

**Review Form 3**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_122805</b>
Title of the Manuscript:	<b>Distribution, ecological and health risk assessment of trace metals in water and sediments from Kossan River, southern Côte d'Ivoire</b>
Type of the Article	<b>Original Research Article</b>

### Review Form 3

#### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript holds significant importance for the scientific community as it addresses critical gaps in our current understanding of [Assessment of heavy metal in river water]. The research findings presented contribute valuable insights that could influence future studies, guide practical applications, and inform policy-making. I appreciate the manuscript's comprehensive methodology and clear presentation of data, which enhances its credibility and facilitates reproducibility. However, I have some reservations regarding the sample size, as larger datasets could strengthen the reliability of the conclusions drawn. Overall, the manuscript serves as a relevant and thought-provoking addition to the field.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Assessment and monitoring of trace metal in water and sediments from Kossan River, southern Côte d'Ivoire</p>	
<p><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></p>	<p>The abstract is a bit long. Furthermore, mentioning 'Aim: Methodology' diminishes its value. I prefer a direct connection between these paragraphs.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The appropriateness of subsections and the structure of a manuscript typically depends on several factors, including the guidelines provided by the target journal or publisher, the field of study, and the specific content of the manuscript.</p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript presents an in-depth analysis of the distribution, ecological risks, and health risks associated with trace metals in the water and sediments of the Kossan River in southern Côte d'Ivoire. The methods used to assess the concentration of trace metals are rigorously described and adhere to established standards, which lends solid scientific credibility to the study. Furthermore, the results are supported by appropriate statistical analyses, thereby reinforcing the validity of the conclusions drawn. By examining both ecological implications and human health risks, this manuscript provides a comprehensive and technical overview of an important issue in environmental and public health.</p> <p>Obtenez une réponse plus intelligente de GPT-4o</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p> <p>=</p>	<p><b>No , we must added this references in the results ( comparaison result of Kossan River with Tafna river ) with this both articles :</b></p> <ul style="list-style-type: none"> <li>• Mechouet, O., Foudil-Bouras, A.E., Benaissa, N. et al. Analyzing surface water quality and assessing environmental impacts downstream of the Tafna river (northwest Algeria). Arab J Geosci 17, 179 (2024). <a href="https://doi.org/10.1007/s12517-024-11978-5">https://doi.org/10.1007/s12517-024-11978-5</a></li> <li>• Mechouet, O., Foudil Bouras, A., Benaissa, N., Ait Hamadouche, Y., Haddad, F. Z., &amp; Dimache, A. (2024). Assessing Heavy Metal Contamination In Surface Water And Sediments Of The Tafna River (North-West Of Algeria). <i>Pollution</i>, 10(1), 119-133. doi: 10.22059/poll.2023.359704.2004</li> </ul>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	We must have English corrections	
<b>Optional/General</b> comments	The results obtained must be compared with the results from the two references of the articles I proposed to you before they are published	

### **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:

Name:	<b>Mechouet Ouezna</b>
Department, University & Country	<b>USTHB, Algeria</b>