

DAFTAR PUSTAKA

- Adriono, R., Dewantoro, P. S., Istanto, D. D., Oktaviani, D., Permana, M. D., & Alfian, R. (2024). Identifikasi sirip ikan hiu menggunakan metode pengolahan citra digital. *Jurnal Kelautan Tropis*, 27(1), 15–27. <https://doi.org/10.14710/jkt.v27i1.47089>
- Allen, G. R., & Erdmann, M. V. (2012). *Reef fishes of the East Indies* (Vols. I–III). Tropical Reef Research. <https://www.tropicalreefresearch.com/research-publications>
- Apriani, Y. D., Rahmawati, N., Astriana, W., & Fatiqin, A. (2021, September). Analisis morfometrik dan meristik ikan genus *Oreochromis* sp. *Prosiding Seminar Nasional Biologi*, 1(1), 412–422. <https://doi.org/10.24036/prosemnasbio/vol1/56>
- Ardiansyah, M. D., Irfansyah, M. R., & Haeril, M. (2023). Implementasi YOLOv5 untuk deteksi dan klasifikasi spesies ikan. *Jurnal Teknologi Informasi dan Komunikasi*, 10(2), 45–52. <https://jurnal.unimal.ac.id/sikomtia/article/view/10822>
- Arduino. (2022). *Arduino IDE 2.0 documentation*. <https://docs.arduino.cc/software/ide-v2>
- Bonfil, R. (2002). *World elasmobranch fisheries*. *FAO Fisheries Technical Paper No. 470*. <http://www.fao.org/3/y5897e/y5897e00.htm>
- Carrier, J. C., Musick, J. A., & Heithaus, M. R. (2010). *Sharks and their relatives II*. CRC Press. <https://doi.org/10.1201/EBK1420080482>
- Bryant, K., & Ananda, R. (2024). *FOMO deployment guide for embedded vision systems*. Edge Impulse Documentation. <https://docs.edgeimpulse.com/docs/edge-impulse-studio/deployment/fomo-models>
- Bryant, M., & Ananda, S. (2024). Monitoring kadar amonia dalam akuarium ikan menggunakan metode verifikasi warna RGB dengan memanfaatkan ESP32-CAM. *Jurnal Infra*. <https://publication.petra.ac.id/index.php/teknik-informatika/article/view/12805>
- Clarke, S. (2004). *Shark product trade in Hong Kong and mainland China and implementation of the CITES shark listings*. TRAFFIC East Asia. <https://www.traffic.org/site/assets/files/9513/shark-product-trade-in-hong-kong-and-mainland-china.pdf>

- Damanhuri, A., Nurhadiyatna, A., Arymurthy, A. M., & Sulisty, S. (2021). Classification of shark species using convolutional neural network. *IOP Conference Series: Materials Science and Engineering*, 1088, 012049. <https://doi.org/10.1088/1757-899X/1088/1/012049>
- Damanhuri, N. S., Zamri, M. F. M., Othman, N. A., Shamsuddin, S. A., Chong, B. C. M., Abbas, M. H., & Ahmad, A. (2021). An automated length measurement system for tilapia fish based on image processing technique. *IOP Conference Series: Materials Science and Engineering*, 1088(1), 012049. <https://doi.org/10.1088/1757-899X/1088/1/012049>
- Dent, F., & Clarke, S. (2015). *State of the global market for shark products*. FAO Fisheries
- Edge Impulse. (2023). *Edge Impulse documentation – Image collector and deployment*. <https://docs.edgeimpulse.com>
- Firdaus, A., Harahap, D. N., & Siregar, I. M. (2025). Sistem klasifikasi ikan air laut menggunakan algoritma CNN berbasis Raspberry Pi. *Jurnal Teknologi dan Sistem Komputer*,
- Islamadina, R., Pramita, N., Arnia, F., Munadi, K., & Iqbal, T. M. (2018). Pengukuran badan ikan berupa estimasi panjang, lebar, dan tinggi berdasarkan visual capture. *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, 7(1), 57–63. <https://journal.ugm.ac.id/v3/JNTETI/article/view/2793>
- Kementerian Kelautan dan Perikanan. (2021). Modul identifikasi karkas hiu dan pari. Direktorat Konservasi dan Keanekaragaman Hayati Laut, Direktorat Jenderal Pengelolaan Ruang Laut, Kementerian Kelautan dan Perikanan. <https://perikanan.org/storage/publications/dhQGb2l60JnDeBWibJ3P63rpb rPMdCKD2qzpWosE.pdf>
- Kumar, P., & Dilip, P. (2022). Real-time shark fin detection using YOLOv5. *International Journal of Scientific Research in Engineering and Management*, 6(7), 1–8. <https://doi.org/10.55041/IJSREM14411>
- Liawatimena, S., Wahyuni, R. A., Yulianti, A., Sari, M. A., & Purnama, A. R. (2023). Deteksi objek dan pengukuran panjang serta berat ikan menggunakan YOLOv3–ResNet18. Dalam *Prosiding Use Cases Artificial Intelligence Indonesia* (hal. 54–60). Badan Riset dan Inovasi Nasional. <https://doi.org/10.55981/brin.668.c554>
- Muhammad, M. Y., Abdullah, N. S., & Zainuddin, R. (2022). Review of Edge AI for embedded systems using TinyML. *International Journal of Advanced*

Computer Science and Applications (IJACSA), 13(6), 561–569.
<https://doi.org/10.14569/IJACSA.2022.0130672>

Natsir, A. M. F. M., Achmad, A., & Hazriani, H. (2023). Klasifikasi ikan tuna layak ekspor menggunakan CNN. *Jurnal Ilmiah Sains dan Teknologi Informasi (JISTI)*, 6(2), 172–183.
<https://journal.jisti.unipol.ac.id/index.php/jisti/article/view/173>

Ramadhani, F. A., Santoso, J., & Nurhadiyatna, A. (2021). Object detection and measurement using edge device and TinyML. *IOP Conference Series: Earth and Environmental Science*, 961, 012035.
<https://doi.org/10.1088/1755-1315/961/1/012035>

Sulaiman, S. U., Wimbang, M. J. W., Futra, A. D., Diono, D., Aryeni, I., & Sani, A. (2023). Sistem monitoring tambak ikan menggunakan ESP32. *Jurnal Aplikasi Elektro dan Elektronika (JAE)*, 8(2), 8742.
<https://doi.org/10.30871/jaee.v8i2.8742>

Suwardono, A., Prahesti, F. E., Indrawati, E. M., & Ashofa, M. A. J. (2023). IoT based catfish farm monitoring. *Jurnal Sains dan Teknologi (JST)*, 13(3), 85996. <https://doi.org/10.23887/jstundiksha.v13i3.85996>

Yevsieiev, S., & Luchaninova, O. (2022). Image recognition system based on YOLOv5 for marine monitoring. *ResearchGate*.
https://www.researchgate.net/publication/359784321_Image_Recognition_System_Based_on_YOLOv5_for_Marine_Monitoring