

DAFTAR PUSTAKA

- Abubakar, Y., & Salim, F. D. (2021). Analysis of sea cucumber food habits (Holothuroidea) in Tanjung Gosale village Guraping subdistrict North Oba city Tidore Islands. *Jurnal Biologi Tropis*, 21((3)), 945–955.
- Adharini, R. I., Yuniarga, T. R., Prasetya, N. L., & Rachman, F. (2022). Community Structure of Seagrass in Harapan Island, Seribu Islands, Indonesia. *Ilmu Kelautan: Indonesian Journal of Marine Sciences*, 27(1), 20–28. <https://doi.org/10.14710/ik.ijms.27.1.20-28>
- Aisyah, S., & Romadhon, A. (2020). Hubungan persen penutupan lamun dengan kepadatan echinodermata di pulau bawean kabupaten gresik jawa timur. *Juvenil*, 1(1), 132–140.
- Al-khulaifi, F. F., Bachtiar, I., & Suyantri, E. (2024). Predation Intensity on the Brittle Star *Ophiomastix annulosa* on Serinting Beach of Lombok Island. *Jurnal Biologi Tropis*, 24(4), 657–663.
- Alwi, D., Muhammad, S. H., & Tae, I. (2020). Karakteristik Morfologi dan Indeks Ekologi Bulu Babi(Echinoidea) di Perairan Desa Wawama Kabupaten Pulau Morotai. *Sumberdaya Akuatik Indopasifik*, 4(1), 23–32. <https://doi.org/10.46252/jsai-fpik-unipa.2020.Vol.4.No.1.95>
- Aminin, N., Kusuma, N., & Sulistyarsi, A. (2024). *Penyusunan E-ensiklopedia SMP Kelas VII Berbasis Analisis Keanekaragaman Vegetasi Lantai di Sekitar Sumber Mata Air Plalar Kabupaten Madiun*. 2024, 28–38.
- Annisa, A., Febrianto, T., & Nugraha, A. H. (2024). Struktur Komunitas Bivalvia pada Ekosistem Lamun dengan Tutupan Berbeda di Perairan Pulau Bintan. *Buletin Oseanografi Marina*, 13(1), 41–51. <https://doi.org/10.14710/buloma.v13i1.52048>
- Atmaja, P. S. P., Laharjana, I. K. A. K., Suardana, A. A. M. A. P., & Van Keulen, M. (2024). Comparisons of benthic associated fauna assemblages in seagrass meadows across conservation and non-conservation areas in Bali and Lombok, Indonesia. *Ilmu Kelautan: Indonesian Journal of Marine Sciences*, 29(1), 71–84. <https://doi.org/10.14710/IK.IJMS.29.1.71-84>
- Azmi, F., Mawardi, A. L., Sinaga, S., & Nurdin, M. U. H. S. (2022). Population dynamics of *Anadara antiquata* of East Coast of Aceh , Indonesia. *Biodiversitas*, 23(1), 436–442. <https://doi.org/10.13057/biodiv/d230145>
- Azzahra, A. F., Munasik, & Djunaedi, A. (2022). Kandungan Nitrat (NO₃ -) dan Fosfat (PO₄ -3) pada Sedimen terhadap Kondisi Penutupan Lamun di Pantai Prawean Jepara. *Journal of Marine Research*, 11(4), 648–656. <https://doi.org/10.14710/jmr.v11i4.33924>
- Bachmid, S., Siahainenia, L., & Tupan, C. I. (2020). Hubungan Kepadatan Teripang (Holothuroidea) Dengan Kerapatan Lamun Di Perairan Pulau Buntal- Teluk

- Kotania, Kabupaten Seram Bagian Barat. *TRITON*, 16(2), 84–96. <https://doi.org/https://doi.org/10.30598/TRITONvol16issue2page84-96>
- Bahri, S., Patech, L. R., Zulhalifah, Septiani, D. A., & Siswandi. (2021). Distribution and Diversity of Echinoderms in the Coastal Waters of South Beach of Lombok Island. *Jurnal Biologi Tropis*, 21(1), 22–31. <https://doi.org/http://dx.doi.org/10.29303/jbt.v21i1.2320>
- Bangi, H. G. P., & Juinio-meñez, M. A. (2023). Feeding and Reproductive Phenotypic Traits of the Sea Urchin *Tripneustes gratilla* in Seagrass Beds Impacted by Eutrophication. *Diversity*, 15(843), 2–1. <https://doi.org/https://doi.org/10.3390/d15070843>
- Beca-Carretero, P., Azcárate-García, T., Julia-Miralles, M., Stanschewski, C. S., Guihéneuf, F., & Stengel, D. B. (2021). Seasonal Acclimation Modulates the Impacts of Simulated Warming and Light Reduction on Temperate Seagrass Productivity and Biochemical Composition. *Frontiers in Marine Science*, 8(731152), 1–20. <https://doi.org/10.3389/fmars.2021.731152>
- Bews, E., Booher, L., Polizzi, T., Long, C., Kim, J. H., & Edwards, M. S. (2021). Effects of salinity and nutrients on metabolism and growth of *Ulva lactuca*: Implications for bioremediation of coastal watersheds. *Marine Pollution Bulletin*, 166(11), 1–10. <https://doi.org/10.1016/j.marpolbul.2021.112199>
- Briceño-Vera, A. E., Ávila, E., Rodríguez-Santiago, M. A., & Nava, H. (2025). Environmental shifts and their impact on sponge-associated macroinvertebrate communities in seagrass ecosystems. *Hydrobiologia*, 852(1), 265–281. <https://doi.org/10.1007/s10750-024-05707-y>
- Da Rosa, V. C., Copertino, M., Santos, R., & Martínez-Crego, B. (2026). Bottom-up and top-down effects on the epiphytic diatom communities of the seagrass *Zostera noltei* H. *Journal of Experimental Marine Biology and Ecology*, 594(15), 1–12. <https://doi.org/10.1016/j.jembe.2025.152147>
- Dewi, N. K., & Prabowo, S. A. (2015). Status Padang Lamun Pantai-Pantai Wisata di Pacitan. *Biogenesis: Jurnal Ilmiah Biologi*, 3(1), 53–59. <https://doi.org/10.24252/bio.v3i1.567>
- Du, J., Hu, W., Nagelkerken, I., Sangsawang, L., Loh, K. H., Ooi, J. L. S., Liao, J., Zheng, X., Qiu, S., & Chen, B. (2020). Seagrass meadows provide multiple benefits to adjacent coral reefs through various microhabitat functions. *Ecosystem Health and Sustainability*, 6(1), 1–9. <https://doi.org/10.1080/20964129.2020.1812433>
- Durianto, Y., Jailani, & Taru, P. (2023). Analisis pola sebaran dan kepadatan jenis lamun sebagai habitat ikan di perairan Pantai Kota Bontang. *Tropical Aquatic Sciences*, 2(2), 221–227. <https://doi.org/https://doi.org/10.30872/tas.v2i2.591>
- Fadel, A. H., Subur, R., Abubakar, S., Alhadad, Ms., Sero-Sero, R., Abdulkadir, M., Abubakar, Y., & Darmiyati Muksin, D. (2023). Metode Analisis Asosiasi

- Makroalga Pada Ekosistem Padang Lamun di Pulau Sibu Kecamatan Oba Utara Kota Tidore Kepulauan (Methods of Analysis of Macroalae Associations in Seagrass Ecosystems on Sibu Island, North Oba District, Tidore Islands. *Jurnal Agribisnis Perikanan*, 16(1), 246–253. <https://doi.org/https://doi.org/10.52046/agrikan.v16i1.246-253>
- Fahrudin, M., Yulianda, F., & Setyobudiandi, I. (2017). Kerapatan dan penutupan ekosistem lamun di pesisir Desa Baho, Sulawesi Utara. *Jurnal Ilmu Dan Teknologi Kelautan Tropis*, 9(1), 375–384.
- Hasan, F. M., Sahami, F. M., & Nane, L. (2026). Kepadatan, Keanekaragaman, dan Pola Sebaran Bintang Mengular (Ophiuroidea) di Perairan Desa Biluhu Timur, Kabupaten Gorontalo. *Jurnal Ilmiah Perikanan Dan Kelautan*, 14(1), 8–14. <https://doi.org/https://doi.org/10.37905/nj.v14i1.32375> 8
- Hasibuan, N. A., Novianti, D., Ramses, Amelia, F., & Ismarti. (2025). Analysis of Abundance, Length-Weight Relationship, and Condition Factors of Bulleye Snails (*Turbo argyrostoma*) on the Batam Coast. *Bioeduscience*, 9(2), 258–268. <https://doi.org/10.22236/jbes/17>
- Haumahu, S., Uneputty, P. A., & Pietersz, J. H. (2023). Diversitas Spesies Gastropoda Pada Zona Intertidal Negeri Oma, Maluku Tengah. *Jurnal Moluska Indonesia*, 7(1), 43–52. <https://doi.org/https://doi.org/10.54115/jmi.v7i1.81>
- Hayati, R., Rahly, F., & Majid, M. I. (2023). Molecular Genetic Structure of The Sea Lettuce (*Ulva lactuca*) in Ulee Lheue Coast, Indonesia. *Agroteknika*, 6(2), 249–261. <https://doi.org/https://doi.org/10.55043/agroteknika.v6i2.224>
- Herandarudewi, S. M., Kiswara, W., Irawan, A., Anggraeni, F., Juraij, Munandar, E., Sunudin, A., & Tania, C. (2019). Panduan Survei dan Monitoring Duyung dan Lamun. *ITB Press*, 43.
- Hikmah, N. R., Lukitasari, M., & Dewi, N. K. (2018). Penyusunan Ensiklopedia Keanekaragaman Hayati Berbasis Analisis Hubungan Kerapatan Lamun dengan Kelimpahan Makrozoobentos di Zona Intertidal Pantai Tawang Pacitan. *Prosiding Seminar Nasional VI Hayati 2018*, 2(8), 300–316.
- Ilmi, F., & Sulistiyawati. (2021). Morphology and Anatomy of Species *Heterocentrotus trigonarius* and *Tripneustes ventricosus* (Echinodermata : Echinoidea) in Nguyahan Beach Gunungkidul. *Proceedings of the International Conference on Science and Engineering*, 4(February), 129–132.
- Irawan, A. (2017). Potensi Cadangan dan Serapan Karbon oleh Padang Lamun di bagian Utara dan Timur The Carbon Stock and Potential Uptake of Seagrass Beds in the Northern and Eastern Part of Bintan Island. *Oseanologi Dan Limnologi Di Indonesia*, 2(3), 35–48.
- Ishikawa, T., Maegawa, M., & Kurashima, A. (2016). Effect of sea urchin (*Diadema setosum*) density on algal composition and biomass in cage

- experiments. *Plankton & Benthos Research*, 11(4), 112–119.
- Isnaini, I., & Aryawati, R. (2023). Kerapatan Lamun dan Hubungan dengan Parameter Lingkungan di Perairan Pesisir Teluk Lampung. *Buletin Oseanografi Marina*, 12(3), 331–339. <https://doi.org/10.14710/buloma.v12i3.50694>
- Jalaluddin, M., Octaviyani, I. N., Putri, A. N. P., Octaviyani, W., & Aldiansyah, I. (2020). Padang lamun sebagai ekosistem penunjang kehidupan biota laut di Pulau Pramuka, Kepulauan Seribu, Indonesia. *Jurnal Geografi Gea*, 20(April), 44–53. <https://doi.org/https://ejournal.upi.edu/index.php/gea>
- Ji, Y., Jiang, Y., Jin, P., & Xia, J. (2024). Interactive effects of ocean acidification and nitrate on *Ulva lactuca*. *Journal of Applied Phycology*, 36(5), 3047–3055. <https://doi.org/10.1007/s10811-024-03297-9>
- Jiang, J., Hong, Z., Wu, H., Tu, Y., & Yu, Z. (2023). Effects of salinity changes on larval survival, growth, and development of the edible sea cucumber, *Holothuria leucospilota* (Brandt, 1835) at two developmental stages. *Aquaculture Reports*, 30(April), 101568. <https://doi.org/10.1016/j.aqrep.2023.101568>
- Junopia, A. C., Natsir, H., & Dali, S. (2020). Effectiveness of Brown Algae (*Padina australis*) Extract as Antioxidant Agent. *Journal of Physics*, 14(63), 1–6. <https://doi.org/10.1088/1742-6596/1463/1/012012>
- Kandhini, S., Haeruddin, H., Rahman, A., & Prakoso, K. (2025). Analisis Jenis dan Kerapatan Epifit pada Beberapa Lamun di Pantai Blebak, Jepara. *Journal of Marine Research*, 14(3), 429–441. <https://doi.org/10.14710/jmr.v14i3.43743>
- Kaplale, N., Kesaulya, I., Lokollo, F. F., & Yamko, A. K. (2024). Struktur komunitas dan preferensi substrat lamun di Pantai Negeri Siri-Sori Islam, Pulau Saparua, Maluku. *Jurnal Kelautan*, 16(3), 6–10. <https://doi.org/http://doi.org/10.21107/jk.v17i1.21896>
- Kartini, K. S., & Putra, I. N. T. A. (2020). Respon Siswa Terhadap Pengembangan Media Pembelajaran Interaktif Berbasis Android. *Jurnal Pendidikan Kimia Indonesia*, 04(1), 12–19. <https://doi.org/10.62870/jtppm.v11i1.28390>
- Khairunnisa, T., Yulianda, F., & Kurnia, R. (2019). Dinamika Temporal Komunitas Lamun Pada Musim Kemarau Di Intertidal Madasanger, Kabupaten Sumbawa Barat. *Jurnal Ilmu Dan Teknologi Kelautan Tropis*, 11(2), 263–271. <https://doi.org/10.29244/jitkt.v11i2.25160>
- Klau, F. R., Subagiyo, & Riniatsih, I. (2025). Bioekologi Bulu Babi (*Echinoidea*) pada Ekosistem Padang Lamun Di Kecamatan Kupang Barat. *Jurnal Kelautan Tropis*, 28(2), 185–194. <https://doi.org/https://doi.org/10.14710/jkt.v28i2.25627>
- Larasati, R. F., Jaya, M. M., Putra, A., & Djari, A. A. (2022). Keanekaragaman, kerapatan dan penutupan jenis lamun di Pantai Kastela, Ternate Selatan,

- Maluku Utara. *Journal of Indonesian Tropical Fisheries*, 5(2), 162–178.
- Leiwakabessy, F., Sampe, V., & Kubangun, M. T. (2025). Environmental parameters and coastal ecotourism potential of Ambon Bay. *Jurnal Teknologi Perikanan Dan Kelautan Vol.*, 16(2), 136–146. <https://doi.org/https://doi.org/10.24319/jtpk.16.136-146> EISSN
- Lestari, R. P., Riniatsih, I., & Santosa, G. W. (2025). Persentase Tutupan Makroalga Pada Ekosistem Padang Lamun Pantai Prawean Dan Pantai Marina, Kabupaten Jepara. *Journal of Marine Research*, 14(4), 836–844. <https://doi.org/10.14710/jmr.v14i4.49117>
- Li, H., Moon, H., Kang, E. J., Kim, J. M., Kim, M., Lee, K., Kwak, C. W., Kim, H., Kim, I. N., Park, K. Y., Lee, Y. K., Jin, J. W., Edwards, M. S., & Kim, J. H. (2022). The Diel and Seasonal Heterogeneity of Carbonate Chemistry and Dissolved Oxygen in Three Types of Macroalgal Habitats. *Frontiers in Marine Science*, 9(May), 1–17. <https://doi.org/10.3389/fmars.2022.857153>
- Macreadie, P. I., Anton, A., Raven, J. A., Beaumont, N., Connolly, R. M., Friess, D. A., Kelleway, J. J., Kennedy, H., Kuwae, T., Lavery, P. S., Lovelock, C. E., Smale, D. A., Apostolaki, E. T., Atwood, T. B., Baldock, J., Bianchi, T. S., Chmura, G. L., Eyre, B. D., Fourqurean, J. W., ... Duarte, C. M. (2019). The future of Blue Carbon science. *Nature Communications*, 10(1), 1–13. <https://doi.org/10.1038/s41467-019-11693-w>
- Maharani, N. P. S., Watiniasih, N. L., & Dewi, A. P. W. K. (2021). Struktur Komunitas Makroalga Di Pantai Geger Dan Pantai Mengening Kabupaten Badung. *Simbiosis*, 9(1), 51. <https://doi.org/10.24843/jsimbiosis.2021.v09.i01.p06>
- Malensang, J., Mege, R. A., & Manampiring, N. (2025). Keanekaragaman Echinodermata dan Hubungannya dengan Komposisi Lamun pada Zona Intertidal Pantai Kiama , Sulawesi Utara. *Jurnal Sains Dan Teknologi Informasi*, 3(5), 20–43. <https://doi.org/https://doi.org/10.62951/switch.v3i5.686>
- Maya, S., & Nurhidayah. (2020). *Zoologi Invertebrata* (1st ed.). Widina Bhakti Persada Bandung.
- Moruk, I. D., Dahoklory, N., & Sunadji. (2024). Karakteristik Habitat dan Kandungan Metabolit Primer Padina australis di Perairan Hansisi dan Akle. *Jurnal Vokasi Ilmu-Ilmu Perikanan*, 4(2), 262–266.
- Mufida, I., Pertiwi, M. P., & Rostikawati, R. T. (2023). Keanekaragaman Jenis Echinodermata di Pantai Drini Gunung Kidul , Yogyakarta Diversity of Echinoderms in Drini Beach Gunung Kidul , Yogyakarta. *Jurnal Ilmu Dasar*, 24(1), 19–30.
- Mujiyanto, M., Sugianti, Y., Nastiti, A. S., Hartati, S. T., Syam, A. R., Rahman, A., Widiastuti, R., Krismono, K., Wahju, D., Tjahjo, H., Rahmia, M., Putri, A.,

- Purnamaningtyas, S. E., Sulardiono, B., Putro, D. H., Warsa, A., Astuti, L. P., Nurfiarini, A., & Wijaya, D. (2022). *Environmental suitability for sea ranching harvest type of sandfish sea cucumber *Holothuria scabra* Jaeger 1833 in Kariunjawa National Park, Indonesia*. September, 1–20. <https://doi.org/10.20944/preprints202209.0427.v1>
- Muzaki, F. K., Setiawan, E., Insany, G. F. A., Dewi, N. K., & Subagio, I. B. (2019). Community structure of echinoderms in seagrass beds of pacitan beaches, East Java, Indonesia. *Biodiversitas*, 20(7), 1787–1793. <https://doi.org/10.13057/biodiv/d200701>
- Natalia, A., Indrawan, G. S., & Ulinuha, D. (2025). Hubungan Kepadatan Echinodermata Terhadap Tutupan Lamun di Kawasan Pantai Sanur, Kota Denpasar. *Journal Of Marine Research and Technology*, 8(2), 180–189. <https://doi.org/https://ojs.unud.ac.id/index.php/JMRT>
- Ningsih, W., Rusliadi, R., & Putra, I. (2024). Growth and Survival Rate of (*Leptobarbus hoevenii*) Using Liquid Organic Fertilizer on Culture Media. *Jurnal Akuakultur SEBATIN*, 5(1), 92–100. <https://doi.org/10.31258/jas.5.1.92-100>
- Noisette, F., Depetris, A., Köhl, M., & Brodersen, K. E. (2020). Flow and epiphyte growth effects on the thermal, optical and chemical microenvironment in the leaf phyllosphere of seagrass (*Zostera marina*): Flow and epiphyte growth effects on the thermal, optical and chemical microenvironment in the leaf phyllosphere o. *Journal of the Royal Society Interface*, 17(171). <https://doi.org/10.1098/rsif.2020.0485>
- Nordlund, L. M., Koch, E. W., Barbier, E. B., & Creed, J. C. (2016). Seagrass ecosystem services and their variability across genera and geographical regions. *PLoS ONE*, 11(10), 1–23. <https://doi.org/10.1371/journal.pone.0163091>
- Nurwulandari, L., Apriadi, T., & Zulfikar, A. (2025). Estimasi simpanan fosfor (P) pada lamun di perairan pesisir timur dan utara Pulau Bintan. *Journal of Marine and Coastal Science*, 14(3), 145–163. <https://doi.org/10.20473/jmcs.v14i3.72783>
- Oedjoe, M. D. R., & Eoh, C. B. (2015). Keanekaragaman timun laut (echinodermata: holothuroidea) di perairan sabu rajua, pulau sabu, nusa tenggara timur. *Jurnal Ilmu Dan Teknologi Kelautan Tropis*, 7(1), 309–320.
- Pakpahan, H. L., Irwani, & Widowati, I. (2020). Komposisi dan Kelimpahan Ophiuroidea dan Echinoidea di Perairan Pantai Pok Tunggal, Gunung Kidul, Yogyakarta. *Journal of Marine Research*, 9(2), 109–118. <https://doi.org/10.14710/jmr.v9i2.26101>
- Pinto, C. V, Rafael, A., & Ngginak, J. (2024). Keanekaragaman Makroinvertebrata Di Ekosistem Mangrove Oesapa Barat Kecamatan Kelapa Lima. *Jurnal Pendidikan Dan Sains Biologi*, 7(2), 63–71.

<https://doi.org/https://doi.org/10.33323/indigenous.v7i2.654>

- Pribadi, T. D. K., Humaira, R. W., Haryadi, N., Buana, A. S. E., & Ihsan, Y. N. (2020). Asosiasi Lamun Dan Echinodermata Pada Ekosistem Padang Lamun Cagar Alam Leuweung Sancang, Jawa Barat. *Jurnal Kelautan*, 13(3), 176–184. <https://doi.org/10.21107/jk.v13i3.7479>
- Ratminingsih, R., & Subiantoro, A. W. (2023). Development of Mangrove Ecosystem E-encyclopedia as a Reference Source to Improve Information Literacy Skills and Environmental Care Attitudes of Students. *Jurnal Inovasi Pendidikan IPA*, 9(1), 1–12. <https://doi.org/10.21831/jipi.v8i1.48028>
- Riniatsih, I., Munasik, M., Suryono, C. A., Azizah, R., Hartati, R., Pribadi, R., & Subagiyo, S. (2017). Komposisi Makroalga Yang Berasosiasi Di Ekosistem Padang Lamun Pulau Tumpul Lunik, Pulau Rimau Balak Dan Pulau Kandang Balak Selatan, Perairan Lampung Selatan. *Jurnal Kelautan Tropis*, 20(2), 117. <https://doi.org/10.14710/jkt.v20i2.1738>
- Risandi, J., Rifai, H., Lukman, K. M., Sondak, C. F. A., Hernawan, U. E., Quevedo, J. M. D., Hidayat, R., Ambo-Rappe, R., Lanuru, M., McKenzie, L., Kohsaka, R., & Nadaoka, K. (2023). Hydrodynamics across seagrass meadows and its impacts on Indonesian coastal ecosystems: A review. *Frontiers in Earth Science*, 11(1034827), 1–16. <https://doi.org/10.3389/feart.2023.1034827>
- Riswati, M., & Efendy, M. (2020). Analisis Persebaran Lamun Menggunakan Teknik Penginderaan Jauh Di Pulau Sapudi, Kabupaten Sumenep. *Juvenil: Jurnal Ilmiah Kelautan Dan Perikanan*, 1(2), 250–259. <https://doi.org/10.21107/juvenil.v1i2.8443>
- Rosnawati, V., & Kaharudin, L. ode. (2020). Pengembangan Ensiklopedia Berbasis Potensi Lokal Yang Terdapat Di Wakatobi Pada Materi Pokok Animalia Invertebrata (Mollusca Dan Echinodermata). *Jurnal Ilmiah Ilmu Kependidikan*, 4(1), 84. <https://doi.org/10.26858/jkp.v4i1.12055>
- Rugebregt, M. J., & Matuanakotta, C. (2020). Keanekaragaman Jenis , Tutupan Lamun , dan Kualitas Air di Perairan Teluk Ambon. *Jurnal Ilmu Lingkungan*, 18(3), 589–594. <https://doi.org/10.14710/jil.18.3.589-594>
- Rustam, A., Adi, N. S., Daulat, A., Kiswara, W., Yusup, D. S., & Rappe, R. A. (2019). *Pedoman pengukuran karbon di ekosistem padang lamun* (1st ed.). ITB Press.
- Safitri, Y. (2019). Rancangan Ensiklopedia dalam Membangun Citra Positif. *Jurnal Perpustakaan, Arsip Dan Dokumentasi*, 11(2), 222–232. <https://doi.org/10.37108/shaut.v11i2.253>
- Sermatang, J. H., Tupan, C. I., & Siahainenina, L. (2021). Morfometrik Lamun *Thalassia hemprichii* Berdasarkan Tipe Substrat di Perairan Pantai Tanjung Tiram, Poka, Teluk Ambon Dalam. *TRITON*, 17(2), 77–89. <https://doi.org/https://doi.org/10.30598/TRITONvol17issue2page77-89>

- Setiawan, E., Chodiantoro, M. R., Insany, G. F., Subagio, I. B., Dewi, N. K., & Muzaki, F. K. (2021). Short communication: Diversity of sponges associated in seagrass meadows at coastal area of Pacitan district, East Java, Indonesia. *Biodiversitas*, 22(8), 3105–3112. <https://doi.org/10.13057/biodiv/d220803>
- Setiawan, R., Atmowidi, T., Widayati, K. A., & Purwati, P. (2018). Preferensi habitat spesies ophiuroidea di zona intertidal Pantai Pancur Taman Nasional Alas Purwo. *Jurnal Kelautan*, 11(2), 151–166. <https://doi.org/http://doi.org/10.21107/jk.v11i2.4741>
- Setiawan, R., Fajariyah, S., Larasati, A. R., & Pratiwi, A. (2025). Substrate type preferences and species density of *Echinometra Mathaei* in the intertidal ecosystem of Bilik Coastal Baluran National Park. *Jurnal Ilmu-Ilmu Perairan, Pesisir Dan Perikanan*, 14(4), 506–511. <https://doi.org/10.24815/depik.14.4.572>
- Setiawan, R., Wimbaningrum, R., Siddiq, A. M., & Firdausiyah, H. R. (2022). Preferensi tipe susbtrat dan kepadatan populasi *Ophiomastix annulosa* (Muller & Troschel, 1842) di ekosistem intertidal Pantai Bilik Taman Nasional Baluran. *Jurnal Kelautan Dan Perikanan Terapan*, 5(1), 55–63. <https://doi.org/http://dx.doi.org/10.15578/jkpt.v5i1.10614>
- Shen, J., Wu, Z., Yin, L., Chen, S., Cai, Z., Geng, X., & Wang, D. (2022). Physiological basis and differentially expressed genes in the salt tolerance mechanism of *Thalassia hemprichii*. *Frontiers in Plant Science*, 13(975251), 1–13. <https://doi.org/10.3389/fpls.2022.975251>
- Sholihah, A., Ahied, M., Wulandari, A. Y. R., Hadi, W. P., & Fikriyah, A. (2024). Pengembangan Ensiklopedia Keanekaragaman Hayati Pantai The Legend Pamekasan. *Jurnal Natural Science Educational Research*, 7(2), 87–93.
- Sianipar, D. J., Yulianto, B., & Riniatsih, I. (2022). Makroalga Yang Berasosiasi dengan Ekosistem Lamun di Perairan Teluk Awur dan Bandengan, Jepara, Jawa Tengah. *Journal of Marine Research*, 11(2), 237–244. <https://doi.org/10.14710/jmr.v11i2.33821>
- Silaban, R. (2024). Sebaran ukuran dan pola pertumbuhan kerang bulu (*Anadara antiquata*) pada padang lamun di Pantai Letman dan Yatway, Maluku Tenggara. *Jurnal Kelautan*, 17(2), 2476–9991. <http://doi.org/10.21107/jk.v17i2.25423>
- Silaban, R., Josephs Souisa, F. N., Dobo, J., Watubun, S., Sudirjo, F., & Thedora Silubun, D. (2024). Keanekaragaman dan Pemanfaatan Makroalga di Perairan Pulau Rumadan Dullah Utara Kota Tual. *Journal of Science and Technology*, 17(3), 387–398. <https://doi.org/10.21107/rekayasa.v17i3.27255>
- Simatupang, M. Y. C., Sarung, M. A., & Ulfah, M. (2017). Keanekaragaman Echinodermata Dan Kondisi Lingkungan Perairan Dangkal Pulau Pandang Kabupaten Batu Bara Provinsi Sumatera Utara. *Jurnal Ilmiah Mahasiswa Kelautan Dan Perikanan Unsyiah*, 2(1), 97–103.

- Smart, J. N., Hammerman, N. M., Golding, K. M., Markey, K., Kovacs, E., & Roelfsema, C. (2025). Decadal monitoring shows seagrass decline and community shifts following environmental disturbance in Moreton Bay, south-eastern Queensland, Australia. *Marine and Freshwater Research*, 76(10), 1–14. <https://doi.org/10.1071/MF25049>
- Tjendanawangi, A., Dahoklory, N., Salosso, Y., & Tobuku, R. (2023). Studi Morfometrik dan Kepadatan Bulubabi *Tripneustes gratilla* Di Perairan Teluk Kupang , NusaTenggara Timur. *Jurnal Vokasi Ilmu-Ilmu Perikanan*, 4(1), 126–130.
- Tristiyo, D., & Carolina, H. S. (2024). Pengembangan Ensiklopedia Digital pada Pelajaran Ekosistem Berbasis Kurikulum Merdeka. *Jurnal Inovasi Pendidikan Biologi*, 1(1), 53–65. <https://doi.org/https://journal.unesa.ac.id/index.php/jipb>
- Ugarelli, K., Chakrabarti, S., Laas, P., & Stingl, U. (2017). The seagrass holobiont and its microbiome. *Microorganisms*, 5(4), 1–28. <https://doi.org/10.3390/microorganisms5040081>
- Ulkhaq, M. F., Andriyono, S., Azhar, M. H., & Kencono, H. K. (2016). Dominansi dan Diversitas Lamun dan Makrozoobenthos pada Musim. *Jurnal Ilmiah Perikanan Dan Kelautan*, 8(1), 36–45.
- Uneputty, P. A., Pattikawa, J. A., & Rijoly, F. (2016). Status Populasi Bulu Babi *Tripneustes gratilla* di Perairan Desa Liang, Pulau Ambon. *Scientific Communication in Fisheries and Marine Sciences*, 12(3), 98–105.
- Unsworth, R. K. F., McKenzie, L. J., Collier, C. J., Cullen-Unsworth, L. C., Duarte, C. M., Eklöf, J. S., Jarvis, J. C., Jones, B. L., & Nordlund, L. M. (2019). Global challenges for seagrass conservation. *Ambio*, 48(8), 801–815. <https://doi.org/10.1007/s13280-018-1115-y>
- Vafidis, D., Antoniadou, C., Voulgaris, K., & Varkoulis, A. (2021). Abundance and population characteristics of the invasive sea urchin *Diadema setosum* (Leske , 1778) in the south Aegean Sea (eastern Mediterranean). *Journal of Biological Research-Thessaloniki*, 28(11), 1–14. <https://doi.org/10.1186/s40709-021-00142-9>
- Watson, G., Davies, J., Wood, H., & Cocks, A. (2018). A comparison of survivorship and function (grazing and behaviour) of three gastropod species used as clean-up crew for the marine aquarium trade. *PLoS ONE*, 13(6), 1–16. <https://doi.org/10.1371/journal.pone.0199516>
- Wiranto, I., Efendi, Y., & Agustina, F. (2025). Density and distribution of holothuria leucospilota along the coast of dedap island, pulau abang waters. *Jurnal Pendidikan Biologi*, 10(1), 124–134. <https://doi.org/https://doi.org/10.31932/jpbio.v10i1.4532>
- Wulandari, A., & Fitriyah, I. N. (2023). Keanekaragaman Invertebrata Pantai Lorena Di Kecamatan Paciran Kabupaten Lamongan Sebagai Upaya

- Pelestarian Ekosistem Laut. *Exact Papers in Compilation (EPiC)*, 5(2), 1–8. <https://doi.org/10.32764/epic.v5i2i2.831>
- Young, C. S., & Gobler, C. J. (2017). The organizing effects of elevated CO₂ on competition among estuarine primary producers. *Scientific Reports*, 7(1), 1–15. <https://doi.org/10.1038/s41598-017-08178-5>
- Young, C. S., Peterson, B. J., & Gobler, C. J. (2018). The Bloom-Forming Macroalgae, *Ulva*, Outcompetes the Seagrass, *Zostera marina*, Under High CO₂ Conditions. *Estuaries and Coasts*, 41(8), 2340–2355. <https://doi.org/10.1007/s12237-018-0437-0>
- Yunianto, A. E., Dewi, N. K., & Ardhi, M. W. (2018). Struktur Komunitas Ikan pada Padang Lamun Pantai Pidakan Pacitan sebagai Bahan Penyusun Ensiklopedia untuk SMA KELAS X. *Prosiding Seminar Nasional VI Hayati*, 2(8), 338–350.
- Yunita, R. R., Suryanti, S., & Latifah, N. (2020). Biodiversitas Echinodermata pada Ekosistem Lamun di Perairan Pulau Karimunjawa, Jepara. *Jurnal Kelautan Tropis*, 23(1), 47–56. <https://doi.org/https://doi.org/10.14710/jkt.v23i1.3384>
- Zachawerus, T., Kondoy, K. I. F., & Rangan, J. K. (2019). Morfometrik lamun *Thalassia hemprichii* di Pantai Pasir Panjang Desa Paputungan Likupang Barat Minahasa Utara. *Jurnal Ilmiah Platax*, 7(1), 178–185.
- Zunaidah, F. N., & Amin, M. (2016). Pengembangan Bahan Ajar Matakuliah Bioteknologi Berdasarkan Kebutuhan Dan Karakter Mahasiswa Universitas Nusantara PGRI Kediri. *Jurnal Pendidikan Biologi Indonesia*, 2(1), 19–30.