

### Review Form 3

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_127651
Title of the Manuscript:	Effects of Microplastics in Fishes of Hooghly River, India.
Type of the Article	Research Article

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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**Review Form 3**

**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	<b>The study on the effects of microplastics in fishes of the Hooghly River, India, addresses a critical and emerging environmental issue with significant ecological, economic, and human health implications. The presence of microplastics in aquatic environments has become a global concern, and understanding its impact on fish populations in the Hooghly River is crucial for several reasons</b>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>"Assessing the Effects of Microplastics on Fish Populations in the Hooghly River, India"</b>	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	<b>Yes</b>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	<b>Yes</b>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<p>Incorporating these improvements will provide readers with a better understanding of both the study's context and the data itself. More detailed and informative figures can enhance the communication of complex findings and make the study more accessible.</p> <p>"Microplastics in Biota"</p> <p>While the paper focuses on microplastic contamination in surface waters of the River Sabaki Estuary, it would be beneficial to highlight that microplastics are also found in the biota of aquatic environments, such as fish, invertebrates, and other marine organisms. This is crucial because the bioaccumulation of microplastics in biota can have significant ecological and human health implications.</p> <p>To strengthen the study's broader relevance, I suggest that the authors add a brief mention of this issue, supported by the reference:</p> <p>"The occurrence of microplastics in marine organisms and their potential impacts on food chains and human health has been widely documented. For instance, a study by [Author(s)] (2023) highlights microplastic contamination in various marine species, emphasizing the need for more comprehensive monitoring of biota."</p> <p>Reference: <a href="https://doi.org/10.21077/ijf.2023.70.2.132270-12">https://doi.org/10.21077/ijf.2023.70.2.132270-12</a>.</p>	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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