

DAFTAR PUSTAKA

- Alfaro, A.C. 2008. Diet of *Littoraria scabra*, while vertically migrating on mangrove trees: Gut content, fatty acid, and stable isotope analyses. *Estuarine, Coastal and Shelf Science*, 79(4), 718 – 726.
- Alongi, D.M. 2002. Present state and future of the world's mangrove forests. *Environmental Conservation*, 29(3), 331–349.
- Alongi, D.M. 2015. The impact of climate change on mangrove forests. *Current Climate Change Reports*, 1, 30–39.
- Alongi, D.M. 2009. *The energetics of mangrove forests*. New York: Springer.
- Anggraini, R., Syahril, Karlina, I., Mariati, W.D., Saleky, D., & Leni, Y. 2021. Uji gastropoda famili Neritidae sebagai bioindikator terhadap status kesehatan hutan mangrove Pulau Tunda Serang Banten, Indonesia. *Acta Aquatica*, 8(1), 49-55.
- Arikunto, S. 2010. *Prosedur penelitian suatu pendekatan praktik*. Jakarta: Rineka Cipta.
- Bengen, D.G. 2001. *Pedoman teknis pengenalan dan pengelolaan ekosistem mangrove*. Bogor: Pusat Kajian Sumberdaya Pesisir dan Lautan IPB.
- Bengen, D.G. 2001. *Pedoman teknis pengenalan dan pengelolaan ekosistem mangrove*. Pusat Kajian Sumberdaya Pesisir dan Lautan – Institut Pertanian Bogor. Bogor, Indonesia.
- Brower, J. E., & Zar, J. H. 1990. *Field and laboratory methods for general ecology*. 3rd ed. Dubuque: Wm. C. Brown Publication.
- Cannicci, S., Burrows, D., Fratini, S., Smith, T.J., Offenber, J., & Dahdouh Guebas, F. 2008. Faunal impact on vegetation structure and ecosystem function in mangrove forests: A review. *Aquatic Botany*, 89(2), 186–200.
- Clements, N. 2008. Mudwhelks (Gastropoda: Potamididae) from mangrove of Ujung Kulon National Park, Banten. *Jurnal Biologi*, 13(2): 51-56.
- Connell, D.W., & Miller, G.J. 1984. *Chemistry and Ecotoxicology of Pollution*. New York: John Wiley & Sons.
- Daulat, A., Mariska, A.A., Rizki, A.A., & Widodo, S.W. 2014. Sebaran kandungan CO₂ terlarut di perairan pesisir selatan Kepulauan Natuna. *Depik*, 3(2), 166-177.
- Dharma, B. 1998. *Siput dan kerang Indonesia*. Jakarta: PT Sarana Graha.

- Dittmar, T., Hertkorn, N., Kattner, G., & Lara, R.J. 2006. Mangroves, a major source of dissolved organic carbon to the oceans. *Global Biogeochemical Cycles*, 20(1), 1-9.
- Eichhorst, T. E. 2016. *Neritidae of the world 1(2)*. Germany: ConchBooks.
- Fachrul, M. F. 2007. *Metode sampling bioekologi*. Jakarta: Bumi Aksara.
- Fadhila, N., Sari, D.W., & Nugroho, R.A. 2023. Kelimpahan bakteri pada sedimen ekosistem mangrove Pantai Tirang, Semarang. *Jurnal Pasir Laut*, 11(1), 31–36.
- FAO. 1998. *The living marine resources of the western central pasific – Volume 1 Seaweeds, corals, bivalves and gastropods*. Rome: FAO.
- Fratini, S., Vannini, M., & Cannicci, S. 2000. Feeding habits and food resources of *Terebralia palustris* (Gastropoda: Potamididae) in a Kenyan mangrove. *Journal of Molluscan Studies*, 66(2), 225–234.
- Fu, D., Huang, Z., Zhang, Y., Pan, D., Ding, Y., Liu, D., Zhang, Y., Mao, Z., & Chen, J. 2015. Factors affecting spring bloom in the south of Cheju Island in the East Cina Sea. *Acta Oceanologica Sinica*, 34(3), 51-58.
- Galan, G. L., Ediza, M.M., Servasques, M.S., & Porquis, H.C. 2015. Diversity of gastropods in selected rivers and lakes in Bukidnon. *International Journal of Environmental Science and Development*, 6(8), 615–619.
- Haque, H., & Choudhury, A. 2015. Ecology and behavior of *Telescopium telescopium*, (Mollusca: Gastropoda: Potamididae) from Chemaguri mudflats, Sagar Island, Sundarbans, India. *International Journal of Engineering Science Invention*, 4(4), 16-21.
- Harmoko., & Sepriyaningsih. 2019. *Bioindikator sungai dengan mikroalga*. Yogyakarta: Deepublish.
- Hickmah, N., Hatta, M., & Amin, B. 2020. Pengaruh salinitas terhadap kandungan bahan organik di kawasan mangrove Mamburungan, Kota Tarakan. *Jurnal Ilmu Lingkungan Tropika*, 14(2), 45–51.
- Holt, E.A., & Miller, S.W. 2010. Bioindicators: Using organisms to measure environmental impacts. *Nature Education Knowledge*, 3(10), Article 8.
- Houbrick, R.S. 1991. Systematics and ecological radiation of the mangrove gastropods of the genus *Cerithidea* (Gastropoda: Potamididae). *Smithsonian Contributions to Zoology*, 513, 1–48.
- Inchan, Faolo, S., Boedi, H., & Mustofa, N.S. 2013. Distribusi dan kelimpahan gastropoda pada hutan mangrove Teluk Awur Jepara. *Management of Aquatic Resources*, 2 (3), 93-103.

- Irham, M., Lupiyaningdyah, P., & Isnaningsih, N.R. 2012. Fauna Indonesia, 1 (11), 1-33.
- Ismail, A., Zulfikar, Z., Yusuf, A., & Marlina, M. 2020. Pemulihan ekosistem mangrove dan dampaknya terhadap keanekaragaman gastropoda di Banda Aceh. *Jurnal Ilmu Kelautan Indonesia*, 25(3), 145–156.
- Ismoyo, U., Hendrarto, B., & Suryanti. 2017. Analisis bahan organik dengan kualitas tanah terhadap ukuran daun bakau (*Rhizophora mucronata*) di hutan mangrove Desa Mojo, Ulujami, Pemalang. *Saintek Perikanan*, 12, 134-138.
- Isnaningsih, N.R., & Patria, M.P. 2018. Peran komunitas moluska dalam mendukung fungsi kawasan mangrove di Tanjung Lesung, Pandeglang, Banten. *Jurnal Biotropika*, 6(2), 35–44.
- Kalor, J. D., Dimara, L., Swabra, O. G., & Paiki, K. 2018. Status kesehatan dan uji spesies indikator biologi ekosistem mangrove Teluk Yotefa Jayapura. *Biosfera*, 35(1), 1 – 9.
- Kano, Y., Chiba, S., & Kase, T. 2002. Major adaptive radiation in neritopsine gastropods estimated from 28S rRNA sequences and fossil records. *Proceedings: Biological Sciences*, 269(1508), 2457 – 2465.
- Kathiresan, K., & Rajendran, N. 2005. Mangrove ecosystems of the Indian Ocean region. *Indian Journal of Marine Sciences*, 34(1), 104–113.
- Kawuri, L.R., Suparjo, M.N., & Suryanti. 2012. Kondisi perairan berdasarkan bioindikator makrozoobentos di Sungai Seketak Tembalang Kota Semarang. *Journal Management of Aquatic Resources*, 1(1), 1-7.
- Kepel, T.L., Suryani, N., Ramadhan, A., & Yusuf, R. (2018). Dampak aktivitas manusia terhadap ekosistem mangrove di pesisir Indonesia. *Jurnal Ilmu Kelautan*, 23(2), 45–56.
- Kepel, T.L., Afati R.N., Rahayu, Y. P., & Adi, N. S. 2018. The impact of mangroves conversion on sediment properties and capacity to store carbon. *Kelautan Nasional*, 13(3), 145-153.
- Kristensen, E., Bouillon, S., Dittmar, T., & Marchand, C. 2008. Organic carbon dynamics in mangrove ecosystems: A review. *Aquatic Botany*, 89(2), 201–219.
- Kurniawan, R., Rahman, A., & Sudrajat, A. O. 2016. Distribusi dan struktur populasi siput *Faunus ater* di ekosistem mangrove Muara Gembong. *Jurnal Ilmu Perikanan Tropis*, 22(2), 83–90.

- Lasalu, N., Sahami, F. M., & Kasim, F. 2015. Komposisi dan keanekaragaman gastropoda ekosistem mangrove di wilayah pesisir Teluk Tomini sekitar Desa Tabulo Selatan, Kecamatan Mananggu, Kabupaten Boalemo, Provinsi Gorontalo. *Nike*, 3(1), 25–31.
- Lee, S. Y. 1998. Ecological role of grapsid crabs in mangrove ecosystems: a review. *Marine and Freshwater Research*, 49(4), 335–343.
- Li, P., Li, X., Bai, J., Meng, Y., Diao, X., & Pan, K. 2022. Effects of land use on the heavy metal pollution in mangrove sediments: Study on a whole island scale in Hainan, China. *Science of the Total Environment*, 824, Article 153856.
- Lim, K. K. P., Murphy, D. H., Morgany, T., Sivasothi, N., Ng, P. K. L., Soong, B. C., Tan, H. T. W., Tan, K. S., & Tan, T. K. 2001. The ecosystem, plant diversity and animal diversity. In Ng, P. K. L., & Sivasothi, N. (Eds.), *A guide to mangroves of Singapore (BP Guide to Nature Series)*. Singapore Science Centre.
- Liu, D., Du, Y., Yu, S., Luo, J., & Duan, H. 2020. Human activities determine quantity and composition of dissolved organic matter in Lakes Along the Yangtze River. *Water Research*, 168, Article 115132.
- Mallin, M.A., Paerl, H.W., Dent, C.L., & Pickney, J. L. 2000. The influence of salinity and nutrients on microbial community structure and function in estuarine ecosystems. *Marine Ecology Progress Series*, 210, 1–15.
- Marples, T.G. 1966. A radionuclide tracer study of arthropod food chains in a *Spartina* salt marsh ecosystem. *Ecology*, 47, 270-277.
- Morton, B. 2003. Observations on the feeding behaviour of *Nassarius clarus* (Gastropoda: Nassariidae) in Shark Bay, Western Australia. *Molluscan Research*, 23, 239-249.
- Maslukah, L. 2013. Hubungan antara Konsentrasi Logam Berat Pb, Cd, Cu, Zn dengan Bahan Organik dan Ukuran Butir dalam Sedimen di Estuari Banjir Kanal Barat, Semarang. *Buletin Oseanografi Marina*. 2, 55-62.
- Muarif. 2016. Karakteristik suhu perairan di kolom budidaya perikanan. *Jurnal Mina Sains*, 2(2), 96-101.
- Muchtar, M. 2012. Distribusi zat hara, nitrat dan silikat di perairan Kepulauan Natuna. *Jurnal Ilmu Kelautan dan Teknologi Kelautan Tropis*, 4(2), 04-317.
- Nagelkerken, I., Blaber, S.J. M., Bouillon, S., Green, P., Haywood, M., Kirton, L. G., Meynecke, J.-O., Pawlik, J., Penrose, H.M., Sasekumar, A., &

- Somerfield, P. J. (2008). The habitat function of mangroves for terrestrial and marine fauna: A review. *Aquatic Botany*, 89(2), 155–185.
- Nasution, S., & Siska, M. 2011. Kandungan logam berat timbal (Pb) pada sedimen dan siput *Strombus canarium* di perairan Pantai Pulau Bintan. *Jurnal Ilmu Lingkungan*, 5:2, 82-93.
- Nontji, A. 1993. Laut nusantara. Jakarta: Djambatan.
- Nordlarsen, T., Bergstedt, A. C. E., Farver, O., & Heding, N. 2011. Drying of firewood – the effect of harvesting time, tree species and shelter of stacked wood. *Biomass and Bioenergy*, 35(7), 2993–2998.
- Nugroho, R.A., Widada, S., & Pribadi, R. 2013. Studi kandungan bahan organik dan mineral (N, P, K, Fe dan Mg) sedimen di kawasan mangrove Desa Bedono, Kecamatan Sayung, Kabupaten Demak. *Marine Research*, 2(1), 62 – 70.
- Odum, E.P. 1971. *Fundamental of ecology*. Philadelphia: W.B. Saunders Company.
- Oktavia, Warsidah, Safitri, I., Sofiana, M.S.J., Apriyansyah, & Nurrahman, Y.A. 2023. Nutritional value of gastropod *cassidula* from the mangrove area of Desa Bakau, Sambas Regency, Kalimantan Barat. *Biologi Tropis*, 23(1), 124-132.
- Palpandi, C. (2011). Hydrobiological parameters, population density and distribution pattern in the gastropod *Nerita (Dostia) crepidularia* Lamarck, 1822, from mangroves of Vellar estuary, Southeast India. *International Journal of Biodiversity and Conservation*, 3(4), 121–130.
- Patty, S.I. 2015. Karakteristik fosfat, nitrat dan oksigen terlarut di Perairan Lembeh, Sulawesi Utara. *Jurnal Pesisir dan Laut Tropis*, 2(1), 1-7.
- Penha-Lopes, G., Bouillon, S., Mangion, P., Macia, A., & Paula, J. (2009). Population structure, density and food sources of *Terebralia palustris* (Potamididae: Gastropoda) in a low intertidal *Avicennia marina* mangrove stand (inhaca island, mozambique). *estuarine, coastal and shelf science*, 84(3), 318–325.
- Permanawati, Y., & Hernawan, U. 2018. Distribusi karbon organik dalam sedimen inti di perairan Lembata, Laut Flores. *Geologi Kelautan*, 16(1), 51-66.
- Pett, R.J. 1993. A collection laboratory methods for selected water and sediment quality parameters - Report No. 13. Australia. International Development Program at Australia University and Colleges.
- Prasetia, N.M., Supriharyono, & Purwanti, F. 2019. Hubungan kandungan bahan organik dengan kelimpahan dan keanekaragaman gastropoda pada

- kawasan wisata mangrove Desa Bedono Demak. Jurnal of Maquares, 2(8), 87-92.
- Rachmawaty. 2014. Indeks keanekaragaman makrozoobentos sebagai bioindikator tingkat pencemaran di Muara Sungai Jeneberang. Bionature, 12, 103-109.
- Ravichandran, S., Ramesh, S., & Kannupandi, T. 2007. Distribution and ecology of gastropods in mangrove ecosystem, southeast coast of India. Journal of Environmental Biology, 28(1), 99-103.
- Reid, D.G., Dyal, P., & Williams, S.T. 2008. Morphological and ecological adaptation in *Cerithidea* (Gastropoda: Potamididae) from Indo-West Pacific mangroves. Biological Journal of the Linnean Society, 95(2), 219-236.
- Reynold, J. 1971. Soil organic matter analysis: A Practical guide. London: Blackwell Science.
- Reynold, S.G. 1971. A manual of introductory soil science and simple soil analysis methods. New Caledonia: Western Samoa.
- Riyandi, A., Saputra, R., & Wicaksono, A. 2018. Keanekaragaman gastropoda di ekosistem mangrove Jawa Timur. jurnal akuatik, 12(3), 78-85.
- Riyandi, H., Zakaria, I.J., & Izmiarti, I. 2018. Diversitas gastropoda pada akar mangrove di Pulau Sirandah, Padang, Sumatera Barat. Jurnal Biologi Unand, 5(1), 34-40.
- Rusyana, Ayu, D. M., Nugroho, R. C., & Rahmawati. 2017. Biodiversitas moluska (gastropoda dan bivalvia) sebagai bioindikator kualitas perairan di kawasan pesisir Pulau Tunda, Banten. Jurnal Biodidaktika, 12, 45-56.
- Salim, G., Rachmawani, D., & Agustianisa, R. 2019. Hubungan kerapatan mangrove dengan kelimpahan gastropoda di Kawasan Konservasi Mangrove dan Bekantan (KKMB) Kota Tarakan. Harpodon Borneo, 12(1), 9-19.
- Salwiyah, Purnama, M.F., & Syukur. 2022. Ecological index of freshwater gastropods Kolaka District, Southeast Sulawesi, Indonesia. Biodiversitas, 23(6), 3031-3041.
- Samsi, A.N., & Karim, S. 2019. The relationship between the length and weight of snail *Nerita lineata* Gmelin 1791 on environmental factors in the mangrove ecosystem. Journal of Physics, 1341(2), 1-7.
- Saripantung, F., Mandagi, F., & Kalesaran, I. 2013. Gastropoda sebagai bioindikator kualitas lingkungan pesisir. Jurnal Ilmu Kelautan, 18(4), 200-210.

- Septyaningsih, E., Ardli, E.R., & Widyastuti, A. 2014. Studi morfometri dan tingkat herbivori daun mangrove di Segara Anakan Cilacap. *Scripta Biologica*, 1(2), 137–140.
- Setiawan, D. 2008. Struktur komunitas makrozoobentos sebagai bioindikator kualitas lingkungan perairan Hilir Sungai Musi [tesis]. Bogor: Sekolah Pascasarjana IPB.
- Setyawan, A.D., Susilowati, A., & Sutarno. 2002. Biodiversitas genetik, spesies dan ekosistem mangrove di Jawa. Universitas Sebelas Maret. Surakarta, Indonesia.
- Setyobudiandi, I., Sulistiono, Yulianda, F., Kusmana, C., Hariyadi, S., Damar, A., Sembiring, A., & Bahtiar. 2009. Sampling dan analisis data perikanan dan kelautan – Terapan metode pengambilan contoh di wilayah pesisir dan laut. Bogor: Fakultas Perikanan dan Ilmu Kelautan Institut Pertanian Bogor.
- Simbolon, A.R. 2016. Pencemaran bahan organik dan eutrofikasi di perairan Cituis, pesisir Tangerang. *Pro-Life*, 3(2), 109-118.
- Sudjana. 1992. *Metoda statistika*. Bandung: Tarsito.
- Supriyantini, E., Yuliasuti, F., & Handayani, N. 2017. Dinamika bahan organik di ekosistem mangrove. *Jurnal Oseanografi*, 6(2), 134–142.
- Supriyantini, E., Nuraiani, R.A.T., & Fadmawati, A. P. 2017. Studi kandungan bahan organik beberapa muara sungai di kawasan ekosistem mangrove, di wilayah pesisir pantai utara Kota Semarang, Jawa Tengah. *Buletin Oseanografi Marina*, 6(1), 29-38.
- Suwondo, Febrita, T., & Sumanti, F. 2006. Struktur komunitas gastropoda pada hutan mangrove di Pulau Sipora Kabupaten Kepulauan Mentawai Sumatera Barat. *Biogenesis*, 1(1), 25- 29.
- Tan, S. K., & Clements, R. 2008. Taxonomy and distribution of the *Faunus ater* complex (Gastropoda: Melanopsidae) in Southeast Asia. *The Raffles Bulletin of Zoology*, 56(2), 255–265.
- Tarmeji, A., Shanti, R., Patmawati. 2018. Hubungan Bahan Organik dengan Keberadaan Fauna Tanah pada Umur Rehabilitasi Lahan Pasca Tambang yang Berbeda. *Agroekoteknologi Tropika Lembab*. 1(1), 1-10.
- Tech, T. 1986. Recommended protocols for measuring conventional sediment variabls in Puget sound final report TC-3991-04 for U. S. Environmental Protection Agency, Region 10. Seattle, USA.
- Tissot, B., & Pelet, R. 1981. Sources and fate of organic matter in ocean sediments.

Oceanologica Acta, 1980, 97-103.

- Twilley, R.R., Chen, R.H., & Hargis, T. 1992. Carbon sinks in mangroves and their implications to carbon budget of tropical coastal ecosystems. *Water, Air, and Soil Pollution*, 64(1-2), 265 – 288.
- Wetzel, R.G. 2001. *Limnology: Lake and river ecosystems* 3rd Edition. Academic Press.
- Willan, R.C. 2013. A key to the potamidid snails (longbums, mudcreepers and treecreepers) of Northern Australia. *Northern Territory Naturalist*, 24, 68-80.
- Wood, M.S. 1987. *Subtidal ecology*. Edward Arnold Pty. Limited, Australia. World Register of Marine Species [WoRMS]. Diakses dari <http://www.marinespecies.org/>.
- Yulianda, F., Kusmana, C., Hariyadi, S., Damar, A., & Sembiring, A. 2010. Struktur komunitas makrobenthos pada berbagai jenis substrat di perairan pesisir. *Jurnal Pesisir dan Lautan* 8(1): 1 – 7.
- Yulianda, F., Muhtadi, A., Boer, M., Krisanti, M., & Wardiatno, Y. 2020. Biological conservation of molluscs based on spatial and temporal distribution in tropical tidal lake, Medan–Indonesia. *HAYATI Journal of Biosciences*, 27(4), 273–273.
- Yuspita, N.L.E., Putra, I.D.N.N., & Suteja, Y. 2018. Bahan organik total dan kelimpahan bakteri di perairan Teluk Benoa, Bali. *Journal of Marine and Aquatic Sciences*, 4(1), 129-140.