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| Journal Name: | [**International Journal of Environment and Climate Change**](https://journalijecc.com/index.php/IJECC) |
| Manuscript Number: | **Ms\_IJECC\_131348** |
| Title of the Manuscript: | **Lotus Cultivation in Contaminated Water: Potential Risks and Solutions** |
| Type of the Article | **Review 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.** | **Lead, copper, and zinc are among the heavy metals that the Sacred Lotus can eliminate. Lotus can lower discharge water's ammonia and other nutrients.****Lotus is capable of eliminating suspended particles from household wastewater. Microorganisms that break down organic compounds are found in the rhizosphere of lotuses.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The Title of the article suitable is suitable** |  |
| **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.** | **The abstract of the article is comprehensive** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is a review paper with scientific backing.** |  |
| **Are the references sufficient and recent? If you have****suggestions of additional references, please mention them in the review form.** | The references are up-to-date and adequate. Although some of the references are outdated, they are still appropriate for the findings. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The article's English quality makes it appropriate for academic communications. But in some places, changes are required. |  |
| **Optional/General** comments | **There is no year for the dissertation publishing in serial number two under Bibliography. The manuscripts don't contain a 40th reference.**After being carefully examined by the esteemed Editorial Board, the review paper may be approved for publication. |  |

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| **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?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **D. Ramamoorthy** |
| Department, University & Country | **Pondicherry University, India** |