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| Journal Name: | [**Asian Journal of Environment & Ecology**](https://journalajee.com/index.php/AJEE) |
| Manuscript Number: | **Ms\_AJEE\_126087** |
| Title of the Manuscript: | **Efficiency of Coconut shell in an improved stove (Cocos nucifera) in Maiduguri, Nigeria** |
| Type of the Article | **Research Article** |

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| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **The environmental damages and depletion of fossil fuels emphasize the importance of renewable fuels. For this reason, the research conducted is promising and necessary. In this study, biomass, one of the renewable energy sources, was used. The use of biomass has a double advantage in terms of both producing cleaner energy and evaluating wastes.** | OK |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **I believe that it is not necessary to state the location in the title. A statement that summarizes the study more can be used.**  **Investigation of combustion efficiency of coconut shell (Cocos nucifera) in an improved stove in comparison with neem wood** | Investigation of combustion efficiency of coconut shell (Cocos nucifera) in an improved stove in comparison with neem wood,Yes, this is more appropriate |
| 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. | **The summary of the article is sufficient.** | OK |
| **Are subsections and structure of the manuscript appropriate?** | **The subsections and structure of the article are appropriate.** | OK |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | **The author has chosen a current topic such as renewable energy to research. Since the study is experimental, it is seen that no additional verification process is needed. However, the study can be supported by similar studies in the literature. In addition, if it is desired to advance the study and expand its scope, it can be considered to examine emission values ​​and investigate methods to make coconut shells more efficient.** | OK |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The manuscript can be supported by more up-to-date studies. As long as the problems and needs continue, this field of study does not lose its relevance. Therefore, I think that finding more up-to-date sources will not be a problem.**  **References can be multiplied. For example, a literature review can be included in the introduction. In the results section, the data obtained can be compared with similar studies in the literature.** | OK |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | The language/English quality of the article could be improved. The author should also be more careful about punctuation and spelling. | Ok I will do that |
| Optional/General comments | Including a literature review in the introduction part of the study and emphasizing the originality of the study will make the study more remarkable.  In the materials section, the list of materials used in the study seems less interesting. The materials can be enriched by adding their intended use and their functions in the study.  In the results section, integrity has not been achieved between the paragraph in which the references are given and the text. Paying attention to paragraph transitions and comparing the results with studies from the literature and interpreting them will make the study richer.  The accuracy of the numerical values ​​given in the Results section should be reviewed (8193g). |  |

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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)* | No ethical issues |