sutrisno, J., Masykuri, M., Maridi. 2018. Dynamics and Factors that Affects DO-BOD Concentrations of Madiun River. *AIP Conference Proceedings*, **2049**: 1-7. <https://doi.org/10.1063/1.5082457>
- Thin, M.M., Sacchi, E., Setti, M., Re, V. 2020. A Dual Source of Phosphorus to Lake Sediments Indicated by Distribution, Content, and Speciation: Inle Lake (Southern Shan State, Myanmar). *Water*, **12**(7): 1-21. <https://doi.org/10.3390/w12071993>
- Tito, C.K., Ampou, E.E., Widagti, N., Triyulianti, I. 2013. Kondisi pH dan Suhu Pada Ekosistem Terumbu Karang di Perairan Nusa Penida dan Pemuteran, Bali. *Prosiding Seminar Hasil Penelitian Terbaik*, 180-186. ISBN: 978-979-3692-54-8
- Tzanakakis, V.A., Paranychianakis, N.V., Angelakis, A.N. 2020. Water Supply and Water Scarcity. *Water*, **12**(9): 1-16. <https://doi.org/10.3390/w12092347>
- Valentina, A.E., Miswadi, S.S., Latifah. 2013. Pemanfaatan Arang Eceng Gondok dalam Menurunkan Kekeuhan, COD, BOD pada Air Sumur. *Indonesian Journal of Chemical Science*, **2**(2): 84-89. ISSN: 2252-6951
- Winasis, Akbar. 2019. Analisis Hidrologi Waduk Penjalin Guna Optimasi D.I. Pemali. *Syntax Literate: Jurnal Ilmiah Indonesia*, **4**(3): 1-12. <https://doi.org/10.36418/syntax-literate.v4i3.562>

- Wiyantoko, B., Rahmadani, N., Kurniawati, P., Purbaningtiyas, T.E. 2020. Method Verification Of Chemical Oxygen Demand (COD) And Total Suspended Solid (TSS) Analysis From Mentaya River. *AIP Conference Proceedings*, **2229**(1): 1-9. <https://doi.org/10.1063/5.0002643>
- Yehia, H.M.A.S. and Said, S.M. 2021. Drinking Water Treatment: pH Adjustment Using Natural Physical Field. *Journal of Biosciences and Medicines*, **9**(6): 55-66. <https://doi.org/10.4236/jbm.2021.96005>
- Yu, S.J., Son, J.Y., Kang, H.Y., Cho, Y.C., Im, J.K. 2021. Effects of Long-Term Increases in Water Temperature and Stratification on Large Artificial Water-Source Lakes in South Korea. *Water*, **13**(17): 1-15. <https://doi.org/10.3390/w13172341>
- Zahra, L.Z. dan Purwanti, I.F. 2015. Pengolahan Limbah Rumah Makan dengan Proses Biofilter Aerobik. *Jurnal Teknik ITS*, **4**(1): 35-39. <https://doi.org/10.12962/j23373539.v4i1.8882>
- Zorcic, P.O., Mikos, M., Kosmelj, K., Pintar, M. 2015. Nitrate Concentration Changes in a River and its Reservoir within an Agriculturally-Influenced Watershed: The River Ledava (Se Austria and Ne Slovenia) Case Study. *Fresenius Environment Bulletin*, **24**(4b): 1537-1548. ISSN: 1018-4619
- Zulfia, N. dan Aisyah. 2013. Status Trofik Perairan Rawa Pening Ditinjau dari Kandungan Unsur Hara (NO_3 Dan PO_4) serta Klorofil-a. *BAWAL*, **5**(3): 189-199. <https://doi.org/10.15578/bawal.5.3.2013.189>