

DAFTAR PUSTAKA

- Abdulfathah, A., & Budhi Santoso, D. (2024). Pemanfaatan IoT (Internet of Things) Dalam Monitoring Kadar Kepekatan Asap dan Kendali Camera Tracking. *Aisyah Journal Of Informatics and Electrical Engineering (A.J.I.E.E)*, 6(1), 125–129. <https://doi.org/10.30604/jti.v6i1.221>
- Akbari, M. S., Safavi, A. A., Vafamand, N., Dragicevic, T., & Rodriguez, J. (2020). Fuzzy Mamdani-based Model Predictive Load Frequency Control. *2020 IEEE 11th International Symposium on Power Electronics for Distributed Generation Systems (PEDG)*, 7–12. <https://doi.org/10.1109/PEDG48541.2020.9244311>
- Anuari, M., Sadrina, S., & Islamadina, R. (2023). ANALISIS KUALITAS AIR BERSIH DENGAN LOGIKA FUZZY MAMDANI. *Cyberspace: Jurnal Pendidikan Teknologi Informasi*, 7(2), Article 2. <https://doi.org/10.22373/cj.v7i2.21699>
- Asgari, G., Komijani, E., Seid-Mohammadi, A., & Khazaei, M. (2021). Assessment the Quality of Bottled Drinking Water Through Mamdani Fuzzy Water Quality Index. *Water Resources Management*, 35(15), 5431–5452. <https://doi.org/10.1007/s11269-021-03013-z>
- Aziz, B., Muchtar, E., & Hariadi, F. I. (2016). Human-Machine Interface for water quality monitoring system of white-legged shrimp pond. *2016 International Symposium on Electronics and Smart Devices (ISESD)*, 73–78. <https://doi.org/10.1109/ISESD.2016.7886695>

- Azmi, B. P. D. U. (2023). *Sistem Monitoring Kualitas Air Pada Tambak Udang Vaname (Litopenaeus Vannamei) Menggunakan Metode Fuzzy Tsukamoto* [Undergraduate, Politeknik Negeri Jember]. <https://sipora.polije.ac.id/23575/>
- Aztisyah, D. (2021). Implementasi Logika Fuzzy Mamdani Pada ph Air dalam Sistem Otomatisasi Suhu dan ph Air Aquascape Ikan Guppy. *Journal of Informatics Information System Software Engineering and Applications (INISTA)*, 4(1), Article 1. <https://doi.org/10.20895/inista.v4i1.345>
- Budiman, F., Rivai, M., & Nugroho, M. A. (2019). Monitoring and Control System for Ammonia and ph Levels for Fish Cultivation Implemented on Raspberry Pi 3B. *2019 International Seminar on Intelligent Technology and Its Applications (ISITIA)*, 68–73. <https://doi.org/10.1109/ISITIA.2019.8937217>
- Bu'u, K. S., Nachrowie, N., & Sonalitha, E. (2023). Monitoring Kualitas Air Aquarium Menggunakan Metode Fuzzy Mamdani Berbasis IoT. *PROSIDING SEMINAR NASIONAL SAINS DATA*, 3(1), Article 1. <https://doi.org/10.33005/senada.v3i1.83>
- Das, B., & Jain, P. C. (2017). Real-time water quality monitoring system using Internet of Things. *2017 International Conference on Computer, Communications and Electronics (Comptelix)*, 78–82. <https://doi.org/10.1109/COMPTELIX.2017.8003942>
- Fitrianah, D., Hidayanto, A. N., Gaol, J. L., Fahmi, H., & Arymurthy, A. M. (2016). A Spatio-Temporal Data-Mining Approach for Identification of Potential Fishing Zones Based on Oceanographic Characteristics in the Eastern Indian Ocean. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*,

- 9(8), 3720–3728. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. <https://doi.org/10.1109/JSTARS.2015.2492982>
- Fitrianah, D., Praptono, N. H., Zen, R. A. M., Hidayanto, A. N., & Arymurthy, A. M. (2014). An integrated system architecture in managing fishery data in Indonesia. *2014 Fourth International Conference on Digital Information and Communication Technology and Its Applications (DICTAP)*, 101–108. <https://doi.org/10.1109/DICTAP.2014.6821665>
- Habiburrahman, M., & Fitriani, E. (2024). Perancangan Deteksi Tingkat Kelayakan Air Minum Menggunakan Fuzzy Logic Control. *JURNAL ZETROEM*, 6(1), Article 1. <https://doi.org/10.36526/ztr.v6i1.3558>
- Hartadi, R. (2022). *Sistem Pendukung Keputusan Pemilihan Jenis Ikan Koi Berdasarkan Kualitas Air Kolam Koi Berbasis IoT Menggunakan Fuzzy Tsukamoto* [Undergraduate, Politeknik Negeri Jember]. <https://sipora.polije.ac.id/11487/>
- Husada, M. G., & Nurhidayat, M. Z. (2020). Fuzzy logic implementation in water quality monitoring and controlling system for fishwater cultivation. *INTERNATIONAL CONFERENCE ON GREEN TECHNOLOGY AND DESIGN (ICGTD)*, 2020, 13–18.
- Indonesia, B. P. S. (n.d.). *Statistik Sumber Daya Laut dan Pesisir 2023*. Retrieved July 10, 2025, from <https://www.bps.go.id/publication/2023/11/30/45b0e0c30911979641959fe5/statistik-sumber-daya-laut-dan-pesisir-2023.html>
- Mariani, L., Pezze, M., Riganelli, O., & Santoro, M. (2012). AutoBlackTest: Automatic Black-Box Testing of Interactive Applications. *2012 IEEE Fifth International*

Conference on Software Testing, Verification and Validation, 81–90.

<https://doi.org/10.1109/ICST.2012.88>

Murachman, N. H., & Soemarno, M. S. (2010). Model polikultur udang Windu (Penaeus Monodon Fab), Ikan Bandeng (Chanos-chanos Forskal) dan Rumput Laut (Gracilaria Sp.) secara Tradisional. *J. Pembang. Dan Alam Lestari*, 1, 1–10.

Nahdi, F., & Dhika, H. (2021). Analisis Dampak Internet of Things (IoT) Pada Perkembangan Teknologi di Masa Yang Akan Datang. *INTEGER: Journal of Information Technology*, 6(1). <https://doi.org/10.31284/j.integer.2021.v6i1.1423>

Nisa, C. (2023, November 30). Kualitas Air Kunci Kesuksesan Akuakultur. *FIKKIA*.
<https://fikkia.unair.ac.id/kualitas-air-kunci-kesuksesan-akuaculture/>

Nurfadhilah, N. (n.d.). *PEMBERDAYAAN PETANI TAMBAK IKAN BANDENG PADA MASA PANDEMI DI KECAMATAN PANGKAJENE OLEH DINAS PERIKANAN KABUPATEN PANGKAJENE DAN KEPULUANAN PROVINSI SULAWESI SELATAN*.

Salim, A. N., & Rahman, A. (2022). Implementasi Fuzzy-Mamdani untuk Pengendalian Suhu dan Kekeruhan Air Aquascape Berbasis IoT. *Jurnal Algoritme*, 2(2), 159–169.
<https://doi.org/10.35957/algoritme.v2i2.2544>

Sari, C. D., & Khoirudin, R. (2023). *PENGARUH SEKTOR PERIKANAN TERHADAP PDB INDONESIA*. 3(1).

Suryana, T. (2021, July 19). *Mengirim Data Hasil Pengukuran Humidity Dan Temperature Sensor Dht11 Dengan Arduino Uno Wifi R3 Atmega328p Esp8266* [Teaching Resource]. <http://kuliahonline.unikom.ac.id/?listmateri/&detail=45642>

- Syambas, N. R., Yosef, I., Situmorang, H., & Nusantara, H. (2014). The development of real time application monitoring system for fishery sea resources in Indonesia. *2014 8th International Conference on Telecommunication Systems Services and Applications (TSSA)*, 1–5. <https://doi.org/10.1109/TSSA.2014.7065940>
- Wang, Y., Rajib, S. M. S. M., Collins, C., & Grieve, B. (2018). Low-Cost Turbidity Sensor for Low-Power Wireless Monitoring of Fresh-Water Courses. *IEEE Sensors Journal*, 18(11), 4689–4696. <https://doi.org/10.1109/JSEN.2018.2826778>
- Wulandari, S. A., Sucipto, A., Rosyady, A. F., Ardana, M. D. R., Cahyono, O. D. P., & Khomarudin, A. N. (2024). Rancang Bangun Sistem Monitoring Kualitas Air Untuk Mendeteksi Keadaan Tidak Normal atau Penyakit Pada Tambak Ikan Mujaer Menggunakan Fuzzy Logic Mamdani Berbasis Mobile. *Technologica*, 3(1), Article 1. <https://doi.org/10.55043/technologica.v3i1.153>
- Zaini, A., Wulandari, D. P., & Wulandari, R. (2020). Data Visualization on Shrimp Pond Monitoring System Based on Temperature, ph, and DO (Dissolved Oxygen) with IoT. *2020 International Conference on Computer Engineering, Network, and Intelligent Multimedia (CENIM)*, 1–6. <https://doi.org/10.1109/CENIM51130.2020.9297851>