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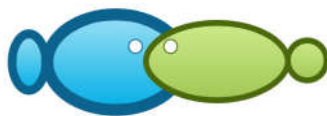
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Alamsah S., Krisnafi Y., Ulath A., Isjafrin D., Sitanggung W., Pramudya H., Afrisal M., Ismail M., Situmorang R. P., Supriyadi, Harryes R. K., 2025 Financial feasibility analysis of the ice plant construction to support capture fisheries activities in the Border Area of Indonesia-Timor Leste, Belu Regency, East Nusa Tenggara. AAAL Bioflux 18(3):1092-1104.

Sahidjan N. I. U., Pedrosa-Gerasmio I. R., Tatil W. T., 2025 Density and species composition: An initial record of the marine macroinvertebrates in Malamawi Island, Isabela City, Basilan Province, Philippines. AAAL Bioflux 18(3):1105-1118.

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Herawati V. E., Novitasari N., Indriati D. A., Subandiyono, Windarto S., 2025 Utilization of fish bone meal as a substitute for fishmeal in artificial feed for Nile tilapia (*Oreochromis niloticus*) juveniles. AAAL Bioflux 18(3):1135-1142.

Rudyk-Leuska N., Potrokhov O., Leusky M., Zinkovskyi O., Khyzhniak M., 2025 The content of cortisol and triiodothyronine in the blood plasma of fish from the middle section of the Kremenchuk Reservoir in Ukraine, during spring and autumn. AAAL Bioflux 18(3):1143-1153.

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- Doan X. N., Tran V. D., Ngo V. M., Pham Q. H., 2025 Effects of astaxanthin supplementation duration on growth and pigmentation in cultured false clownfish *Ampiprion ocellaris* Cuvier, 1830. *AACL Bioflux* 18(3):1325-1335.
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Wijayanto D., Kurohman F., Setyawan H. A., Jayanto B. B., 2025 Research of the exploitation level of greasyback shrimp (*Metapenaeus ensis*) in Kebumen waters. *AACL Bioflux* 18(3):1421-1428.

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Septiyaningsih A., Noviyanti R., Panggabean D., Nazzla R., 2025 Management of torpedo scad (*Megalaspis cordyla*) resources in Palabuhanratu Bay with an ecosystem approach. *AACL Bioflux* 18(3):1495-1508.

Yoswaty D., Hendrik, Yolandika C., Siagian D. R., Sirait P. S., Hutasuhut W. R., 2025 Sustainability of whiteleg shrimp, *Litopenaeus vannamei*, farming business on Sumatera Island, Indonesia. *AACL Bioflux* 18(3):1509-1520.

Em N. T., Viet L. Q., Han D. T. M., Ha N. T. K., Huong D. T. T., Hai T. N., 2025 Influence of stocking density of growth performance, hematological responses and stress indicators

of large-sized hybrid grouper (*Epinephelus fuscoguttatus* female x *Epinephelus lanceolatus* male). AACL Bioflux 18(3):1521-1531.

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Fajriyani D., Anwar K., Munawir A., 2025 Analysis of fisheries laboratory management strategies for enhancing laboratory quality standards to support fishery product quality assurance and safety systems: a case study at the Fish Quarantine and Fishery Product Quality Testing Center. AACL Bioflux 18(3):1577-1592.

Kissae A.-N. H., Sarri J. H., Amlani M. Q., Jumsali M. H., Jamil W. M., Imbuk E. S., Jalilul J. M., Jeva M. A., Hairol M. D., 2025 Incorporation of salinity and AMPEP concentration in nutrient medium on dry weight, cell density, growth response, and pigment accumulation of *Nannochloropsis* sp. culture. AACL Bioflux 18(3):1593-1604.

Sarri J. H., Ajik K. O., Lauhari M. I., Sarih A. N., Saddae A. S., Imbuk E. S., Jalaide A. T., Araman L. O., 2025 Market sales practices and socioeconomic importance of gastropods and bivalves during the Ramadan market trend in Tawi-Tawi, Southern Philippines. AACL Bioflux 18(3):1605-1617.

Mustikasari D., Lestari T. R., Ekawandani N., 2025 The presence of *Aplocheilus panchax* (Hamilton, 1822) in rice fields from Purwokerto, Central Java, Indonesia. AACL Bioflux 18(3):1618-1630.

Yoshida Y., Saville R., Hatanaka K., Maruoka A., Wada M., Shimoguchi N. N., 2025 Development of suitability index for seaweed culture in Indonesia: case study of Seriwu Bay, Lombok Island, Indonesia. AACL Bioflux 18(3):1631-1642.