



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_45308
Title of the Manuscript:	Levels, Spatial and Seasonal Distribution of Polybrominated Diphenyl Ethers (PBDEs) in Water, Sediments and Sarotherodon melanotheron from Ologe Lagoon
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	Separate all number/results from their measurement units eg line 16-19 Improve the resolution of figure all your figures. Use equation editor for all equations. If Nigeria has PBDE standard add it but if not also indicate UNICEF/WHO benchmark If any reference had DOI, please add it. Statistical approach was faulty.....the manuscript had 3 sampling points, 3 parameters of water/sedimenet/fish and also seasonal factors.....I suggest a two way Anova would best capture data than one way Anova.	This has been done. PBDEs are emerging contaminants therefore, several regulatory agencies have not yet set threshold limits for abiotic and biotic matrices used in this study. The correction has been made. Two-way Anova with Duncan's Multiple Range Test was used to determine the significance of differences.
Minor REVISION comments	Line 30: Give full meaning at 1st mention Line 49: categorize the companies eg chemical, cosmetics etc . hence it will connect line 224. Line 50: add It is "therefore" Line 52: "to assess the spatial and seasonal distributin of PBDE in water and sediments from Ologe Lagoon using Sarotherodon melanotheron bioindicator" Line 66: where exactly are sample collection points? Is it upstream, midstream, headstream or indicate in the map. What distance was separating the sampling points? Line 72: "Fishes" Line 82: use gm Line 118: to improve readability.....first sentence should describe what is congeners and what it is used for/applied Line 124: are u referring to the present work or some other research?. Line 128: who? Same researcher of different researchers? Line 163: there was less Line 165: been/being is missing? Line 199: which of the table? Line 226: safe for human consumption with regard to PBDE level Line 223: use "may" Line 225: your result cannot be a public suspicion. Use "research findings" Line 22: add "treatment" Line 23: "urban surface run-offs and water bodies"	All corrections have been made and highlighted in the manuscript.
Optional/General comments	Place figure 4 & 6 side by side for easy comparison Place figure 5 & 7 side by for easy comparison Place figure 8 & 9 side by side for easy comparison The ANOVA only described the P-value. What of F-critical & F-calculated?	All corrections have been made and highlighted in the manuscript.

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>	