|  |  |
| --- | --- |
| Journal Name: | [**Current Journal of Applied Science and Technology**](https://journalcjast.com/index.php/CJAST) |
| Manuscript Number: | **Ms\_CJAST\_132252** |
| Title of the Manuscript: | **Behaviour Of Expansive Soils Under Cyclic Drying-Wetting Conditions** |
| Type of the Article |  |

|  |  |  |
| --- | --- | --- |
| **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 behavior of expansive soils under cyclic drying-wetting conditions, which is crucial for fields such as geotechnical and civil engineering. By investigating changes in soil structure, shear strength, compressibility, and swelling potential, it enhances our understanding of how environmental cycles impact the performance of expansive clays. The results could be instrumental in predicting the long-term stability and behavior of substructure built on such soils, particularly in areas susceptible to  moisture fluctuations. | Thank you for pointing out the significance of the manuscript. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title of the article is suitable. | Okay, thank you. |
| **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.** | It is suggested to present the abstract in one 200 - 250 words paragraph. | Noted |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript appears to be scientifically valid, with a clear methodology and well-presented results. | Thank you for the assurance. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | It is important to add some recent work (2024 - 2025) to the literature review and references. | Noted and added. |
| **Is the language/English quality of the article suitable for scholarly communications?** | The language quality of the article is generally suitable for academic publishing. | Okay, thank you. |
| **Optional/General** comments | * It is suggested to compare the results of the present study with previous studies and analyze their results completely. * Please correct the reference number in the introduction. * Please arrange the subtitles in the correct sequence. * The quality of the figures 3 and 5 to 14 is weak. The original (editable) source of the figures should be used in the manuscript. * There is no section 4.4 in the manuscript, as mentioned in the text below figure 6. * Please review the sequence of references within the manuscript and compare it with the reference list. | The suggestions have been noted. |

|  |  |  |
| --- | --- | --- |
| **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)* |  |