

Name:	UTTAR PRADESH JOURNAL OF ZOOLOGY
Manuscript Number:	Ms_UPJOZ_4600
Title of the Manuscript:	Marine Debris: A Global Environmental Challenge to Coastal Diversity
Type of the Article	Review Article

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PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	Author's Feedback (<i>Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here</i>)
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.	<ul style="list-style-type: none"> The manuscript, as a literature review, presents an excellent bibliographic compilation on the different impacts of marine litter on both the ecosystem and its biota and on humans (e.g., socioeconomic effects and health risks). The manuscript covers all possible topics on the subject of pollution, its impact on marine ecosystems and their biota, and on humans. 	

	<ul style="list-style-type: none"> The manuscript presents recent information on the reviewed material, addressing pollution issues from recent decades (e.g., impacts on coastal communities and tourism due to loss of landscape quality). 	
Is the title of the article suitable? (If not please suggest an alternative title)	<ul style="list-style-type: none"> Yes, the title of the article is appropriate. 	
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.	<ul style="list-style-type: none"> The abstract is complete, covers all the topics discussed throughout the review, and its conclusion is consistent with the research objective. I don't suggest any changes. 	
Is the manuscript scientifically, correct? Please write here.	<ul style="list-style-type: none"> Yes, they are appropriate. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<ul style="list-style-type: none"> The bibliographic review is sufficient and recent. 	

Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none"> Yes, it is suitable. 	
Optional/General comments	<ul style="list-style-type: none"> The introduction provides up-to-date information on the impacts of marine litter; however, some sections remain quite general. To further enrich the discussion on the effects of marine litter on ecosystem biota, I suggest incorporating information from the Litterbase platform. For example, this resource reports that 4,076 species of microbes, plants and animals have shown interaction or impact with marine litter. Here is the reference link: https://litterbase.awi.de/interaction_detail. Also, regarding the types and categories of marine litter, it would be beneficial to include a reference to the OSPAR Commission (2010). This internationally standardized guideline provides methodologies for monitoring marine litter, it could complement the citations from Galgani et al (2010) and UNEP (2016). Here is the reference link: https://www.ospar.org/ospar-data/10-02e_beachlitter%20guideline_english%20only.pdf. <p>I hope these suggestions will help to further improve the manuscript.</p> <p>There are no ethical issues to mention.</p>	<p>As per Reviewers suggestions, following references were quoted in the manuscript.</p> <ol style="list-style-type: none"> 1. Bergmann Melanie, Mine B Tekman. LITTERBASE: An Online Portal for Marine Litter and Microplastics and Their Implications for Marine Life. In book: Fate and Impact of Microplastics in Marine Ecosystems, 2017; pp.106-107. DOI:10.1016/B978-0-12-812271-6.00104-6. 2. OSPAR (The Convention for the Protection of the Marine Environment of the North-East Atlantic). Quality Status Report 2010. OSPAR Commission. London. 2010; pp. 176 pp.

PART 2:

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