

Name:	UTTAR PRADESH JOURNAL OF ZOOLOGY
Manuscript Number:	Ms_UPJOZ_4546
Title of the Manuscript:	BIOACCUMILATION OF HEAVY METALS IN FISH LIZA PARSIA (Hamilton, 1822), FROM KAYAMKULAM ESTUARY
Type of the Article	

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that</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	Trends of metals (<i>As, Cd, Cu, Pb & Hg</i>) accumulation in water and different parts of the particular fish (<i>Liza parsia</i>) are informed from the study area (Kayamkulam estuary). Metals concentrations in different body parts are also informed. Researchers may estimate Human Health Risk assessment from this study.	
Is the title of the article suitable? (If not please suggest an alternative title)	OK	
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.	In 8 th & 9 th line, the terms pre monsoon season & post monsoon season are more suitable instead of warmer months & colder months . Whole paragraph is seen as align text left , which must be in justify .	
Is the manuscript scientifically, correct? Please write here.	Some minor corrections are necessary which i have mentioned in Optional/General comments.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention	Though the study period was from August, 2022 to July, 2023 but most current reference is from 2015. Please provide some references from 2020 to backward.	

Is the language/English quality of the article suitable for scholarly communications?	Suitable for scholarly communications.	
<u>Optional/General</u> comments	<p><u>Study area:</u></p> <ol style="list-style-type: none"> 1) Please indicate the Site 1 to 4 in Fig. 1. 2) Mention the GPS location of each site. <p><u>Sample preparation:</u></p> <ol style="list-style-type: none"> 1) Please mention the average total length (cm) and total weight (gm) of the collected fishes. 2) Mention the numbers of fishes and volume of water collected in each sampling. 3) Mention the final weight of fish samples (liver, gill & muscles) and final volume of the water samples were taken for digestion. 4) Mention the name of acids which are used for fish and water digestion. 5) Mention the model number of AAS made of Perkin Elmer. 6) Mention the R² value of the Standards calibration curve. <p><u>Results:</u></p> <ol style="list-style-type: none"> 1) In 2nd line no need to write Fig.2. Is there any Fig.2 in whole manuscript? 2) Mention the unit(mg/L) of heavy metals concentration in water in Table.1. 3) Mention the unit(mg/kg) of heavy metals concentration in fish body parts in Table.2. 4) In 4th line must correct the spelling of Accumulation. <p><u>Discussion:</u></p> <ol style="list-style-type: none"> 1) Mention the standard reference limits (BIS/WHO/USEPA/FDA) of each analysed metals in water and fish muscle. <p>A general assessment work has been done to find out the metals concentration present in the water and fish of the targeted area. Sentence formation is simple and easy to</p>	

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>	

Reviewer Details:

Name:	Lokenath Chakraborty
Department, University & Country	ICAR-Central Inland Fishery Research Institute, India