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| Book Name: | [**Current Research on Geography, Earth Science and Environment**](https://bookstore.bookpi.org/product/current-research-on-geography-earth-science-and-environment-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6113** |
| Title of the Manuscript:  | **Indoor air pollution among rural households –A cross sectional study** |
| 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 minimumof 3-4 sentences may be required for this part.** | The strengths of the present study are numerous. First, in-door air quality has been linked to mental health status. Although many research studies connect ambient air quali-ty to mental health, very few focus on indoor air pollution and its impact on mental health. The second strength of the study is the use of validated instruments with high sensi-tivity and specificity to assess household indoor air quality standards. The present study adds to the growing evidence that air quality may have broader implications beyond physical health and could al-so impact mental well-being. More studies are needed, as the precise mechanisms regarding the relationship be-tween exposure to air pollution and mental health illnesses remain unclear, with exact causation still uncertain. More efforts must be made to establish the pathophysiological and socio-psychological causation, suggesting that it is bio-logically plausible, especially in vulnerable populations |  |
| **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.** |  Y**es** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | Insufficient references, Additional references are needed, Arrange references as per journal style**.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/Generalcomments | 1. Methodology The present study was a community based cross sectional study carried out for a period of 2 years.Rural households using solid fuel were included and locked houses were excluded from the study.The study setting was Devarayasamudra Primary Health Centre, which had more than 2400 households. Sample size was calculated based on previous research. To assess Indoor air quality, Particulate Matter PM 2.5, PM10 Particles, CO2, HCHO, Temperature and Humidity, Nitric oxide (NO) and Sulphur dioxide (SO2) was measured by validated tools. All data were entered in a Microsoft Office Excel sheet, analysedusing SPSS v 22 (IBM Corp, USA) with p value less than 0.05 defined as statistically significant.* Chemical formulas has to write in properway---like CO2, SO2, and also correct the formulas where ever in other sections of the manuscript

2. Keywords: Indoor Air pollution, Indoor Air quality, Rural House----Key words must be min Five keywords (as per journal norms)3. Check superscript and subscript. 4. In the references, follow journal guideline for proper format5. Write conclusions in point wise manner |  |

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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?**  | *(If yes, Kindly please write down the ethical issues here in detail)*No |  |

**Reviewer details:**

**Ravuri Hema Krishna , India**