

Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_92592
Title of the Manuscript:	DISTRIBUTION AND HUMAN HEALTH RISK ASSESSMENT OF HEAVY METALS IN TISSUES OF CALLINECTES SAPIDUS FROM IKO RIVER, AKWA IBOM STATE, NIGERIA
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajee.com/index.php/AJEE/editorial-policy>)

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PART 1: Review Comments

	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)
Compulsory REVISION comments		
Minor REVISION comments	<p>My comments</p> <p>Thank you very much for giving me the chance to cooperate with your respected journal in reviewing this interesting work.</p> <p>The work dealing with "Distribution and Human Health Risk Assessment of Heavy Metals in Tissues of Callinectes Sapidus from Iko River, Akwa Ibom State, Nigeria". This work is very important for readers to improve their awareness of the toxicity of heavy metals.</p> <p>The paper is carefully prepared but for more benefits of this work, some comments must be fixed before the publication of this paper.</p> <ol style="list-style-type: none">1. The title is too long. Please make it shorter.2. The introduction is well written and covered the period from 1981 to 2020 and this literature is not satisfactory, some recent and related references on pollutants and its treatments must be increased to improve and enrich the manuscript. <ul style="list-style-type: none">• Ibrahim Abdelfattah, Wael Abdelwahab, Ashraf El-Shamy, Montmorillonitic clay as a Cost-Effective, Eco Friendly and Sustainable Adsorbent for Physicochemical Treatment of Contaminated Water, Egypt. J. Chem. 65(2): 687 - 694 (2022). DOI: 10.21608/ejchem.2021.92320.4378• Samar M. Mounair, Ali M. El-Hagrassi, Ashraf M. El-Shamy. A Review on the Chemical Compositions of Natural Products and Their Role in Setting Current Trends and Future Goals Egypt. J. Chem. 2022; 65(5): 491-506. DOI: 10.21608/ejchem.2021.95577.4486• Ibrahim Abdelfattah, Fathy A. El Saied, Ali A. Almedolab, A. M. El Shamy, (2022). Biosorption as a Perfect Technique for Purification of Wastewater Contaminated with Ammonia, Applied Biochemistry, and Biotechnology, 1-30. https://doi.org/10.1007/s12010-021-03794-4• I. Abdelfattah, M. E. Abuarab, E. Mostafa, M. H. El-Awady, K. M. Aboelghait, A. M. El-Shamy, (2022) Integrated system for recycling and treatment of hazardous pharmaceutical wastewater, International Journal of Environmental Science and Technology, 1-10. https://doi.org/10.1007/s13762-022-04269-7• A. M. El-Shamy, A. Abdo, E. A. M. Gad, A. A. Gado, E. El-Kashef, (2021). The consequence of magnetic field on the parameters of brackish water in batch and continuous flow system, Bull Natl Res Cent 45, 105. https://doi.org/10.1186/s42269-021-00565-3• M. F. Shehata, S. El-Shafey, N. A. Ammar, A. M. El-Shamy, (2019). Reduction of Cu⁺² and Ni⁺² ions from wastewater using mesoporous adsorbent: effect of treated wastewater on corrosion behavior of steel pipelines, Egypt. J. Chem. 62(9), 1587-1602. DOI: 10.21608/ejchem.2019.7967.1627• Emad El-Kashef, A. M. El-Shamy, Ahmed Abdo, Elshafie A. M. Gad and Amr A. Gado, (2019). Effect of Magnetic Treatment of Potable Water in Looped and Dead-End Water Networks, Egypt. J. Chem. 62(8), 1467-1481. DOI: 10.21608/ejchem.2019.7268.1595• A. M. El-Shamy, Ibrahim Abdelfattah, Ola I. Elshafie, M. F. Shehata, (2018). Potential removal of organic loads from petroleum wastewater and its effect on the corrosion behavior of municipal networks, J. Environ. Management, 219, 325-331. https://doi.org/10.1016/j.jenvman.2018.04.074• A. M. El-Shamy, H. A. El-Boraey, H. F. El-Awdan, (2017). Chemical Treatment of Petroleum Wastewater and its Effect on the Corrosion Behavior of Steel Pipelines in Sewage Networks, J. Chem. Eng. Process Technol. 8(324), 1-9. DOI: 10.4172/2157-7048.1000324• A. M. El-Shamy, Hala K. Farag, W. M. Saad, (2017). Comparative Study of Removal of Heavy Metals from Industrial Wastewater Using Clay and Activated Carbon in Batch and Continuous Flow Systems, Egyptian Journal of Chemistry 60(6), 1165-1175. DOI: 10.21608/ejchem.2017.1606.1128• Abd El-Naby M. Saad, Ikhlas M. Abass, Samir M. Badr El-Din, Fatma H. Mohamed, A. M. El-Shamy, (1997). Use of Fungal Biomass in Batch and Continuous Flow Systems for Chromium (VI) Recovery. The African Journal of Mycology and Biotechnology. 5(1), 37-47.	

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	<p>3. The experimental work is well written and easy to understand because it contains all the required information.</p> <p>4. The results are promising, and I have no comments about this part of the research. The figures are acceptable</p> <p>5. The conclusion part is well written, but there are a lot of editing and grammatical mistakes in the manuscript. Please see the attached revised manuscript.</p> <p>6. The references are listed according to the requirements of the journal. Please update the recent references.</p> <p>My decision is: acceptance with minor revision</p> <p>Please check the editing and grammatical errors and update the recent and related references.</p>	
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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