

## DAFTAR PUSTAKA

- Aazami, J., Abbas E. S., Asghar, A., Hormoz, S., dan Paul, J. V. d. B. 2015. Assessment of Ecological Quality of the Tajan River in Iran Using a Multimetric Macroinvertebrate Index and Species Traits. *Journal Environmental Management* (56):260–269
- Amizera, S. Moh. Rasyid R., dan Edward S. 2015. Kualitas perairan sungai kundur berdasarkan makrozoobentos melalui pendekatan *biotic index* dan biotilik. *Jurnal MASPARI* 7 (2):51-56
- Anonym. 2011. Peraturan Pemerintah Republik Indonesia Nomor 38 Tahun 2011 Tentang Sungai. [http://hukum.unsrat.ac.id/pp/pp2011\\_38.pdf](http://hukum.unsrat.ac.id/pp/pp2011_38.pdf). Diakses Kamis, 2 April 2020.
- Anzani, Y.M. 2012. Makrozoobentos sebagai Bioindikator Kualitas Perairan di Sungai Ciambulung, Lebak, Banten. Departemen Manajemen Sumberdaya Perikanan. Fakultas Perikanan dan Ilmu Kelautan. Institut Pertanian Bogor. Skripsi.
- Arisandi, P. 2012. Pengukuran kualitas air hulu daerah aliran sungai Kali Brantas berdasarkan keragaman taksa Ephemeroptera, Plecoptera, and Trichoptera. *Prosiding Seminar Nasional Kimia Unesa 2012, Surabaya, 25 Februari 2012.*
- Asdak, C. 2004. *Hidrologi dan Pengolahan Daerah Aliran Sungai*. Gadjah Mada University Press. Jogjakarta
- Ayunira, Muntahariah, dan Nursalbiah. 2018. Indeks Keanekaragaman Benthos Di Perairan Pantai Deudap Pulo Nasi Kabupaten Aceh Besar. *Prosiding Seminar Nasional Biotik*
- Cappenberg, H. A.W. 2017. Komposisi Spesies dan Struktur Komunitas Moluska Bentik Teluk Jakarta. *Jurnal Oseanologi dan Limnologi di Indonesia* 2 (3): 65-79
- Chaikaew P. and Suchana C. 2017. Spatial Variability and Relationship of Mangrove Soil Organic Matter to Organic Carbon. *Applied and Environmental Soil Science* (2017): 1-9
- Daly A. J., Jan M. B. and Bernard D. B. 2018. Ecological Diversity: Measuring the Unmeasurable. *Mathematics* 6 (119): 1-28
- Dinas Komunikasi dan Informatika Kabupaten Purworejo. 2018. *Kompilasi statistik sektoral kabupaten purworejo 2018 (tahun data 2016 – 2017) Urusan Pilihan. Purworejo. Jawa Tengah.*
- Djumanto, Namastra, P., dan Rudy, I. 2012. Indek Biotik Famili Sebagai Indikator Kualitas Air Sungai Gajahwong Yogyakarta. *Jurnal Perikanan* 15 (1): 26-34
- Dorić, S. and Adnan, Č. 2017. Community structure and diversity of macrozoobenthos in quarry ribnica's creek as indicator of surface water management. *Journal Genetics & Applications* 1 (2):29-35
- Dou, P. Baoshan, C. Tian, X. Dazheng, D. dan Binhe, G. 2014. Macrobenthos Diversity Response to Hydrological Connectivity Gradient. *Wetlands*
- Eddy. F. B. 2005. Ammonia in estuaries and effect on fish. *Journal of Fish Biology* 67 (6): 1495 – 1513
- Fajri, N. 2013. Struktur Komunitas Makrozoobentos Di Perairan Pantai Kuwang Wae Kabupaten Lombok Timur. *Jurnal Educatio* 8 (2): 81-100
- Fisesa, E. D. Isdradjad, S. dan Majariana, K. 2014. Kondisi perairan dan struktur komunitas makrozoobentos di Sungai Belumai Kabupaten Deli Serdang Provinsi Sumatera Utara. *Jurnal Depik* 3(1):1-9

- Giorgio, A., Salvatore, D. B., dan Marco, G. 2016. Macroinvertebrate and diatom communities as indicators for the biological assessment of river Picentino (Campania, Italy). *Ecological Indicators* 64: 85–91
- Glavan, M. 2018. *Water Challenges of an Urbanizing World*. BoD – Books on Demand. GmbH. Norderstedt. Germany
- Hadiputra, M. A. dan Alia D. 2013. Kajian potensi makrozoobentos sebagai bioindikator Pencemaran logam berat tembaga (Cu) di kawasan Ekosistem mangrove wonorejo pantai timur Surabaya. Prosiding Seminar Nasional Manajemen Teknologi XVIII. Program Studi MMT-ITS, Surabaya 27 Juli 2013
- Hazeltine B. and Christopher B. 2003. *Field Guide to Appropriate Technology*. Elsevier Science & Technology. San Diego.
- Hilsenhoff W L. 1988. Rapid field assessment of organic pollution with a family-level biotic index. *Journal of the North American Benthological Society* 7:65–68.
- Huerta, E., dan Hans, V. D. W. 2012. Soil macroinvertebrates' abundance and diversity in home gardens in Tabasco, Mexico, vary with soil texture, organic matter and vegetation cover. *European Journal of Soil Biology* 50: 68-75
- Khamenkova, E. V. V. A. Teslenkob, dan T. M. Tiunovab. 2017. Distribution of the Macrobenthos Fauna in the Ola River Basin, Northern Coast of the Sea of Okhotsk. *Journal Zoologicheskii Zhurnal*, 96 (4): 400–409.
- Kinasih, A.R. N. Pudjiono W. P. dan Ruswahyuni. 2015. Analisis hubungan tekstur sedimen dengan bahan organik, logam berat (Pb dan Cd) dan makrozoobentos di sungai betahwalang, demak. *Journal of maquares management of aquatic resources* 4 (3): 99-107
- Kumar, A. Reetu, S. and Vipin, V. 2017. Diversity of Macrozoobenthos in Dudhi River- A Tributary of River Narmada in the Central Zone, India. *Journal Pure App. Biosci.* 5 (4): 1998-2007
- Leatemian, S. P. O., Enriani, L. P., dan Herry, K. 2017. Kepadatan Makrozoobentos Di Daerah Bervegetasi (Lamun) Dan Tidak Bervegetasi Di Teluk Doreri Manokwari. *Jurnal Sumberdaya Akuatik Indopasifik* 1 (1): 15-26
- Leitner, P., Hauer, C., Ofenböck, T., Pletterbauer, F., Schmidt-Kloiber, A., dan Graf, W. 2015. Fine sediment deposition affects biodiversity and density of benthic macroinvertebrates: A case study in the freshwater pearl mussel river Waldaist (Upper Austria). *Journal Limnologica* 50: 54–57
- Lodha, M. 2018. *Water Pollution. Organic and Medicinal Chemistry International Journal* 5 (3): 1-2
- Lok, A. F. S. L., W. F. Ang, P. X. Ng, Beatrice Y. Q. Ng And S. K. Tan. 2011. Status and Distribution of *Faunus ater* (Linnaeus, 1758) (Mollusca: Cerithioidea) In Singapore. *Journal Nature in Singapore* 4: 115–121
- Ludwig, J.A., dan J.F. Reynold. 1988. *Statistical Ecology: a Primer on Methods and Computing*. John Wiley & Sons. New York.
- Muendo.P.N. M. C J Verdegem. J. J Stoorvogel. A Milstein. E.N.Gamal. P. M Duc and J. A.J. Verreth., 20014. Sediment Accumulation in Fish Ponds; Its Potential for Agricultural Use. *International Journal of Fisheries and Aquatic Studies* 1 (5): 228-241
- Nahlunnisa, H. Ervizal, A.M. Zuhud Dan Yanto, S. 2016. Keanekaragaman Spesies Tumbuhan Di Arealnilai Konservasi Tinggi (Nkt) Perkebunan Kelapa Sawit Provinsi Riau. *Jurnal Media Konservasi* 21 (1): 91-98
- Nybakken, J. W. 1992. *Biologi Laut Suatu Pendekatan Biologis*. PT Gramedia. Jakarta

- Odum, E.P. 1993. Dasar-dasar Ekologi. Terjemahan Tjahjono Samingan. Edisi. Ketiga. Gajah Mada University Press. Yogyakarta.*
- Pennak, R.W. 1978. Freshwater Invertebrates of the United States. A Wiley Intescience Publication. John Wiley and Sons, New York.*
- Pemerintah Republik Indonesia. 2001. Peraturan Pemerintah Nomor 82 Tahun 2001 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air. Jakarta: Presiden Republik Indonesia.*
- Permeneg LH No.01 .2010. Tentang Tata Laksana Pengendalian Pencemaran Air.*
- PPID Kabupaten Purworejo. 2015. Rencana Kontinjensi Tsunami. Purworejo. Jawa Tengah.*
- Pratami, V. A. Y. Prabang, S. dan Sunarto, S. 2018. Keanekaragaman, zonasi serta overlay persebaran bentos di Sungai Keyang, Ponorogo, Jawa Timur. Jurnal Ilmu-Ilmu Perairan, Pesisir dan Perikanan 7 (2): 127-138*
- Reddy, M. T., Natarajan S., Venkateswaran K., Someswara R. P., Neelam S., Nilamani D. 2018. Classification, Characterization and Comparison of Aquatic Ecosystems in the Landscape of Adilabad District, Telangana, Deccan Region, India. Open Access Library Journal (5): 1-111*
- Segara, T.S. 2016. Analisis tingkat pencemaran Sungai Code Yogyakarta berdasarkan indek Biotik famili makrobentos. Jurusan Perikanan. Fakultas Pertanian. Universitas Gadjah Mada. Skripsi.*
- Setyobudiarso H. and Yuwono E. 2018. Analysis of Biodiversity and Quality of Metro River in Malang City (Plankton and Bentos Bioindicator Study). Journal of Science and Applied Engineering (JSAE) 1 (1): 10-19*
- Shi, X., Jingling, L., Xiaoguang Y., Kun B., Bo M., dan Bin, C. 2016. Evaluation of river habitat integrity based on benthic macroinvertebrate-based multi-metric model. Ecological Modelling (2016) 1–14*
- Suwoyo H. S., Ambo T., Haryati, and Hilal A. 2019. Potential, Characteristics and Utilization of Shrimp Pond Solid Waste as Organic Fertilizer. International Journal of Environment, Agriculture and Biotechnology (IJEAB) 4 (2): 411-421*
- Stoyanova, Z dan Hristina, H. 2019. Impact of Agriculture on Water Pollution. AGROFOR International Journal 4 (1): 111-118*
- Syafitri. 2017. Pengolahan limbah cair bengkel motor dengan proses elektrokoagulasi menggunakan elektroda stainless steel. Politeknik negeri sriwijaya. Tugas Akhir*
- Triyatmo B. 2001. Studi Kesesuaian Lahan Pesisir Untuk Tambak Di Kecamatan Ngombol Kabupaten Purworejo. Jurnal Perikanan UGM 3 (2): 19-26*
- Xu, M., Zhaoyin, W., Xuehua, D. dan Baozhu, P. 2013. Effects of pollution on macroinvertebrates and water quality bio-assessment. Hydrobiologia (729): 247–259*