



DAFTAR PUSTAKA

- American Public Health Association, 1985. *Standart Method for the Examination of Water and Waste Water*, 16th ed. American Public Health Association, Washington.
- Archibald, J.M., Simpson, A.G.B., Slamovits, C.H., 2017. *Handbook of the Protist*, 2nd ed. Springer International Publishing, Boston.
- Azizah, D., 2017. Kajian Kualitas Lingkungan Perairan Teluk Tanjungpinang Provinsi Kepulauan Riau. *Dinamika Maritim* 6(49).
- Bellinger, E.G., Sigee, D.C., 2015. *Freshwater Algae: Identification, enumeration and use as bioindicators*, Second edition, 2nd ed. Wiley-Blackwell, Chichester.
- Campbell, S., Greenwood, M., Prior, S., Shearer, T., Walkem, K., Young, S., Bywaters, D., Walker, K., 2020. Purposive sampling: complex or simple? Research case examples. *Journal of Research in Nursing*. 25(8):652–661.
- de Senerpont Domis, L.N., Elser, J.J., Gsell, A.S., Huszar, V.L.M., Ibelings, B.W., Jeppesen, E., Kosten, S., Mooij, W.M., Roland, F., Sommer, U., van Donk, E., Winder, M., Lürling, M., 2013. Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the comment by Sarmento, Amado & Descy,). *Freshwater Biology* 58(10): 2211–2213.
- Dodds, W.K., Whiles, M.R., 2010. *Freshwater Ecology: Concept and Environmental Application of Limnology*, 2nd ed. Elsevier Inc., United State of America.
- Domingues, R.B., Barbosa, A.B., Sommer, U., Galvão, H.M., 2011. Ammonium, nitrate and phytoplankton interactions in a freshwater tidal estuarine zone: potential effects of cultural eutrophication. *Aquatic Scientific* 73(3): 331–343.
- Dudgeon, D., 2008. *Tropical Stream Ecology*. Academic Press, United Kingdom.
- Fadli, D.A., Utami, A., Yudono, A.R.A., 2021. Pengaruh Karakteristik Limbah Cair Tahu Terhadap Kualitas Air Sungai Di Desa Siraman, Kecamatan Wonosari, Kabupaten Gunungkidul, DIY. *Prosiding Satu Bumi* 3(1): 129–138.



- Fakhrurrozi, Soeprobawati, T.R., Jumari, 2022. The water quality index and phytoplankton communities of Kokoh Putih River, Sembalun, East Lombok, Indonesia. *Bioflux* 15(4): 2025–2040.
- Flotemersch, J.E., Leibowitz, S.G., Hill, R.A., Stoddard, J.L., Thoms, M.C., Tharme, R.E., 2016. A Watershed Integrity Definition and Assessment Approach to Support Strategic Management of Watersheds. *River Research and Applications* 32(7): 1654–1671.
- Goldman, C.R., Horne, A.J., 1983. *Limnology*. McGraw-Hill, Inc, United States of America.
- Gurning, L.F.P., Nuraini, R.A.T., Suryono, S., 2020. Kelimpahan Fitoplankton Penyebab Harmful Algal Bloom di Perairan Desa Bedono, Demak. *Journal of Marine Research* 9(3): 251–260.
- Hamuna, B., Tanjung, R.H.R., Suwito, Maury, H.K., Alianto, 2018. Kajian Kualitas Air Laut dan Indeks Pencemaran Berdasarkan Parameter Fisika-Kimia Di Perairan Distrik Depapre, Jayapura. *Jurnal Ilmu Lingkungan* 16(1): 38–41.
- Harmoko, H., Lokaria, E., Misra, S., 2017. Eksplorasi Mikroalga di Air Terjun Watervang Kota Lubuklinggau. *Bioedukasi*. 8(1): 75–82.
- Herawati, E.Y., Darmawan, A., Valina, R., Khasanah, R.I., 2021. Abundance of Phytoplankton and Physical Chemical Parameters as Indicators of Water Fertility in Lekok Coast, Pasuruan Regency, East Java Province, Indonesia. *IOP Conference Series: Earth and Environmental Science*. 934(1): 012060.
- Hertika, A.M.S., Arsal, S., Putra, R.B.D.S., 2021. *Ilmu tentang Plankton dan Peranannya di Lingkungan Perairan*. Universitas Brawijaya Press.
- Ibrahim, S.B., 2013. Turbidity Measurement Using An Optical Tomography System. *International Journal of Science and Engineering*. 5(2): 66–72.
- Isnaeni, N., Purnomo, P.W., 2015. Kesuburan Perairan Berdasarkan Nitrat, Fosfat, dan Klorofil-a di Perairan Ekosistem Terumbu Karang Pulau Karimunjawa. *Journal of Maquares* 4(2): 75–81.
- Krebs, C.J., 2014. *Ecology: The Experimental Analysis of Distribution and Abundance*, 6th ed. Pearson Education Limited, Harlow, England.
- Krebs, C.J., 1999. *Ecological Methodology*, 2nd ed. Addison-Wesley Educational Publisher Inc., California.



- Kristiansen, J., Škaloud, P., 2017. Chrysophyta, in: Archibald, J.M., Simpson, A.G.B., Slamovits, C.H. (Eds.), *Handbook of the Protists*. Springer International Publishing, Cham, pp. 331–366.
- Kurbanov, A., Titova, N., Mustaphaeva, Z., Atabaeva, N., 2021. The role of macrozoobenthos and periphyton in bioindication of water resources quality in Uzbekistan. *E3S Web Conf.* 265, 01016.
- Lee, R.E., 2008. *Phycology*, 4th ed. Cambridge University Press, United Kingdom.
- Lewis, L.A., McCourt, R.M., 2004. Green Algae and the Origin of Land Plants. *American Journal of Botany* 91(10): 1535–1556.
- Mirzahasanlou, J.P., Musaabad, L.A., Mahmoodlu, M.G., 2021. An ecological and hydrochemical study of three springs in NE Iran with the emphasis on diatom diversity. *Limnologica* 90, 125908.
- Marsela, K., Hamdani, H., Anna, Z., Herawati, H., 2021. The Relation of Nitrate and Phosphate to Phytoplankton Abundance in the Upstream Citarum River, West Java, Indonesia. *Asian Journal of Fisheries and Aquatic Research* 11(5): 21–31.
- Muadifah, A., 2019. *Pengendalian Pencemaran Lingkungan*, 1st ed. Media Nusa Creative (MNC Publishing), Malang.
- Mukhtasor, 2007. *Pencemaran Pesisir dan Laut*. PT. Pradnya Paramita, Jakarta.
- Nardelli, M.S., Bicudo, D.C., Sampaio, S.C., Cordovil, C.M.D.S., 2021. Structure and species composition of diatom community during the wet season in three floodplain lakes of Brazilian Pantanal. *PLOS ONE* 16, 1–22.
- Nontji, A., 2008. *Plankton laut*. Yayasan Obor Indonesia.
- Odum, E.P., Tjahjono, S., Srigando, B., 1993. *Dasar dasar ekologi*, 3rd ed. Gadjah Mada University Press, Yogyakarta.
- Owa, F.D., 2013. Water Pollution: Sources, Effects, Control and Management. *Mediterranean Journal of Social Sciences* 4(8), 65.
- Paerl, H.W., Valdes-Weaver, L.M., Joyner, A.R., Winkelmann, V., 2007. Phytoplankton Indicators of Ecological Change in the Eutrophying Pamlico Sound System, North Carolina. *Ecological Applications* 17(5): S88–S101.



- Rahmah, N., Zulfikar, A., Apriadi, T., 2022. Kelimpahan Fitoplankton dan Kaitannya dengan Beberapa Parameter Lingkungan Perairan di Estuari Sei Carang Kota Tanjungpinang. *Journal of Marine Research* 11(2): 189–200.
- Ramadhawati, D., Wahyono, H.D., Santoso, A.D., 2021. Pemantauna Kualitas Air Sungai Cisadane Secara Online dan Analisa Status Mutu Menggunakan Metode Storet. *Jurnal Sains dan Teknologi Lingkungan* 13(2): 76–91.
- Reynolds, C.S., 2006. *The Ecology of Freshwater Phytoplankton*. Cambridge University Press, United Kingdom.
- Rosarina, D., Laksanawati, E.K., Rosanti, D., 2018. Struktur Komunitas Plankton di Sungai Cisadane Kota Tangerang pada Tata Guna Lahan Berbeda. *Sainsmatika* 3(2): 185–191.
- Sakset, A., 2013. Phytoplankton as a Bio-indicator of Water Quality in the Freshwater Fishing Area of Pak Phanang River Basin (Southern Thailand). *Chiang Mai Journal of Science* 40(3): 344.
- Sánchez, C., Cristóbal, G., Bueno, G., 2019. Diatom identification including life cycle stages through morphological and texture descriptors. *PeerJ* 7, e6770.
- Shannon, C.E., Weaver, W., 1964. *The Mathematical Theory of Communication*. The University of Illinois Press, Urbana.
- Shirota, A., 1966. *The Plankton of South Vietnam: Freshwater and Marine Plankton*. Overseas Technical Cooperation Agency, Japan.
- Strong, W.L., 2016. Biased richness and evenness relationships within Shannon–Wiener index values. *Ecological Indicators* 67: 703–713.
- Suryanto, A.M., Umi, H., 2009. Pendugaan Status Trofik dengan Pendekatan Kelimpahan Fitoplankton dan Zooplankton di Waduk Senggurug, Karangkates, Lahor, Wlingi Raya dan Wonorejo Jawa Timur. *Jurnal Ilmiah Perikanan dan Kelautan* 1(1): 8.
- Susanti, P.D., Miardini, A., 2017. The impact of Land use Change on Water Pollution Index of Kali Madiun Sub-watershed. *Forum Geografi* 31(1), 128–137.
- Suswati, A.C.S.P., Wibisono, G., 2013. Pengelolaan Limbah Domestik dengan Teknologi Tanaman Air (Constructed Wetlands). *Indonesian Green Technology Journal* 2(2): 70–77.



- Suthers, I.M., Rissik, D., 2009. *Plankton: A Guide to their Ecology and Monitoring for Water Quality*. Csiro Publishing, Australia.
- Trombetta, T., Vidussi, F., Mas, S., Parin, D., Simier, M., Mostajir, B., 2019. Water temperature drives phytoplankton blooms in coastal waters. *Plos One* 14(4): e0214933.
- Tundisi, J.G., Tundisi, T.M., 2011. *Limnology*. CRC Press, United State of America.
- Ulfah, M., Fajri, S.N., Nasir, M., Hamsah, K., Purnawan, S., 2019. Diversity, evenness and dominance index reef fish in Krueng Raya Water, Aceh Besar. *IOP Conference Series: Earth and Environmental Science*. 348(1): 012074.
- von Schiller, D., Acuña, V., Aristi, I., Arroita, M., Basaguren, A., Bellin, A., Boyero, L., Butturini, A., Ginebreda, A., Kalogianni, E., Larrañaga, A., Majone, B., Martínez, A., Monroy, S., Muñoz, I., Paunović, M., Pereda, O., Petrovic, M., Pozo, J., Rodríguez-Mozaz, S., Rivas, D., Sabater, S., Sabater, F., Skoulikidis, N., Solagaistua, L., Vardakas, L., Elosegi, A., 2017. River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. *Science of The Total Environment* 596–597: 465–480.
- Wetzel, R.G., 2001. *Limnology: Lake and River Ecosystems*, 3rd ed. Academic Press.
- Zikriah, Z., Bachtiar, I., Japa, L., 2020. The Community of Chlorophyta as Bioindicator of Water Pollution in Pandanduri Dam District of Terara East Lombok. *Jurnal Biologi Tropis* 20(3): 546–555.