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| Journal Name: | [**International Journal of Environment and Climate Change**](https://journalijecc.com/index.php/IJECC) |
| Manuscript Number: | **Ms\_IJECC\_133750** |
| Title of the Manuscript: | **Evaluating the potential of aquatic macrophytes (Pistia stratiotes L and Eichhornia crassipes) for phytoremediation of metal pollution (Cadmium and Lead).** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Heavy metal removal from water can be accomplished economically and environmentally with phytoremediation. To ascertain the phytoremediation effectiveness of two macrophytes, Pistia stratiotes and Eichhornia crassipes, for the removal of lead (Pb) and cadmium (Cd) from prepared metal solutions with varying concentrations (2, 4, 10, and 15 mg/L) over a 28-day period, a small-scale experiment was carried out. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Yes  Where are the research objectives? |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | Good |  |
| Optional/General comments | Where are the research objectives |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)*  No |  |

**Reviewer Details:**

**Mohamed Ismail Abdel-Ghaffar Fayed, Zagazig University, Egypt**