Dear Editor-in-Chief, Jurnal Riset Akuakultur

We wish to submit an original research article entitled “Correlation Between Microplastic Abundance and Histopathological Damage in Gills and Intestines of Whiteleg Shrimp (Litopenaeus vannamei) In Probolinggo, East Java” for publication consideration in the Jurnal Riset Akuakultur.

We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, we report the increasing presence of microplastic (MPs) contamination in shrimp ponds poses a serious threat to the health of whiteleg shrimp (Litopenaeus vannamei). This study aimed to analyze the relationship between microplastic abundance in gill and intestinal organs and the level of histopathological damage in L. vannamei cultivated in Probolinggo, East Java. These findings indicate that MPs significantly contribute to structural damage in the respiratory and digestive organs of shrimp. This study emphasizes the need for proper management of microplastic pollution in sustainable aquaculture systems.

Therefore, we believe this manuscript fits the focus and scope of your journal.

20 Mei 2025

Sincerely,

First/Corresponding Author



Andhika Farras Rahardian Putra