



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_51103
Title of the Manuscript:	Phytoremediation of industrial waste leachates by planted filters of Phragmites australis (Cav) Trin ex Steud, Typha latifolia L. and Cyperus papyrus L.
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/sdi-general-editorial-policy>)



**SDI Review Form 1.6**

**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)
<b>Compulsory</b> REVISION comments	The manuscript is to be subjected to serious major revision. Revise the introduction with recent references, discuss the results with isotherms and kinetics. Mere comparison data was not sufficient to validate the results.	<p>- Introduction has been revised with more recent references.</p> <p>- This study was conducted in a company generating leachates that could pollute the environment. As environmental regulation becomes more and more strict in Congo, this company asked us (academics) to test phytoremediation as a method of treating leachates before they return to the natural environment. This study, which lasted 3 months, has therefore focused on reducing the polluting nature of wastewater that is released into the wild, especially since we do not have a plant analysis device in the Congo. Given the interesting results of this study, we (academics) have set up a thesis project on this theme. We are currently seeking funding and academic collaboration to equip ourselves with the appropriate equipment to carry out this study, especially as the Congo is full of many plants that could be used for phytoremediation. So you understand that for lack of material, we have not been able to perform statistics, so we could not achieve kinetics of extraction of pollutants or absorption isotherms by different parts of plants.</p> <p>- Although the focus of this study is solely on wastewater remediation, we agree that the comparison data alone are not sufficient to confirm the phytoextractor character of the plants. We therefore revised the conclusion by including the need to achieve absorption isotherms by the different plants and their kinetics of extraction of heavy metals to confirm the hyperaccumulator nature of the 3 plants chosen in this study.</p>
<b>Minor</b> REVISION comments	Check the references according to the journal format	- This revision has been done.
<b>Optional/General</b> comments		

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

**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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details)	