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| Journal Name: | [**Journal of Engineering Research and Reports**](https://journaljerr.com/index.php/JERR) |
| Manuscript Number: | **Ms\_JERR\_139797** |
| Title of the Manuscript: | **EVALUATING THE UNCONFINED COMPRESSIVE STRENGTH RETENTION OF CORN STARCH STABILIZED LATERITIC SOILS** |
| Type of the Article | **Original Research 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.** | **Evaluating the unconfined compressive strength retention of corn starch stabilized lateritic soil under wet- dry cycle condition give new insight for scientific community for further analysis and predicting with more parameters, like porosity, density and durability.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is suitable for the article** |  |
| **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,  **Under introduction**  the word Mechanistically, biased the reader  **Under section 2.2.2**  Two (2) samples per experimental run were produced as per the developed design of experiment, which standard recommend two samples sizes? What about the standard deviation of the experimental results?  I have observed misalignment of spindle axis during UCS testing on figure 3, change this figure  **Under conclusion section**  i. Too much water can create too many pores in the soil, which can weaken it over time  I have not seen any results or finding supporting this conclusion in the result and discussion section | There are no established standard that recommends two sample size. And the standard deviation of the experimental results were not included as the researcher didn’t seem it necessary to include it |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | YES |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | YES |  |
| **Optional/General** comments | **I recommend the author’s to consider, the porosity analysis and its effect on UCS during wet-dry cycle, the variation in density and durability of corn starch.** | Porosity analysis is not part of the scope of this research |

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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)* |  |