

## DAFTAR ISI

- [1] Food and Agriculture Organization of the United Nations, *FAO Yearbook. Fishery and Aquaculture Statistics 2019/FAO annuaire. Statistiques des pêches et de l'aquaculture 2019/FAO anuario. Estadísticas de pesca y acuicultura 2019*. FAO, 2021. doi: 10.4060/cb7874t.
- [2] A. Renanda, F. Erry Prasmatiwi, I. Nurmayasari Jurusan Agribisnis, F. Pertanian, U. Lampung, and J. Soemantri Brojonegoro No, “Pendapatan dan Risiko Budidaya Udang Vaname di Kecamatan Rawajitu Timur Kabupaten Tulang Bawang,” *jurnal.fp.unila.ac.id*, vol. 7, no. 4, 2019, Accessed: Nov. 21, 2022. [Online]. Available: <https://jurnal.fp.unila.ac.id/index.php/JIA/article/view/3861>
- [3] [MMAFI] Ministry of Marine Affairs and Fisheries of Indonesia, “MMFI Annual Report 2020,” 2020.
- [4] M. Briggs, S. Funge-Smith, R. Subasinghe, and M. Phillips, “FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS REGIONAL OFFICE FOR ASIA AND THE PACIFIC: Introductions and movement of Penaeus vannamei and Penaeus stylirostris in Asia and the Pacific,” Bangkok, 2004.
- [5] F. Amelia, A. Yustiati, and Y. Andriani, “Review of Shrimp (*Litopenaeus vannamei* (Boone, 1931)) Farming in Indonesia: Management Operating and Development”, [Online]. Available: [www.worldscientificnews.com](http://www.worldscientificnews.com)
- [6] L. A. Wati, “Analyzing the development of Indonesia shrimp industry,” *IOP Conf Ser Earth Environ Sci*, vol. 137, p. 012101, Apr. 2018, doi: 10.1088/1755-1315/137/1/012101.
- [7] Muzahar, *Teknologi dan Manajemen Budidaya Udang*. UMRAH PRESS, 2020.
- [8] H. Dugassa and D. G. Gaetan, “Biology of White Leg Shrimp, *Penaeus vannamei*: Review,” *World Journal of Fish and Marine Sciences*, vol. 10, no. 2, pp. 5–17, 2018, doi: 10.5829/idosi.wjfps.2018.05.17.
- [9] Y. S. Kim *et al.*, “Effects of wheat flour and culture period on bacterial community composition in digestive tracts of *Litopenaeus vannamei* and rearing water in biofloc aquaculture system,” *Aquaculture*, vol. 531, Jan. 2021, doi: 10.1016/j.aquaculture.2020.735908.

- [10] M. Araneda, E. Gasca-Leyva, M. A. Vela, and R. Domínguez-May, “Effects of temperature and stocking density on intensive culture of Pacific white shrimp in freshwater,” *J Therm Biol*, vol. 94, Dec. 2020, doi: 10.1016/j.jtherbio.2020.102756.
- [11] S. A. Kathyayani, M. Muralidhar, T. S. Kumar, and S. V. Alavandi, “Stress Quantification in *Penaeus vannamei* Exposed to Varying Levels of Turbidity,” *J Coast Res*, vol. 86, no. sp1, p. 177, Nov. 2019, doi: 10.2112/SI86-027.1.
- [12] H. Ariadi *et al.*, “Keterkaitan Hubungan Parameter Kualitas Air Pada Budidaya Intensif Udang Putih (*Litopenaeus vannamei*),” 2021.
- [13] F. M. Pratiwy, A. K. Jacinda, and A. Yustiati, “Application of IoT-based Technology in Vaname Shrimp Cultivation: A Systematic Literature,” *Asian Journal of Fisheries and Aquatic Research*, pp. 96–106, Dec. 2021, doi: 10.9734/ajfar/2021/v15i630354.
- [14] D. Xu, J. Wu, L. Sun, X. Qin, X. Fan, and X. Zheng, “Combined stress of acute cold exposure and waterless duration at low temperature induces mortality of shrimp *Litopenaeus vannamei* through injuring antioxidative and immunological response in hepatopancreas tissue,” *J Therm Biol*, vol. 100, Aug. 2021, doi: 10.1016/j.jtherbio.2021.103080.
- [15] H. A. Abdelrahman, A. Abebe, and C. E. Boyd, “Influence of variation in water temperature on survival, growth and yield of Pacific white shrimp *Litopenaeus vannamei* in inland ponds for low-salinity culture,” *Aquac Res*, vol. 50, no. 2, pp. 658–672, Feb. 2019, doi: 10.1111/are.13943.
- [16] A. P. Pawar, S. V. Sanaye, S. Shyama, R. A. Sreepada, and A. S. Dake, “Effects of salinity and temperature on the acute toxicity of the pesticides, dimethoate and chlorpyrifos in post-larvae and juveniles of the whiteleg shrimp,” *Aquac Rep*, vol. 16, p. 100240, Mar. 2020, doi: 10.1016/j.aqrep.2019.100240.
- [17] Blynk, “Send Data From Hardware To Blynk - Blynk Documentation,” 2022. <https://docs.blynk.io/en/getting-started/how-to-display-any-sensor-data-in-blynk-app> (accessed Jan. 03, 2023).
- [18] K. A. Morris, “What is Hysteresis?,” *Appl Mech Rev*, vol. 64, no. 5, Sep. 2011, doi: 10.1115/1.4007112.
- [19] I. Griche, S. Messalti, K. Saoudi, and A. Arabi, “Power-System Voltage Control Based THD Correction using a Hysteresis Controller,” 2019.

- [20] H. Zhang, Y. Liu, J. Dai, and Y. Wang, “Command Filter Based Adaptive Fuzzy Finite-Time Control for a Class of Uncertain Nonlinear Systems with Hysteresis,” *IEEE Transactions on Fuzzy Systems*, vol. 29, no. 9, pp. 2553–2564, Sep. 2021, doi: 10.1109/TFUZZ.2020.3003499.
- [21] Z. Zhao, Y. Liu, T. Zou, K. S. Hong, and H. X. Li, “Robust Adaptive Fault-Tolerant Control for a Riser-Vessel System With Input Hysteresis and Time-Varying Output Constraints,” *IEEE Trans Cybern*, vol. 53, no. 6, pp. 3939–3950, Jun. 2023, doi: 10.1109/TCYB.2022.3165389.
- [22] V Venkateswarlu, PV Seshaiah, P Arun, and PC Behra, “A study on water quality parameters in shrimp *L. vannamei* semi-intensive grow out culture farms in coastal districts of Andhra Pradesh, India,” *International Journal of Fisheries and Aquatic Studies* , vol. 7, no. 4, pp. 394–399, 2019, doi: dx.doi.org/10.22271/fish.
- [23] IEC, “IEC 60751: Industrial platinum resistance thermometers and platinum temperature sensors Thermomètres à résistance de platine et capteurs hermométriques de platine industriels,” 2022
- [24] R. A. Koestoer, Y. A. Saleh, I. Roihan, and Harinaldi, “A simple method for calibration of temperature sensor DS18B20 waterproof in oil bath based on Arduino data acquisition system,” in *AIP Conference Proceedings*, American Institute of Physics Inc., Jan. 2019. doi: 10.1063/1.5086553.
- [25] D. L. Lovett and D. L. Felder, “Ontogeny of Kinematics in the Gut of the White Shrimp *Penaeus setiferus* (Decapoda: Penaeidae),” 1990. [Online]. Available: <http://www.jstor.org> URL:<http://www.jstor.org/stable/1548669>