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| Book Name: | [**Chemical and Materials Sciences: Research Findings**](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-research-findings-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4501** |
| Title of the Manuscript:  | **Chemical and Physical Analysis of Different Types of Soil in India** |
| Type of the Article | **Book Chapter** |

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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.** | It provides a comprehensive analysis of soil chemical and physical properties across diverse regions of India. By revealing variations in soil pH, nutrient content, heavy metal contamination, and structural attributes, it offers critical insights for developing targeted soil management strategies. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes, but you can also use - Comprehensive Assessment of Soil Chemical and Physical Properties Across India. |  |
| 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. | **Additions:**1. **Objective & Significance:** The abstract would benefit from a clear statement of the study’s objective at the beginning. Why was this study conducted? What gap in research does it addressed?
2. **Methods:** Briefly mention how the soil samples were collected and analyzed to give readers an idea of the methodology.
3. **Key Findings & Implications:** While the abstract includes important data points, summarizing the broader implications of these findings for soil management, irrigation planning, and sustainable agriculture would strengthen the conclusion.
4. **Comparisons & Trends:** If available, mentioning how these values compare to previous studies or national standards would add depth.
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| **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, but not as for the book chapter so kindly add the references to the needed sections (highlighted one too)** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes  |  |
| Optional/General comments | The graph for chemical analysis is not clear from the book chapter POV (Point of View) so kindly make more than 1 graph and add more depth to it. |  |

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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: | **Pranav Raj** |
| Department, University & Country | **Birsa Agricultural University, India** |