



**SDI Review Form 1.6**

Journal Name:	<b><u>Journal of Geography, Environment and Earth Science International</u></b>
Manuscript Number:	<b>Ms_JGEESI_20333</b>
Title of the Manuscript:	<b>Geochemical and statistical approach to assessing trace metal accumulations in Lagos Lagoon Sediments</b>
Type of the Article	<b>Original Research Article</b>

**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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b><u>Compulsory</u></b> REVISION comments	See attached file for revision comments	
<b><u>Minor</u></b> REVISION comments	See attached file for revision comments	
<b><u>Optional/General</u></b> comments	<p><b>This paper needs major revisions. The structure of the paper is not coherent. There are good and important information in the text but they are not supporting each other and not relevant to the objective of the paper article.</b></p> <p><b>There are too much information on grain size analysis; from the reader's perspective it seems this paper is about sedimentology rather than contaminant hydrology or hydro-geochemistry.</b></p> <p><b>Besides, the result for statistical analysis for grain size analysis were not used for discussion and interpretation part. Missing link?</b></p> <p><b>The hypothesis is interesting but was presented very weak. There are too many figures. Some of them could be consolidated.</b></p> <p><b>There are too many analysis but most of them were not mentioned in "Methods " section.</b></p> <p><b>QA/QC for analysis missing</b>  <b>There are some duplicate figures . There are table and figures that were not mentioned in the text.</b>  <b>The paper needs more focused recent literature review!</b></p>	<p>Major corrections were carried out on the manuscripts. All the attached comments from line 1 to 331 were taken into consideration and necessary adjustment made. However, on the sedimentology aspect, this paper is an inter-disciplinary approach from 4 co-author; hence there approach needs to be respected. The result for the statistical analysis on, grain size plots summarises that some stations are of single pollution source, while, some are of multiple sources,it was included in the text. More information on the grain size analysis, sampling stations and the principal component plots/Eigen is also included in the appendix. A lot of necessary, deletions, inclusions and re-organisation had been made on the manuscripts. Lastly the sediments transportation patterns had been changed to mm.Thanks.</p>