Dear Editor-in-Chief

Jurnal Riset Akuakultur (JRA)

With great respect, I would like to submit our original research manuscript entitled “Evaluation of Stocking Density of Vaname Shrimp (Litopenaeus vannamei) and Sea Grape (Caulerpa sp.) Using Polyculture System” for possible publication in Jurnal Riset Akuakultur (JRA). This manuscript presents a study conducted at the Teaching Factory of Aquaculture, Kupang Marine and Fisheries Polytechnic, which investigates the impact of different shrimp stocking densities in a polyculture system with Caulerpa sp. on growth, survival, water quality, and chlorophyll content.

To the best of our knowledge, this is one of the first studies to evaluate the integration of Litopenaeus vannamei and Caulerpa sp. in a controlled polyculture system in Eastern Indonesia. The novelty of this work lies in demonstrating how low-density shrimp stocking can enhance both shrimp survival and seaweed productivity, while simultaneously improving water quality, making it a sustainable and practical model for environmentally friendly aquaculture aquaculture, particularly for coastal communities in Indonesia.

This manuscript is original, has not been published before, and is not currently being considered for publication elsewhere. All authors have read and approved the manuscript and have no conflicts of interest to declare.

We believe the findings presented in this manuscript are relevant and of interest to readers of Jurnal Riset Akuakultur, particularly those engaged in sustainable aquaculture practices, polyculture innovation, and marine resource management.

Thank you very much for your time and consideration. We look forward to the opportunity of contributing to your esteemed journal.

Sincerely,

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