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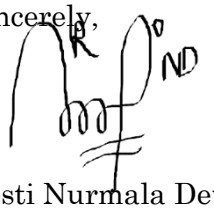
Dear Editor-in-Chief,
Indonesian Fisheries Research Journal

For your consideration, we hereby submit our manuscript, "**Potential of *Spirulina sp.* for Remediating Pollutants in Aquaculture Wastewater and Producing Phycocyanin**", for publication in the Indonesian Fisheries Research Journal. This paper had been presented in **the 10th International Conference on Fisheries and Aquaculture (ICFA) 2023**. Currently, the sustainability of aquaculture wastewater treatment is challenging because it has a negative impact on the ecosystem if directly discharges to the environment. Aquaculture wastewater consists of high pollutants loading such as ammonia, phosphor, nitrate, and chemical oxygen demand. To offset the downsides of aquaculture effluent, effective solutions are required. *Spirulina sp.* is as microalgae that convert nutrients in the wastewater and dissolve carbon into microbial biomass with value such as phycocyanin which can be employed as food, cosmetics, feed, and pharmacy feedstock. The effects of light intensity (6,000 - 10,000 lux) and urea addition (20-100 ppm) on biomass production, COD reduction, and phycocyanin yield were investigated in this study. The outcomes of this study highlight the potential of aquaculture effluent to produce valuable microalgal biomass and phycocyanin, which can be used to generate lucrative products.

We believe these findings will be a significant contribution and inspire marine and fisheries community. For these reasons, we feel that our first attempt and exciting first results are well suited for a publication through Indonesian Fisheries Research Journal. Herewith we also state that the work is an original research carried out by the author. Likewise, we confirm that the work has not been submitted simultaneously to another journal for consideration. We look forward to your review and a positive reception of our manuscript.

Sincerely,



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