



Name:	UTTAR PRADESH JOURNAL OF ZOOLOGY
Manuscript Number:	Ms_UPJOZ_3176
Title of the Manuscript:	Microplastics: Impacts on Environment & Human Health Hazards
Type of the Article	Review Article

General guideline:

This journal believes that no manuscript should be rejected only on the basis of 'lack of Novelty', provided the manuscript is sufficiently robust and technically sound. Too often a journal's decision to publish a paper is dominated by what the Editor/reviewer think is interesting and will gain greater readership - both of which are subjective judgments and lead to decisions which are frustrating and delay the publication. This journal will rigorously peer-review your submissions and publish all papers that are judged to be technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://mbimph.com/index.php/UPJOZ/editorial-policy>)



1: Review Comments

	Reviewer's comment	Author's feedback
<p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community?</p> <p>(Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable?</p> <p>(If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional</u></p>	<p>Yes, but there is a quantity of information that can be more explores</p> <p>Yes</p> <p>Yes</p> <p>Yes, but in the conclusion should clarified that the microplastics exists because of inappropriate discarded of plastics in the environment and the people should be informed about it, only minimize the plastic formation, is not enough, the people should consume and discarded it appropriated.</p> <p>The references should be more recent.</p> <p>The paper must contain more recent references, should be added other references from 2022 and 2023</p> <p>yes</p>	<p>Complete paper (Text & References) is revised as per the standard format of Review Paper. Revised text is highlighted with Yellow colour.</p> <p>Conclusion is revised as per the suggestions of the Reviewer.</p> <p>Recent References were added in the text. Recent References Added.</p> <p>1. Badore Margaret, 2021. Easy Ways to Reduce Your Plastic Waste Today. https://www.treehugger.com/easy-ways-reduce-</p>

<p><u>suggestions/comments)</u></p>		<p>your-plastic-waste-today-4858814. Accessed on 27th January 2024.</p> <p>2. Maurya A, Bhattacharya A, Khare SK. Enzymatic Remediation of Polyethylene Terephthalate (PET) – Based Polymers for Effective Management of Plastic Wastes: An Overview. <i>Front. Bioeng. Biotechnol.</i> 2020. 8:602325. doi: 10.3389/fbioe.2020.602325.</p> <p>3. Rellan Adriana García, Diego Vázquez Ares, Constantino Vázquez Brea, Ahinara Francisco López, Pastora M. Bello Bugallo. Sources, sinks and transformations of plastics in our oceans: Review, management strategies and modelling. <i>Science of the Total Environment.</i> 2023. 854: 158745. http://dx.doi.org/10.1016/j.scitotenv.2022.158745.</p> <p>4. Ronkay F., B. Molnar, D. Gere, T. Czigany. Plastic waste from marine environment: Demonstration of possible routes for recycling by different manufacturing technologies. <i>Waste Management.</i> 2021. 119: 101–110. https://doi.org/10.1016/j.wasman.2020.09.029.</p> <p>5. Roy Poritosh, Amar K. Mohanty, Manjusri Misra. Microplastics in ecosystems: their implications and mitigation pathways. <i>Environ. Sci.: Adv.</i>, 2022, 1: 9-29. DOI: 10.1039/d1va00012h.</p> <p>6. Sitharam TG. Contaminants in Drinking and Wastewater Sources Challenges and Reigning Technologies. In Kumar Manish, Daniel D. Snow, Ryo Honda, Santanu Mukherjee (Eds) . Springer Transactions in Civil and Environmental Engineering. 2021. pp. 448. ISBN 978-981-15-</p>
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		<p>4598-6 ISBN 978-981-15-4599-3 (eBook) https://doi.org/10.1007/978-981-15-4599-3.</p> <p>7. Thakur S, Mathur S, Patel S, Paital B. Microplastic Accumulation and Degradation in Environment via Biotechnological Approaches. Water 2022, 14, 4053. https://doi.org/10.3390/w14244053.</p> <p>8. Ziani K, Ionita Mindrican C-B, Mititelu, M, Neacsu SM, Negrei C, Morosan E, Draganescu D, Preda O-T. Microplastics: A Real Global Threat for Environment and Food Safety: A State of the Art Review. Nutrients. 2023, 15, 617. https://doi.org/10.3390/nu15030617.</p>
Minor REVISION comments	yes	
Optional comments		

PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	