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| Book Name: | [Geography, Earth Science and Environment: Research Highlights](https://www.bookpi.org/bookstore/product/geography-earth-science-and-environment-research-highlights-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5021** |
| Title of the Manuscript: | **Micronutrient Mineral and Nutrient Content of Volcanic Soils and Creeks from the Montserrat Soufriere Hills Volcano. Nature’s Fertilizer: Mineral Nutrient Content of Volcanic Soils** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**European Journal of Applied Sciences – Vol. 11, No. 2, 2023.**

**DOI:** [**https://doi.org/10.14738/aivp.112.14253**](https://doi.org/10.14738/aivp.112.14253)

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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.** | **This manuscript provides valuable insights into the micronutrient and mineral content of volcanic soils and creek water from the Montserrat Soufriere Hills Volcano, highlighting the dual impact of volcanic activity on ecosystems and human health. The findings underscore the essential role of volcanic ash in replenishing soil fertility and contributing to the long-term recovery of agricultural productivity and natural vegetation. By analyzing the mineral composition of surface ash and creek water, this study enhances our understanding of nutrient cycling in post-eruption landscapes, which is critical for environmental restoration, sustainable agriculture, and public health. The research is particularly relevant for geologists, agronomists, and environmental scientists, as it sheds light on the long-term benefits of volcanic deposits despite their immediate destructive consequences.** |  |
| **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** |  |
| **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.**  **-** | **Your manuscript presents significant findings on the mineral and nutrient content of volcanic soils and creek water, but it would benefit from the inclusion of more recent references to strengthen its scientific foundation. Specifically, recent studies on post-earthquake and volcanic soil chemical properties would provide a broader context for understanding the long-term environmental impacts of such natural disasters.**  **I recommend incorporating the following references:**   1. **Hore, S., Alim, M. A., & Hore, R. (2025). *Post-Earthquake Soil Chemical Analysis: Mechanisms, Challenges, and Pathways for Sustainable Recovery.* Frontiers in Applied Engineering and Technology, 2(01), 101–108.** [**https://doi.org/10.70937/faet.v2i01.59**](https://doi.org/10.70937/faet.v2i01.59) 2. **Hore, S., AlAlim, M., & Hore, R. (2025). *Impact of Earthquakes on Soil Chemical Properties: A Review of Mechanisms, Changes, and Implications for Environmental and Structural Resilience.* 3(1).** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. Need some grammatical corrections |  |
| Optional/General comments |  |  |

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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?** |  |  |

**Reviewer details:**

**Shoma Hore, Bangladesh**