

DAFTAR PUSTAKA

- Achmad A, Susiloningtyas D, Handayani T. 2020. Sustainable aquaculture management of vanamei shrimp (*Litopenaeus vannamei*) in Batukaras village, Pangandaran, Indonesia. GEOMATE Journal, 19(72), 151-158.
- Ali B, Anushka MA. 2022. Effects of dissolved oxygen concentration on freshwater fish: a review. International Journal of Fisheries and Aquatic Studies, 10(4), 113-127.
- Anas P, Sudinno D, Jubaedah I. 2015. Daya Dukung Perairan Untuk Budidaya Udang Vannamei Sistim Semi Intensif Dalam Pemanfaatan Wilayah Pesisir Kabupaten Pemalang. Jurnal Penyuluhan Perikanan dan Kelautan, 9(2), 29-46.
- Anufriieva EV, Shadrin NV. 2023. General Patterns of Salinity Influence on the Energy Balance of Aquatic Animals in Hypersaline Environment. Biology Bulletin Reviews, 13(5), 420-430.
- Aris M, Labenua R. 2019. Budidaya udang Vaname di tambak (*Litopenaeus vannamei*). LepKHAIR. Ternate.
- Ayyam V, Palanivel S, Chandrakasan S. 2019. Coastal ecosystems of the tropics-adaptive management. Springer Singapore.
- Bakri S, Hartati F, Kaskoyo H, Febryano IG, Dewi BS. 2023. The fate of mangrove ecosystem sustainability on the shrimp cultivation area in Tulang Bawang District, Lampung, Indonesia. Biodiversitas Journal of Biological Diversity, 24(1).
- Bansode VV, Sharangdhar MT, Mohite AS, Sawant SS, Mulye VB, Koli JM, Sadawarte RK, Chibhade GB. 2020. Soil and water quality parameters of brackish water shrimp farms of Raigad district of Maharashtra. Journal of Experimental Zoology India, 23, 941-946.

- Bengen DG. 2002. Menuju Pengelolaan Wilayah Pesisir Terpadu Berbasis DAS. Seminar HUT LIPI, Jakarta.
- [BPS] Badan Pusat Statistik. 2024. *Kabupaten Pulau Morotai Dalam Angka 2024*. Pulau Morotai. BPS Kabupaten Pulau Morotai.
- [BPS] Badan Pusat Statistik. 2023. *Kecamatan Morotai Selatan Barat Dalam Angka 2023*. Pulau Morotai. BPS Kabupaten Pulau Morotai.
- Ciji A, Akhtar MS. 2020. Nitrite implications and its management strategies in aquaculture: a review. *Reviews in Aquaculture*, 12(2), 878-908.
- Dahuri R, Rais Y, Putra SG, Sitepu MJ. 1996. Pengelolaan Sumberdaya Wilayah Pesisir dan Lautan Secara Terpadu. PT. Pradnya Paramita. Jakarta.
- Diana JS, Szyper JP, Batterson TR, Boyd CE, Piedrahita RH. 2017. Water quality in ponds. *Dynamics of pond aquaculture*, 53-71.
- Hadipour A, Vafaie F, Hadipour V. 2015. Land suitability evaluation for brackish water aquaculture development in coastal area of Hormozgan, Iran. *Aquaculture International*, 23, 329-343.
- Huang X, Dalsgaard J, Aalto SL, Lund I, Pedersen PB. 2023. Influence of dietary phosphorus on orthophosphate accumulation in recirculating aquaculture systems with rainbow trout (*Oncorhynchus mykiss*). *Aquacultural Engineering*, 103, 102363.
- Hukom V, Nielsen R, Asmild M, Nielsen M. 2020. Do aquaculture farmers have an incentive to maintain good water quality? The case of small-scale shrimp farming in Indonesia. *Ecological Economics*, 176, 106717.
- Ikbal M, Agussalim A, Fauziyah F. 2019. Evaluasi status kesesuaian lahan tambak udang vaname (*Litopenaeus vannamei*) menggunakan sistem informasi geografis (SIG) di tambak Bumi Pratama Mandira Kabupaten Ogan Komering Ilir, Sumatera Selatan. *Maspari Journal*, 11(2), 69-78.

- [KepMen KP] Keputusan Menteri Kelautan Dan Perikanan Republik Indonesia Nomor 67. 2020. Tentang Kawasan Konservasi Perairan Pulau Rao-Tanjung Dehegila dan Perairan Sekitarnya Di Provinsi Maluku Utara. Jakarta
- [KKP] Kementerian Kelautan dan Perikanan. 2024. *Statistik Produksi Perikanan*. [diakses 29 Mei 2024]. <https://statistik.kkp.go.id/home.php?m=total&i=2>
- Lovett DL, Felder DL. 1989. Ontogeny of gut morphology in the white shrimp *Penaeus setiferus* (Decapoda, Penaeidae). *Journal of Morphology*, 201(3), 253-272.
- Mejjad N, Rossi A, Pavel AB. 2022. The coastal tourism industry in the Mediterranean: A critical review of the socio-economic and environmental pressures & impacts. *Tourism Management Perspectives*, 44, 101007.
- Mitra A, Zaman S, Pramanick P. 2022. Sustainable Management of Resource Base in Indian Sundarbans. In *Blue Economy in Indian Sundarbans*. Springer, Cham.
- Moloantoa KM, Khetsha ZP, Van Heerden E, Castillo JC, Cason ED. 2022. Nitrate water contamination from industrial activities and complete denitrification as a remediation option. *Water*, 14(5), 799.
- Mustafa A, Paena M, Athirah A, Ratnawati E, Asaf R, Suwoyo HS, Nisaa K. 2022. Temporal and spatial analysis of coastal water quality to support application of whiteleg shrimp *Litopenaeus vannamei* intensive pond technology. *Sustainability*, 14(5), 2659.
- Mustafa A, Ratnawati E, Undu M. 2020. Characteristics and management of brackishwater pond soil in South Sulawesi Province, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 564.
- Mustafa A, Syah R, Paena M, Sugama K, Kontara EK, Muliawan I, Suwoyono HS, Asaad AIJ, Asaf R, Ratnawati E, Athirah A, Makmur M, Suwardi S, Taukhd I. 2023. Strategy for Developing Whiteleg Shrimp (*Litopenaeus vannamei*) Culture Using Intensive/Super-Intensive Technology in Indonesia. *Sustainability*, 15(3), 1753.

- Nuriati NK. 2018. Analisis efisiensi saluran pemasaran ikan tongkol hasil tangkapan nelayan di Desa Seraya Timur Kecamatan Karangasem. *Jurnal Pendidikan Ekonomi Undiksha*, 10(2), 512-522.
- Nusu OS, Arsana IKS, Gintulangi SO. 2023. Strategi Peningkatan Daya Saing Komoditi Unggulan Gorontalo Dalam Mendukung Kebutuhan Pangan Ibu Kota Nusantara. *Innovative: Journal Of Social Science Research*, 3(5), 7171-7184.
- Odum EP. 1971. *Fundamental of Ecology*, Third Edition. W. B. Sanders Co. Philadelphia.
- Owhonda NK. 2021. Seasonal Variations of Some Physicochemical Parameters of the Brackish Water Farm, Buguma, Niger Delta, Nigeria. *Recent Research Advances in Biology*, 8, 24-31.
- [Permen KP] Peraturan Menteri Kelautan dan Perikanan Nomor 18. 2014. Tentang Wilayah Pengelolaan Perikanan Negara Republik Indonesia. Jakarta
- Pratiwi NTM, Widigdo B, Yasin A, Soffyan J, Iswantari A, Wulandari DY. 2021. Phytoplankton performance in supporting primary productivity in the intensive culture system of vannamei shrimp. *IOP Conference Series: Earth and Environmental Science*, 744(1), 012054.
- Purnomo AR, Patria MP, Takarina ND, Karuniasa M. 2022. Environmental impact of the intensive system of vanamei shrimp (*Litopenaeus vannamei*) farming on the Karimunjawa-Jepara-Muria Biosphere Reserve, Indonesia. *International Journal on Advanced Science, Engineering and Information Technology*, 12(3), 873-880.
- Rahmat YN, Neilson J. 2023. The ebb and flow of capital in Indonesian coastal production systems. *Singapore Journal of Tropical Geography*, 44(2), 300-321.
- Sidabutar T, Cappenberg H, Srimariana ES, Muawanah A, Wouthuyzen S. 2021. Harmful algal blooms and their impact on fish mortalities in Lampung Bay: an

- overview. IOP Conference Series: Earth and Environmental Science, 944(1), 012027.
- Siddique S, Al Shoumik BA, Kibria KQ. 2022. Spatial distribution and the assessment of pond water suitability for aquaculture in the Sonadanga and Kotwali Thanas of Khulna City Corporation. *Khulna University Studies*, 55-65.
- Singh PK, Munilkumar S, Sundaray JK, Santhanam P, Sharma A, Haque R, Chandan NK. 2024. Evaluation of enriched freshwater rotifer, *Brachionus calyciflorus* as first feed on growth performance, nutrient availability and fatty acid composition of *Anabas testudineus* (Bloch, 1792) larvae. *Animal Feed Science and Technology*, 309, 115901.
- Sofiati T, Asy'ari A, Kastanya I, Deto SN. 2021. Alur Produksi Udang Vaname (*Litopenaeus vannamei*) Beku di PT. MMC Kabupaten Pulau Morotai. *Jurnal Ilmiah Wahana Penelitian*, 7(6):5-9.
- Su X, Sutarlie L, Loh X. 2020. Sensors, Biosensors, and Analytical Technologies for Aquaculture Water Quality. *Research*, 1-15.
- Swain S, Sawant PB, Chadha NK, Chhandaprajnadarsini EM, Katare MB. 2020. Significance of water pH and hardness on fish biological processes: a review. *International Journal of Chemical Studies*, 8(4), 330-337.
- Tamrin T, Schaduw JNW, Sambali H, Wantasen AS, Mantiri DMH, Kepel RC, Mingkid WM, Kalesaran OJ. 2024. Land suitability analysis for brackishwater aquaculture development in the coastal area of District West Halmahera, Indonesia. *AACL Bioflux*, 17(1), 440-448.
- Tantu AG, Salam S, Indrawati E, Ayu ARP. 2019. Land Suitability Analysis Of White Shrimp (*Litopenaeus vannamei*) Aquaculture In The Coastal Area Of Barru District South Sulawesi–Indonesia. *Fish Scientiae*, 9(1), 3-23.

- Wang J, Li L, Liu Y, Li W. 2021. A review of partial nitrification in biological nitrogen removal processes: from development to application. *Biodegradation*, 32, 229-249.
- Yessy LT, Ezraneti R, Khalil M, Ezraneti R. 2024. Quantitative analysis of water quality parameters and their influence on the Pacific white shrimp (*Litopenaeus vannamei*) culture: A case study of Rancong mariculture area in Lhokseumawe, Aceh, Indonesia. *Journal of Marine Studies*, 1(1), 1102.
- Yin L, Fu L, Wu H, Xia Q, Jiang Y, Tan J, Guo Y. 2021. Modeling dissolved oxygen in a crab pond. *Ecological Modelling*, 440, 109385.
- Yu J, Wang Y, Xiao Y, Li X, Zhou L, Wang Y, Du T, Ma X, Li J. 2021. Investigating the effect of nitrate on juvenile turbot (*Scophthalmus maximus*) growth performance, health status, and endocrine function in marine recirculation aquaculture systems. *Ecotoxicology and Environmental Safety*, 208, 111617.
- Zhao M, Yao D, Li S, Zhang Y, Aweya JJ. 2020. Effects of ammonia on shrimp physiology and immunity: a review. *Reviews in Aquaculture*, 12(4), 2194-2211.