

DAFTAR PUSTAKA

- Alprol, A. E., Heneash, A. M. M., Soliman, A. M., Ashour, M., Alsanie, W. F., Gaber, A., & Mansour, A. T. (2021). Assessment of water quality, eutrophication, and zooplankton community in lake burullus, Egypt. *Diversity*, 13(6), 268. <https://doi.org/10.3390/d13060268>
- Aprisanti, R., Mulyadi, A., & Siregar, S. (2013). Struktur Komunitas Diatom Epifitik Perairan Sungai Senapelan dan Sungai Sail Kota Pekanbaru. *Jurnal Ilmu Lingkungan*. ISSN: 1978-5283.
- Arfianti, D. (1989). *Komunitas-komunitas Alga Perifiton di Sungai Cikarangelan, Cikampek, Jawa Barat sebagai Tempat Pembuangan Limbah Air Pabrik Pupuk Urea*. Institut Teknologi Bandung: Bandung.
- Augusta, T. S & Evi, S. U. (2014). Analisis Hubungan Kualitas Air Terhadap Komunitas Zooplankton dan Ikan di Danau Hanjalutung. *Jurnal Ilmu Hewani Tropika*, 3(2), 30-35.
- Azizah, D. (2017). Environmental Quality Assessment of Tanjungpinang Bay Waters, Riau Island Province. *Journal of Maritime Dynamics*, 6, 47-53.
- Barney, J. B. (2017). *Gaining and Sustaining Competitive Advantage Third Edition*. New Jersey: Pearson Education, Inc.
- Behrenfeld, M. J., Boss, E., Siegel, D. A., & Shea, D. M., 2005. Carbon-based Ocean Productivity and Phytoplankton Physiology from Space. *Global Biogeochemical Cycles*, 19.
- Bakteshi, A., & Cupi, A. (2014). Use of Trophic State Index (Carlson, 1997) for Assessment of Trophic Status of the Shkodra Lake. *Journal of Environmental Protection and Ecology*, 15 (1), 359-365.
- BPS, 2020. *Data Statistik Kabupaten Wonosobo*. Wonosobo: Badan Pusat Statistik.
- Boyd, C. E. (1979). *Water Quality in Warmwater Fish Ponds*. Auburn University Agricultural Experiment Station. Auburn.

- Boyd, C. E. (1991). *Water Quality Management in Pond for Aquaculture*. Alabama: Brimingham Publishing.
- Brezonik, P. L., Bouchard, R. W., Jr, Finlay, J. C. Griffin, C. G., Olmanson, L. G., Anderson, J. P., Arnold, W. A., & Hozalski, R. (2019). Color, Chlorophyll-a, and Suspended Soil Effect on Secchi Depth in Lakes: Implication for Trophic State Assessment. *Ecological Application: A Publication of the Ecological Society of America*, 29(3), e01871. <https://doi.org/10.1002/eap.1871>
- Brett, M. T., & Benjamin, M. M. (2007). A Review and Reassessment of Lake Phosphorus Retention and The Nutrient Loading Concept. *Freshwater Biology*, 0(0), 070907013155001-??? <https://doi.org/10.1111/j.1365-2427.2007.01862.x>
- Budiani, S. R., Puspitasari, L., Adibah, M. N., Fauzia, A., & Basuki, S. N. (2019). Kajian Daya Dukung Fisik Wisata Berkemah Telaga Cebong Desa Sembungan untuk Mendukung Pariwisata Berkelanjutan. *Majalah Geografi Indonesia*, 33 (1), 9. <https://doi.org/10.22146/mgi.32304>
- Cahyani, C. N., Nuraini, Y., & Pratomo, A. G. (2018). Potensi Pemanfaatan *Plant Growth Promoting Rhizobacteria* (PGPR) dan Berbagai Media Tanam terhadap Populai Mikrobia Tanah serta Pertumbuhan dan Produksi Kentang. *Jurnal Sumberdaya Lahan*, 5(2), 887-899.
- Carlson, R. E. (1977). A Trophic State Index for Lakes. *Limnology and Oceanography*, 22 (2), 361-369. <https://doi.org/10.4319/lo.1977.22.2.0361>
- Carpenter, S. R. (2005). Eutrophication of Aquatic Ecosystem: Bistability and Soil Phophorus. *PNAS*, 10, 10002-10005.
- Cloutier, R. G., & Sanchez, M. (2007). Trophic Status Evaluation for 154 Lakes in Quebec, Canada: Monitoring and Recommendations. *Water Quality Research Journal*, 42(4), 252–268. <https://doi.org/10.2166/wqrj.2007.028>
- Connell, D. W., & Miller, G. J. (1995). *Kimia dan Ekotoksikologi Pencemaran*. Universitas Indonesia Press.

- Corwin, D. L. (2021). Climate Change Impacts On Soil Salinity in Agricultural Areas. *European Journal of Soil Science*, 72(2), 842–862. <https://doi.org/10.1111/ejss.13010>
- Croix, M., & Koft, M. D. S (2008). The Economic and Environment impact of Phosphorus Removal from Freshwater in the European Community. *ICES Journal of Marine Science*, 48(2), 436-448.
- Cole, G. A. (1988). *Textbook of Limnology* (3rd ed.). Havel: Waveland Press.
- Cunha, D. G. F., Calijuri, M. D. C., & Lamperalli, M.C. (2013). A Trophic State Index for Tropical or Subtropical Reservoirs (TSIts_r). *Ecology Engineering*, 126-134.
- Danladi Bello, A.-A., Hashim, N., & Mohd Haniffah, M. (2017). Predicting Impact of Climate Change on Water Temperature and Dissolved Oxygen in Tropical Rivers. *Climate*, 5(3), 58. <https://doi.org/10.3390/cli5030058>
- Dermiyati. (2015). *Sistem Pertanian Organik Berkelanjutan*. Plantaxia. Lampung
- Dillon, P. J., Reid, R. A., & de Grosbois, E. (1987). The Rate of Acidification of Aquatic Ecosystems in Ontario, Canada. *Nature*, 329(6134), 45–48. <https://doi.org/10.1038/329045a0>
- Dodds, W. K., & Whiles, M. R. (2020). *Nitrogen, Sulfur, Phosphorus and Other Nutrients*. In *Freshwater Ecology* (pp. 395-424). Elsevier.
- Duka, S., & Cullaj, A. (2009). Evaluation of Chlorophyll as the Primaru Index for Trophic State Classification. *Journal of Environment Protection and Ecology*, 10(2), 401-410.
- Effendi, H. (2003). *Telaah Kualitas Air bagi Pengelolaan Sumberdaya Lingkungan Perairan*. Yogyakarta: Kanisius.
- Elsayed, F., Okbah, M., El-Syed, S., Eissa, M., & Goher, M. (2019). Nutrient salts and eutrophication assessment in Northern Delta lakes: Case study Burullus Lake, Egypt. *Egypt. Egyptian Journal of Aquatic Biology and Fisheries*, 23(2), 145–163.

- El-Serehy, H. A., Abdallah, H. S., Al-Misned, F. A., Al-Farraj, S. A., & Al-Rasheid, K. A. (2018). Assessing Water Quality and Classifying Trophic Status for Scientifically Based Managing the Water Resources of The Lake Timsah, The Lake With Salinity Stratification Along The Suez Canal. *Saudi Journal of Biological Sciences*, 25(7), 1247–1256. <https://doi.org/10.1016/j.sjbs.2018.05.022>
- Fachrul, M., Ferianita, S. H., & Wulandari, M. (2008). Komposisi dan Model Kelimpahan Fitoplankton di Perairan Sungai Ciliwun, Jakarta. *Biodiversitas*, 9, 296-300.
- Fardiaz, S. (1992). *Polusi Air dan Udara*. Yogyakarta: Kanisius.
- Fatmawati, F., & Suparmin, S. (2015). Studi Pema Pestisida Pada Petani Kentang Di Desa Dieng Kecamatan Kejajar Kabupaten Wonosobo Tahun 2015. *Buletin Keslingmas*, 34(4), 242–249. <https://doi.org/10.31983/keslingmas.v34i4.3038>
- Firmahaya, N., & Piranti, A. (2022). Determination of Water Quality Status of Telaga Menjer Wonosobo, Indonesia: An Official Tool for Evaluating the Best Function of Water. *Inżynieria Ekologiczna (Journal of Ecological Engineering)*, 23(3), 59–67. <https://doi.org/10.12911/22998993/144692>
- Goldman, C. R., & Horne, J. A. (1994). *Limnology* (2nd ed.). New York: McGraw Hill Higher Education.
- Gordon, R. J., VanderZaag, A. C., Dekker, P. A., De Haan, R., & Madani, A. (2011). Impact of Modified Tillage on Runoff and Nutrient Loads from Potato Fields in Prince Edward Island. *Agricultural Water Management*, 98(12), 1782–1788. <https://doi.org/10.1016/j.agwat.2011.07.007>
- Haidel, K., Roy, S. B., Creanger, C., & Chung, C. (2006). *Conceptual Model for Nutrients in The Central Valley and Sacramento-San Joaquin Delta*. Laffayette, CA: Tetra Tech.
- Hamdhani, H., Sharaha, M., Fadhilla, F. N., & Harjiono, G. V. (2023). Aplikasi Perhitungan Tingkat Kesuburan Perairan dengan Metode Carlson pada

- Perairan Urban Danau Polder Air Hitam di Kota Samarinda. *Jurnal Ilmu Perikanan Tropis Nusantara*, 2(1), 73-78.
- Hardiyanti, T. (2015). *Analisis Kuantitas dan Kualitas Air Danau UNHAS Sebagai Sumber Air Baku IPA UNHAS*. 1-4.
- Hassan, M., Khalil, M., Saad, A. E.-H., Shakir, S., & El Shabrawy, G. (2017). Zooplankton Community Structure of Lake Edku, Egypt. *Egyptian Journal of Aquatic Biology and Fisheries*, 21(3), 55–79. <https://doi.org/10.21608/ejabf.2017.4129>
- Higashino, M., O'Connor, B. L. Hondzo, M., Stefan, H. G. (2008). Oxygen Transfer from Flowing Water to Microbes in an Organic Sediment Bed. *Hydrobiologia*,
- Hintz, W. D., Arnott, S. E., Symons, C. C., Greco, D. A., McClymont, A., Brentrup, J. A., Cañedo-Argüelles, M., Derry, A. M., Downing, A. L., Gray, D. K., Melles, S. J., Relyea, R. A., Rusak, J. A., Searle, C. L., Astorg, L., Baker, H. K., Beisner, B. E., Cottingham, K. L., Ersoy, Z., ... Weyhenmeyer, G. A. (2022). Current water quality guidelines across North America and Europe do not protect lakes from salinization. *Proceedings of the National Academy of Sciences of the United States of America*, 119(9), e2115033119. <https://doi.org/10.1073/pnas.2115033119>
- Hopkins, B. G., Horneck, D. A., & Macguidwin, A. E. (2013). Phosphorus Use Efficiency in Potato: Rhizosphere Modification and Extension. *American Journal of Potato Research*.
- Irianto, E. W., & Triweko, R. W. (2019). *Eutrofikasi Waduk dan Danau: Permasalahan, Pemodelan dan Upaya Pengendalian*. Bandung: ITB Press.
- Jaschinski, S., Brepohl, D. C., & Sommer, U. (2011). The Trophic Importance of Epiphytic Algae in a Freshwater Macrophyte System (Potamogeton perfoliatus L.): Stable Isotope and Fatty Acid Analyses. *Aquatic Science*, 73(1), 91-101. <https://doi.org/10.1007/s00027-010-0163-6>
- Jeppesen, E., Peder Jensen, J., Søndergaard, M., Lauridsen, T., Junge Pedersen, L., & Jensen, L. (1997). Top-down control in freshwater lakes: the role of nutrient

- state, submerged macrophytes and water depth. In *Shallow Lakes '95* (pp. 151–164). Springer Netherlands.
- Ji, Z. G. (2008). *Hydrodynamics and Water Quality: Modeling Rivers, Lakes, and Estuaries*. New Jersey: A John Wiley and Sons, Inc.
- Koch, M., Naumann, M., Pawelzik, E., Gransee, A., & Thiel, H. (2020). The Importance of Nutrient Management for Potato Production Part I: Plant Nutrition and Yield. *Potato Research*, 63(1), 97–119. <https://doi.org/10.1007/s11540-019-09431-2>
- Kanti, A. (2006). Merga Candidida Khamir Tanah Pelarut Fosfat yang Diisolasi dari Tanah Kebun Biologi Wamena Papua. *Biodiversitas MIPA UNS*, 7(2), 105-108.
- Karbassi, A. R., Abdollahzadeh, E. M., Attaran-Fariman, G., Nazariha, M., Mazaheri-Assadi, M. (2016). Development of Trophy Index along South-East Coast of Oman Sea and its Relationship with Harmful Algae Bloom. *Journal of Applied Environment and Biological Science*, 6(10) 19-27.
- Karmakar, S., & Musthafa, O. M. (2013). *Lakes and Reservoirs: Pollution*. In: Encyclopedia of Environmental Management. New York: Taylor and Francis.
- Khan, M. N., & Mohammad, F. (2014). Eutrophication: Challenges and Sollution. In *Eutrophication: Causes, Consequences and Control* (pp. 1-15). Springer Netherlands.
- Khare, S. L., Paul, S. R., & Dubey, A. (2007). A Study on Water Quality of Khomph-Niwari Lake at Chhantarpur, M.P. *Nature Environment and Pollution Technology*, 6(3) 539-540.
- Koosbandiah, H. S. (2014). *Pesona Lingkungan Badan Air Indonesia*. Bandung: Rizqi Press.
- Kordi., Ghufron, K., & Tancung, A, B. (2009). *Pengelolaan Kualitas Air Dalam Budidaya Perairan*. Jakarta: Rineka Cipta.
- Kordi, H., Hoseini, S. A., Sudagar, & M., Alimohammadi, A. A. (2012). Correlation of Chlorophyll-a with Secchi Disk Depth and Water Turbidity in Aquatic

- Reservoirs a Case Study on Mohammadabad Reservoirs, Gorgan, Iran. *World Journal of Fish and Marine Science*, 4(4), 340-343.
- Kotler, P., & Keller, K. L. (1991). *Marketing Management: Analysis, Planning, Implementation and Control (7th ed)*. New Jersey: Prentice-Hall.
- Krebs, C. J. (2009). *Ecology: The Experimental Analysis of Distribution and Abundance*. Second Edition. New York: Pearson Education, Inc.
- Lee, Z. P., Marra, J., Perry, M. J., & Kahru, M. (2014). Estimating Oceanic Primary Productivity from Ocean Color Remote Sensing. *Journal of Marine System*, 149, 50-59.
- Li, S., Zhao, Y., Xiao, W., Yue, W., & Wu, T. (2021). Optimizing ecological security pattern in the coal resource-based city: A case study in Shuozhou City, China. *Ecological Indicators*, 130 (108026), 108026.
<https://doi.org/10.1016/j.ecolind.2021.108026>
- Liang, Z., Soranno, P. A., & Wagner, T. (2020). The Role of Phosphorus and Nitrogen On Chlorophyll a: Evidence from Hundreds of Lakes. *Water Research*, 185(116236),116236.
<https://doi.org/10.1016/j.watres.2020.116236>
- Likens, G. E. (2010). *Lake Ecosystem Ecology: A Global Perspective*. Cambridge: Academic Press.
- Lim, J., & Choi, M. (2015). Assessment of Water Quality based on Landsat 8 Operational Land Imager Associated with Human Activities in Korea. *Environmental Monitoring and Assessment*, 187.
- Magouz, F. I., Essa, M. A., Matter, M., Tageldein Mansour, A., Alkafafy, M., & Ashour, M. (2021). Population dynamics, fecundity and fatty acid composition of *Oithona nana* (Cyclopoida, Copepoda), fed on different diets. *Animals: An Open Access Journal from MDPI*, 11(5), 1188.
<https://doi.org/10.3390/ani11051188>
- Manzilati, A. (2017). *Metodologi Penelitian Kualitatif Paradigma, Metode, dan Aplikasi*. Malang: Universitas Brawijaya Press.

- Maniagsi, R., Tumembouw, S. S., & Mundeng, Y. (2013). Kualitas Fisika Kimia Air di Areal Budidaya Ikan Danau Tondano Provinsi Sulawesi Utara. *Budidaya Perairan*, 1(2), 29–37.
- Meadows, P. S., & Campbell, J. I. (1993). *An Introduction to Marine Science 2nd Edition*. USA: Halsted Press.
- Mosley, L. M., Zammit, B., Jolley, A. M., & Barnett, L. (2014). Acidification of Lake Water Due to Drought. *Journal of Hydrology*, 511, 484–493. <https://doi.org/10.1016/j.jhydrol.2014.02.001>
- Mishra, J. (2018). Lake Restoration: Step to Save Ecosystem. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.325134>
- Moses, W. J., Gitelson, A. A., Berdnikov, S., & Povazhnyy, V. (2009). Satellite Estimation of Chlorophyll-a Concentration Using the Red and Nir Bands of Meris-The Azov Sea Case Study. *IEE Geoscience and Remote Sensing Letter*, 6(4).
- Nasution, S. H., Sugiarti. (2015). Konsentrasi Unsur Hara dan Klorofil-a di Danau Towuti, Sulawesi Selatan. *Limnotek*, 22(2), 129-143.
- Nontji, A. (2006). *Tiada Kehidupan di Bumi Tanpa Keberadaan Plankton*. Lembaga Ilmu Pengetahuan Indonesia. Jakarta: Pusat Penelitian Oseanografi.
- Nurfahmi, P., & Sudarmadji. (2016). Studi Karakteristik Sedimen Dasar dan Tanah Pertanian di Daerah Tangkapan Air Telaga Cebong Kecamatan Kejajar Kabupaten Wonosobo. *Jurnal Bumi Indonesia*.
- Odum, E. P. (1975). *Ecology*. Thomson Learning.
- Opiyo, S., B., Getabu. A. B., Sitoki, L. M., Shitandi, A., Ogendi, G. M. (2019). Application of the Carlson's Trohic State Index for the Assessment of Trophic Status of Lake Simbi Ecosystem a Deep Alkaline-Saline Lake in Kenya. *International Journal of Fisheries and Aquatic Studies*, 7(4), 327-333.
- Öterler, B. (2013). The Phytoplankton Composition of Kadikör Reservoir (Keşan-Edirne). *Trakya University Journal of Natural Sciences*, 14(2), 69-76.

- Panjaitan, A. J. R. R., Ulinuha, D., Ernawati, N. M. (2023). Analisis Total Suspended Solid (TSS) Perairan Danau Toba dan Kecamatan Girsang Sipang Bolon, Sumatera Utara. *Current Trends in Aquatic Science*, 6(2), 139-142.
- Patti, P. S., Kaya, E., & Silahoy, C. (2013). Analisis Status Nitrogen Tanah dalam Kaitannya dengan Serapan N oleh Tanaman Padi Sawah di Desa Waimital, Kecamatan Kairatu, Kabupaten Seram Bagian Barat. *Agrologia*, 2(1), 51-58.
- Pedigo, L. P. (1988). *Entomology and Pest Management*. New York: McMillan.
- Peraturan Presiden Republik Indonesia. (2021). *Penyelamatan Danau Prioritas Nasional*. Jakarta: Tim Penyusun Peraturan Presiden.
- Pernetta, J. C., Whitten, A. J., Mustafa, M & Handerson, G. (1988). The Ecology of Sulawesi. *The Journal of Ecology*, 76(1), 297.
<https://doi.org/10.2307/2260477>
- Phadermrod, B., Crowder, R. M., & Wills, G. B. (2019). Importance-performance Analysis Based SWOT Analysis. *International Journal of Information Management*, 44, 194-203.
- Piranti, A., Wibowo, D., & Rahayu, D. (2021). Nutrient Determinant Factor of Causing Algal Bloom in Tropical Lake (Case Study in Telaga Menjer Wonosobo Indonesia). *Inżynieria Ekologiczna*, 22(5), 156–165.
<https://doi.org/10.12911/22998993/135863>
- Pradini, K. B., & Kaswanto, R. L. (2020). Reservoir Management Analysis of Water Quality and Pollution Load in Jakarta. *IOP Conference Series. Earth and Environmental Science*, 501(1), 012041. <https://doi.org/10.1088/1755-1315/501/1/012041>
- Prayitno, H. B. (2017). Asesmen Eutrofikasi Perairan Pesisir Menggunakan Metode Indeks Trofik (TRIX). *Oseana*, 42(2), 23-33.
<https://doi.org/10/1403/oseana/2017.vol.vol42no.2.44>
- Putrandy, C., Hamdani, H., & Herawati, H. (2021). Determination of The Trophic Status of Jatigede Reservoir Using the Trophic State Index Method. *International Journal of Fisheries and Aquatic*, 9, 249–254.

- Rachmat, M. (2010). *Standar Operasional Prosedur Budidaya Kentang Varietas Granola (Solanum tuberosum) Kab. Bandung Provinsi Jawa Barat*. Direktorat Budidaya Tanaman Sayuran dan Biofarmaka, Direktorat Jendral Hortikultura, Kementerian Pertanian.
- Rangkuti, F. (2015). *Analisis SWOT: Teknik Membedah Kasus Bisnis*. Jakarta: Gramedia Pustaka Utama.
- Richard, M., Sipriana, S., Tumembouw., & Mundeng, Y. (2013). Analisis Kualitas Air Fisika dan Kimia Air di Areal Budidaya Ikan Danau Tondano Provinsi Sulawesi Utara. *Jurnal Budidaya Perairan*, 1(2).
- Rinawati, H., D., Supriyanto, R., & Dewi, P. S. (2016). Penentuan Kandungan Zat Padat (Total Dissolved Solid dan Total Suspended Solid) di Perairan Teluk Lampung. *Analit: Analytical and Environmental Chemistry*, 1(1), 36-45.
- Romanescu, G., Miftode, D., Pintilie A, M., & Constantin C, C. (2016). Water Quality Analysis in Mountain Freshwater: Poaiana Uzului Reservoir in The Eastern Carpathians. *Revista de Chimie. (Bucharest)*, 67(11), 2318–2326.
- Rosenberg, D. M., & Resh, V. H. (1993). *Freshwater Biomonitoring and Benthic Makroinvertebrata*. London: Chapman and Hall.
- Ruark, M. D., Kelling, K. A., & Good, L. W. (2014). Environmental Concerns of Phosphorus Management in Potato Production. *American Journal of Potato Research: An Official Publication of the Potato Association of America*, 91(2), 132–144. <https://doi.org/10.1007/s12230-014-9372-1>
- Sachlan, M. (1982). *Planktonologi*. Semarang: Fakultas Peternakan dan Perikanan UNDIP.
- Santoso, A. D. (2007). Kandungan Zat Hara pada Fosfat pada Musim Barat dan Musim Timur di Teluk Harun Lampung. *Jurnal Teknologi Lingkungan*, 2(4), 43-47.
- Saputro, E. A., Sanjoto, T., B., & Sriyanto. (2016). Partisipasi Petani Kentang Dalam Pengembangan Pariwisata di Dataran Tinggi Dieng. *Edu Geography*, 4(3), 35-41.

- Sari, R., & Sudarmadji. (2016). Daya Dukung Telaga Cebong untuk Pemenuhan Kebutuhan Air Irigasi Pertanian Kentang di Desa Sembungan Kecamatan Kejajar Kabupaten Wonosobo. *Jurnal Bumi Indonesia*.
- Setyowati, D. L., & Hardati, P. (2009). *Fenomena Dataran Tinggi Dieng*. Yogyakarta: Grafindo Litera Media.
- Shang, W., Jin, S., He, Y., Zhang, Y., & Li, J. (2021). Spatial-temporal Variations of Total Nitrogen and Phosphorus in Poyang, Dongting and Taihu Lakes from Landsat-8 Data. *Water*, 13(12), 1704. <https://doi.org/10.3390/w13121704>
- Sharma, M., Kumar, A., & Rajvanshi, S. (2010). Assessment of Trophic State of Lakes: A Case of Mani Gangga Lake in India. *Hydro Nepal: Journal of Water, Energy and Environment*, 6, 65-72.
- Sigid, H., Enan, M., Tri, P., & Ario, D. (2010). Produktivitas Primer Estuari Sungai Cisadane pada Musim Kemarau. *Limnotek*, 17(1), 49-57.
- Sitorus, Y. R., Simarmata, H. A., Siagian, M. (2018). Status Kesuburan Wduk Koto Tibun Kabupaten Kampar Provinsi Riau Berdasarkan Trophic State Index (TSI). *Jurnal Online Mahasiswa Fakultas Perikanan dan Ilmu Kelautan Universitas Riau*, 5.
- Situmorang, N. S., Rifardi, R., & Siregar, Y. I. (2021). Analysis of Total Suspended Solid Distribution and its Effect to The Fertility of Marine Waters Around Fish Auction Place (TPI) Dumai. *Journal of Coastal and Ocean Sciences*, 2(1), 36-42. <https://doi.org/10.31258/jocos.2.1.36-42>
- Soeprbowati, T. R., & Suedy, S. W. A. (2010). Status Trofik Danau Rawapening dan Solusi Pengelolaannya. *Jurnal Sains dan Matematika*, 18 (4), 158-169.
- Soeprbowati, T. R., Suwarno, H., Gell, P., & Zawadski, A. (2012). The Diatom Stratigraphy of Rawapening Lake, Implying Eutrophication History. *American Journal of Environmental Sciences*, 8(3), 334-344. <https://doi.org/10.3844/ajessp.2012.334.344>

- Soliha, E., Rahayu, S., & Triastinurmiatiningsih. (2016). Kualitas Air dan Keanekaragaman Plankton di Danau Cikaret, Cibinong, Bogor. *Ekologia*, 16(2), 1-10.
- Soondergaard, M., Jappensen, E., Jensen, J. P., Amsink, S. L. (2005). Water Framework Directive: Ecological Classification of Danish Lake. *Journal of Applied Ecology*, 1(42), 616-629.
- Stenger-Kovács, S. Buczkó, K., Hajnal, E., & Padisák, J. (2007). Ephyphytic, Litoral Diatoms as Bioindicators of Shallow Lake Trophic Status: Trophic Diatom Index for Lakes (TDIL) Developed in Hungary. *Hydrobiologia*, 589, 141-154.
- Sudarmadji, Supriyono, H., & Lestari, S. (2015). Danau-Danau Vulkanik di Dataran Tinggi Dieng: Pemanfaatan dan Masalah Lingkungan yang Dihadapi. *Jurnal Teknosains*, 5(1), 36-48. <https://doi.org/10.22146/teknosains.26856>
- Sugianti, Y., & Astuti, L. P. (2018). Respon Oksigen Terlarut Terhadap Pencemaran dan Pengaruhnya Terhadap Keberadaan Sumber Daya Ikan di Sungai Citarum. *Jurnal Teknologi Lingkungan*, 19(2), 203. <https://doi.org/10.29122/jtl.v19i2.2488>
- Sugiyono. (2007). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta
- Sukmawati, N. M. H., Pratiwi, A., & Rusni, N. W. (2019). Kualitas Air Danau atur Berdasarkan Parameter Fisikokimia dan NSFQI. *Jurnal Lingkungan dan Pembangunan*, 3(2), 53-60.
- Sulastri., Henny, C., & Handoko, U. (2016). Kondisi Lingkungan dan Status Trofik Danau Rawapening di Jawa Tengah. *Oseanologi dan Limnologi Indonesia*, 1 (3), 23-38.
- Sumich, J. L. (1999). *An Introduction to The Biology of Marine Life 7th Edition*. New York: McGraw-Hill.
- Suraya, U & Lilia. (2020). Analisa Kualitas Air Fisika dan Kimia di Danau Pampit. *Jurnal Daun*, 7(1), 75-87.

- Surya, F. N. (1994). *Kentang, Varietas dan Pembudidayaan*. Jakarta: PT. Penebar Swadaya.
- Suteja, Y., & Purwiyanto, A. I. S. (2018). Nitrate and Phosphate from Rivers as Mitigation of Eutrophication in Bena Bay, Bali-Indonesia. *IOP Conference Series. Earth and Environmental Science*, 162, 012021. <https://doi.org/10.1088/1755-1315/162/1/012021>
- Tibebe, D., Kassa, Y., Melaku, A., & Lakew, S. (2019). Investigation of Spatio-Temporal Variations of Selected Water Quality Parameters and Trophic Status of Lake Tana for Sustainable Management, Ethiopia. *Microchemical Journal, Devoted to the Application of Microtechniques in All Branches of Science*, 148, 374–384. <https://doi.org/10.1016/j.microc.2019.04.085>
- Tilahun, G., & Ahlgren, G. (2010). Seasonal Variations in Phytoplankton Biomass and Primary Production in the Ethiopian Rift Valley lakes Ziway, Awassa and Chamo – The Basis for Fish Production. *Limnologia*, 40(4), 330–342. <https://doi.org/10.1016/j.limno.2009.10.005>
- Turasih., M. Kolopaking, L., & Wahyuni, E. S. (2016). Strategi Adaptasi Perubahan Iklim pada Petani Dataran Tinggi (Studi Petani di Dataran Tinggi Dieng, Kabupaten Banjarnegara). *Sodality Jurnal Sosiologi Pedesaan*, 4 (1). <https://doi.org/10.22500/sodality.v4i1.14408>
- Turner, R. E., & Rabalais, N. N. (2013). Nitrogen and Phosphorus Phytoplankton Growth Limitation in The Northern Gulf of Mexico. *Aquatic Microbial Ecology: International Journal*, 68(2), 159-169. <https://doi.org/10.3354/ame01607>
- UNEP-IETC/ILEC. (2001). *Lakes and Reservoir: Similarities, Differences and Importance*, 1. Japan: Siga.
- Vallina, S. M., Cermeno, P., Dutkiewicz, S., Loreau, M., Montoya, J. M. (2017). Phytoplankton Functional Diversity Increases Ecosystem Productivity and Stability. *Ecological Modelling*, 361, 184-196. <https://doi.org/10.1016/j.ecolmodel.2017.06.020>

- Wagner, T., & Schliep, E. M. (2018). Combining Nutrient, Productivity, And Landscape-Based Regressions Improves Predictions of Lake Nutrients and Provides Insight into Nutrient Coupling at Macroscales. *Limnology and Oceanography*, 63(6), 2372–2383. <https://doi.org/10.1002/lno.10944>
- Wetzel, R. G. (2011). *Limnology Lake and River Ecosystem Third Edition*. London: Academic Press.
- Woolway, R. I., Kraemer, B. M., Lenters, J. D., Merchant, C. J., O'Reilly, C. M., & Sharma, S. (2020). Global Lake Responses to Climate Change. *Nature Reviews. Earth & Environment*, 1(8), 388–403. <https://doi.org/10.1038/s43017-020-0067-5>
- Yogendra, K., & Puttiah, E. T. (2008). Determination of Water Quality Index and Sustainability of an Urban Waterbody in Shimoga Town, Karnataka. *In The 12th World Lake Conference* (pp. 342-346).
- Yusal, M. S. (2021). Studi Potensi Eutrofikasi di Pesisir Losari Makassar. *Jurnal Enggano*, 6(2), 348-357.
- Yusal, M. S. Marfai, M. A., Hadisusanto, S., & Khakhim, N. (2019). Abundance and Diversity of Meiofauna as Water Quality Bioindicator in Losar Coast, Makassar, Indonesia. *Ecology, Environment and Conservation*, 25(2), 589-598.
- Yusdian, Y., Karya, K., & Vaisal, R. (2018). Pengaruh Dosis Pupuk Kandang Ayam Terhadap Pertumbuhan dan Hasil Tanaman Kentang (*Solanum tuberosum* L.) Varietas Granola. *Paspalum: Jurnal Ilmiah Pertanian*, 6(2), 98. <https://doi.org/10.35138/paspalum.v6i2.92>
- Zhang, C., & Han, H. (2015). Mapping Chlorophyll-a Concentration in Laizhou Bay using Landsat 8 OLI Data. *In Proceedings of the 36th IAHR World Congress: Netherland*.
- Zulfia, N., & Aisyah. (2013). Status Trofik Perairan Rawapening ditinjau dari Kandungan Unsur Hara (NO₃ dan PO₄) serta Klorofil-a. *BAWAL*, 5(3), 189-199.