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| Journal Name: | Advances in Research |
|--------------------------|---|
| Manuscript Number: | Ms_AIR_34754 |
| Title of the Manuscript: | Effect of Climate Change through Temperature increase on Heavy Metals Concentrations in Water and Sediment of Ekpan Creek, Delta State, Nigeria |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, 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:

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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 | The reviewer suggests minor revisions in order to improve the document. Detailed comments: please provide revision of words (unified in all paper): physiochemical characteristics, Varian Techron Spectr AA – 10 Atomic Absorption Spectrophotometer (AAS) please add SI units (pages 7-8), DO, BOD what are units? be absent Results 3.1, in text) pH no unit (3.3 Hydrogen ion concentration)- remove of unit the references should be corresponded to the paper and be accurately cited: 24. is not in the references (renumbering of the references); create a gaps between references | |
| Minor REVISION comments | The reviewer has read carefully the paper. The paper shows much information about topic and it reflects well the aim and scope of this paper. The paper presents very interesting study about effect of climate change trough temperature increase on heavy metals concentrations in water and sediment. This paper is well written and includes extensive knowledge of problems. The paper has the higher scientific quality. Materials and methods chapter are well written are sufficient and appropriate. Also, results and discussion are well written and results are extensively discussed. All corresponding figures and tables are informative and fit well to this chapter. | |

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| Optional/General comments | |
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Reviewer Details:

| Name: | Dr. Oľga Šestinová |
|----------------------------------|---|
| Department, University & Country | Department of Environment and Hygiene in Mining, Institute of Geotechnics, Slovakia |

Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (07-06-2013)