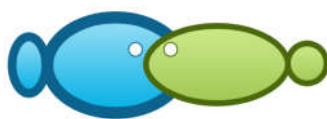


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Efendi D. S., Adrianto L., Yonvitner, Wardiatno Y., Agustina S., 2020 The performance of stock indicators of grouper (Serranidae) and snapper (Lutjanidae) fisheries in Saleh Bay, Indonesia. AAAL Bioflux 13(5):2431-2444.

Sari L. D., Fadjar M., Widodo M. S., Lutfiatunnisa, Valen F. S., 2020 Growth analysis of Asian seabass (*Lates calcarifer* Bloch 1790) based on Morphometrics in BPBAP Situbondo, East Java. AAAL Bioflux 13(5):2445-2451.

Ndobe S., Yasir I., Salanggon A. I. M., Wahyudi D., Ederyan, Muslihudin, Renol, Adel Y. S., Moore A. M., 2020 Eucheumatoid seaweed farming under global change - Tomini Bay seaweed trial indicates *Eucheuma denticulatum* (spinosum) could contribute to climate adaptation. AAAL Bioflux 13(5):2452-2467.

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Longdong F. V., Mantjoro E., Kepel R. C., Budiman J., 2020 Adaptation strategy of Bitung fishermen to the impact of fisheries Moratorium policy in Indonesia. AAAL Bioflux 13(5):2477-2496.

Zainuddin, Aslamyah S., Nur K., Hadijah, 2020 Substitution of sweet potato flour and corn starch to the growth, survival rate, feed conversion ratio and body chemical composition of juvenile *Litopenaeus vannamei*. AAAL Bioflux 13(5):2497-2508.

Leilani A., Restuwati I., 2020 Analysis of the benefits of information and communication technology in extension activities in the District and City of Cirebon, West Java Province, Indonesia. AAAL Bioflux 13(5):2509-2521.

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- Wijayanto D., Bambang A. N., Nugroho R. A., Kurohman F., 2020 The growth model of *Eucaeroides cottonii* cultivated in Karimunjawa Islands, Indonesia. *AACL Bioflux* 13(5):2551-2557.
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- Huda M. A., Sunarno M. T. D., Nurhudah M., 2020 Potential addition of black soldier fly carcass meal in sangkuriang catfish (*Clarias gariepinus*) feed formulation. *AACL Bioflux* 13(5):2567-2576.
- Haeruddin, Supriharyono, Rahman A., Ghofar A., Iryanthony S. B., 2020 Spatial distribution and heavy metal pollution analysis in the sediments of Garang watershed, Semarang, Central Java, Indonesia. *AACL Bioflux* 13(5):2577-2587.
- El Fajri N., Sukendi, Syafriadiman, Windarti, Yusuf M., 2020 Sustainability assessment of swamp ecosystem management in Sawah village, Kampar Regency, Riau. *AACL Bioflux* 13(5):2588-2598.
- Mojumder N., Saha D., Utsa S. S., Maruf M. K. K., Paul S. K., 2020 Biology of the endangered queen loach (*Botia dario*) collected from wild sources in Bangladesh. *Bioflux* 13(5):2599-2609.
- Setiyono J., Azhar M., Solechan, Trihastuti N., Hakim A. R., 2020 Justification of the ship-sinking policy in the territorial jurisdiction of Indonesia. *AACL Bioflux* 13(5):2610-2618.
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- Ratunil V. B. Jr., Gamboa G. Z. Jr., Ebarsabal G. A., 2020 Does the peak spawning activity of *Glossogobius giuris* in Lake Mainit occur in the early months of a year? *AACL Bioflux* 13(5):2657-2663.
- Fahmy A. F., El-Greisy Z. A., Moharram S. G., 2020 Impact of hormonal manipulation on egg quality of *Diplodus sargus*: comparative ultrastructural changes. *AACL Bioflux* 13(5):2664-2675.

- Rundupadang S. S., Mallawa A., Kurnia M., 2020 Effectiveness of milkfish (*Chanos chanos*) live bait from aquaculture versus live bait from nature in pole and line fisheries. *AACL Bioflux* 13(5):2676-2686.
- Pandelaki L., Rompas R. M., Rembet U. N. W. J., Wantasen A. S., Gerung G. S., Ngangi E. L. A., 2020 Economic value of seagrass ecosystem in Nain Island, South Minahasa Regency, North Sulawesi, Indonesia. *AACL Bioflux* 13(5):2687-2693.
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- Rachmawati D., Hutabarat J., Samidjan I., Windarto S., 2020 Utilization of papain as feed additive in the fish feed on activity of digestive enzymes, contents of nutrient and minerals of Sangkuriang catfish (*Clarias gariepinus* var. Sangkuriang). *AACL Bioflux* 13(5):2738-2744.
- Muskananfolo M. R., Purnomo P. W., Sulardiono B., 2020 Impacts of environmental factors on macrobenthos distribution and abundance in mangrove ecosystems on the Northern Coast of Java. *AACL Bioflux* 13(5):2745-2756.
- Rifqi M., Widigdo B., Mashar A., Nazar F., Wardiatno Y., 2020 Strategy to gain the target of shrimp production on Karawang District coastal area. *AACL Bioflux* 13(5):2757-2769.
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- Paransa D. J., Mantiri D. M. H., Kepel R. C., Rumengan A., 2020 Pigment concentration of red algae, *Kappaphycus alvarezii* (Doty) Doty ex Silva during the cultivation in the coastal waters of Nain Island, North Sulawesi, Indonesia. *AACL Bioflux* 13(5):2788-2797.
- Purnomo A. H., Subaryono, Utomo B. S. B., Paul N., 2020 Institutional arrangement for quality improvement of the Indonesian *Gracilaria* seaweed. *AACL Bioflux* 13(5):2798-2806.
- Dangeubun J. L., Letsoin P. P., Syahailatua D. Y., 2020 Growth of *Nannochloropsis sp.* in culture media enriched with shrub-like annual *Clerodendrum minahassae* leaf extract. *AACL Bioflux* 13(5):2807-2815.
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- Lutfiatunnisa, Widodo M. S., Faqih A. R., Sari L. D., Valen F. S., 2020 Molecular approach for identification of Asian seabass (*Lates calcarifer* Bloch 1790) based on COI gene sequence from Java, Indonesia. *AACL Bioflux* 13(5):2828-2834.
- Picaulima S. M., Wiyono E. S., Baskoro M. S., Riyanto M., 2020 Fleets dynamics of small-scale fisheries in eastern Kei Kecil Island, Maluku Province, Indonesia. *AACL Bioflux* 13(5):2835-2851.
- Parvez I., Mahajebin T., Barman T. R., Khan N., Chhanda M. S., Alam M. A., 2020 Evaluation of body shape variation of indigenous and exotic *Anabas testudineus* (Bloch, 1792) in Bangladesh by geometric morphometric analyses. *AACL Bioflux* 13(5):2852-2858.
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- Arsad S., Sari L. A., Suherman S. P., Cahyani D., Nadhira T., Yulinda E. N., Musa M., Lusiana E. D., Prasetya F. S., 2020 Utilization of tofu wastewater as *Chlorella pyrenoidosa* growth medium. *AACL Bioflux* 13(5):2878-2885.
- Aradiansyah, Amrullah, Dahlia, Jaya A. A., Indrayani, Wahidah S., Hamal R., Jabbar F. B. A., 2020 The selected facultative mixotrophic sulphur-oxidizing bacteria from intensive shrimp ponds. *AACL Bioflux* 13(5):2886-2896.
- Paulus C. A., Soewarlan L. C., Ayubi A. A., 2020 Distribution of marine debris in mangrove ecotourism area in Kupang, East Nusa Tenggara, Indonesia. *AACL Bioflux* 13(5):2897-2909.
- Turismo B. E., Mahmudah S., Yunanto, 2020 The regulation and policy models of Pekalongan Local Government toward mangrove conservation. *AACL Bioflux* 13(5):2910-2920.
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Latiu C., Cocan D., Uiuu P., Matei M. C., Constantinescu R., Heghedus C., Ihut A., Raducu C., Nicula A. S., Miresan V., 2020 Prespawning and postspawning hematological parameters and oxidative stress biomarkers of brown trout (*Salmo trutta*) (Pisces: Salmonidae), from Somesul Cald River. *AACL Bioflux* 13(5):2993-3003.

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Suratip N., Klahan R., Charoenwattanasak S., Yuangsoi B., 2020 Dietary methionine optimization for the growth performance, nitrogen utilization and proteolytic enzymes activities of snakehead (*Channa striata*) fingerlings. *AACL Bioflux* 13(5):3056-3067.

Putra D. F., Ulfa M., Zahara S., Abbas M. A., Nasir M., Othman N., 2020 Biological aspects of shrimps *Penaeus merguensis* and *Exopalaemon styliferus* in Nagan Raya coast, Aceh Province, Indonesia. *AACL Bioflux* 13(5):3068-3077.

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Sayuti M., Kadarusman, Hismayasari I. B., Suhermanto A., Sofian A., Abadi A. S., Ernawati, Saidin, 2020 Chemical composition of Sentani gudgeon (*Oxyeleotris heterodon*). *AACL Bioflux* 13(5):3155-3162.

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CABI is a not-for-profit international organization that improves people's lives by providing information and applying scientific expertise to solve problems in agriculture and the environment. Their mission and direction is influenced by their member countries who help guide the activities they undertake. These include scientific publishing, development projects and research, and microbial services. 2010 marked 100 years of CABI. Since its beginnings as an entomological committee in 1910, it then developed into a Commonwealth organization before becoming a truly international service in agricultural information, pest identification and biological control in the mid 1980s.

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