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| Journal Name: | **[Asian Journal of Environment & Ecology](https://journalajee.com/index.php/AJEE)**  |
| Manuscript Number: | **Ms\_AJEE\_138150** |
| Title of the Manuscript:  | **Vehicular Pollution and Its Effects on Physical, Chemical, and Biological Characteristics of Plants** |
| Type of the 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** (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.** | This manuscript synthesizes evidence on how vehicular pollution affects plant systems and highlights the ecological relevance of plants as bioindicators. It contributes to the scientific community by identifying some key physiological and biochemical impacts and offer insights for urban environmental monitoring. The review also points toward sustainable mitigation strategies, making it a useful resource for researchers and policymakers addressing pollution in urban ecosystems |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Impacts of Vehicular Pollution on Plants: A Review of Physical, Chemical, and Biological EffectsIncluding the term “review” enhances transparency, discoverability, and integrity of scientific communication |  |
| 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 is generally informative. However, it would benefit from improved clarity and conciseness. First, the title and abstract repeat the same phrase, which should be revised to avoid redundancy. The abstract should more clearly state that the manuscript is a narrative review. Adding a brief rationale for the topic’s importance, such as the impact of rising vehicle emissions, would strengthen the introduction. Several sentences are overly long and should be simplified to improve readability and scientific tone. Less essential phrases, like “the most significant observations are,” can be omitted or rewritten for brevity. Finally, the conclusion should be tightened to emphasize the value of integrating interdisciplinary methods like biomarkers and remote sensing for future pollution management |  |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is **scientifically plausible and correct in intent and content**, but a detailed review of the full text is necessary to confirm the strength of evidence, accuracy of statements, and depth of plausibility |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references listed span several decades, with **a mix of foundational, classic sources and more recent studies,** which is good. However, **many citations are outdated (pre-2010)**, and **recent high-impact articles from the past 5 years are underrepresented. Overall,** the manuscript’s reference list is **scientifically adequate,** but to strengthen its **relevance and credibility**, it should incorporate **more recent, diverse, and high-impact studies**, especially those that align with modern review standards |  |
| Is the language/English quality of the article suitable for scholarly communications? | YES |  |
| Optional/General comments | SATISFACTORY! |  |

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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)* |  |

**Reviewer details:**

**Anthony Akande, The Ohio State University, The United States of America**