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REVIEWER'S REPORT

Manuscript No.: IJAR-55662

Title: DIVERSITÉ FLORISTIQUE ET ESPÈCES BIOINDICATRICES ET ACCUMULATRICES DE MÉTAUX LOURDS AUX ABORDS DU PARC À RÉSIDUS MINIER DE SABODALA (SÉNÉGAL)

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr. Sumathi

Detailed Reviewer's Report

1. **Biodiversity**, or **biological diversity**, is the incredible variety of all living things on Earth—from genes to species to entire ecosystems like forests and coral reefs—and the complex interactions between them, providing essential resources like food, clean water, and medicine, though it's currently threatened by human activities. It encompasses genetic diversity (within species), species diversity (different organisms), and ecosystem diversity (habitats)
2. **Bioavailability** is a pharmacological and nutritional term that describes the degree and rate at which an active substance (such as a drug, vitamin, or nutrient) is absorbed into the bloodstream and becomes available at its target site of action in the body.
3. **Phytoremediation** uses living plants to clean up contaminated soil, water, and air by absorbing, stabilizing, or degrading pollutants like heavy metals, pesticides, and oil, offering a cost-effective and aesthetically pleasing alternative to traditional methods, though it can be slow and works best for low-to-medium contamination levels.

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- 4. Biomonitoring is the process of measuring chemicals or their breakdown products (metabolites) in human body fluids (like blood, urine, breast milk) or tissues (like hair) to assess overall exposure from all environmental sources, including air, food, water, and products.**
- 5. It helps public health officials understand which chemicals people are exposed to, track trends, evaluate the effectiveness of regulations, and identify potential health risks, often serving as a crucial tool for informing policy and protecting vulnerable populations.**
- 6. Key words are good to understand.**
- 7. Result part is awesome with graphs and pie charts.**
- 8. Summary points can be included.**
- 9. After a small correction good to publish in your journal.**