

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_125725
Title of the Manuscript:	INDOOR ENVIRONMENTAL QUALITY IN PUBLIC HEALTH FACILITIES IN GHANA: A STUDY ON THE CURRENT STATE AND CHALLENGES
Type of the Article	Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>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.</p>	<p>This manuscript holds significant importance for the scientific community as it addresses the critical issue of indoor environmental quality (IEQ) in healthcare facilities, particularly in Ghana, where there is a lack of existing legal frameworks and regulations. By focusing on automation technologies to improve IEQ, the study offers valuable insights into how these advancements can be adopted to enhance patient care and worker safety. I appreciate the manuscript's thorough analysis of the current challenges and its evidence-based recommendations, which could influence policy and practice in healthcare management. However, its reliance on international guidelines rather than locally developed standards highlights a gap that needs to be addressed within Ghana's regulatory frameworks.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The article's title, "INDOOR ENVIRONMENTAL QUALITY IN PUBLIC HEALTH FACILITIES IN GHANA: A STUDY ON THE CURRENT STATE AND CHALLENGES," is generally suitable as it reflects the focus of the research on indoor environmental quality (IEQ) in Ghana's public health facilities. However, it could be made more engaging and precise by highlighting the role of automation technologies, which is a key focus of the study.</p> <p>An alternative title could be: "Enhancing Indoor Environmental Quality in Ghanaian Public Health Facilities: Challenges and the Role of Automation Technologies".</p> <p>This version better captures the proactive solutions discussed in the manuscript.</p>	
<p>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.</p>	<p>The abstract is somewhat comprehensive but could be improved. It should briefly include the mixed-methods approach, key findings (like CO2 and particulate matter levels), and specific policy recommendations. The broad statement about automation improving facility management could be more precise or omitted.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript's structure and subsections are generally appropriate, with clear divisions like the introduction, previous research, and results. However, it could benefit from a more detailed conclusion that emphasizes broader implications and future research directions. Additionally, separating the discussion of the results from the presentation of raw data might improve readability.</p>	
<p>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.</p>	<p>This manuscript appears scientifically robust and technically sound. It employs a mixed-methods research design, combining qualitative and quantitative approaches, which is appropriate for the complex issue of indoor environmental quality (IEQ). The use of international standards for comparison and the analysis of real-time IEQ parameters, such as CO2 levels and particulate matter, lend credibility to the findings. Additionally, the study's focus on automation technologies as a potential solution to IEQ challenges shows a forward-looking approach grounded in evidence-based research.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>The references in the manuscript appear to be a mix of both sufficient and relevant sources, covering foundational studies and guidelines related to indoor environmental quality (IEQ) and healthcare. However, some references could be more recent to ensure that the manuscript reflects the latest research and technological advancements in the field.</p> <p>Suggestions for Additional References:</p> <ol style="list-style-type: none"> Recent studies on automation in healthcare: Look for articles published in the last few years that specifically address the implementation of automation technologies in low-resource settings. 	

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	<p>2. Current IEQ guidelines: Include recent publications or guidelines from organizations like the World Health Organization (WHO) or the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) that reflect the latest standards for IEQ.</p> <p>3. Research on IEQ impact on health outcomes: References that explore the relationship between improved IEQ and health outcomes, especially in the context of developing countries, would strengthen the manuscript. Incorporating these suggestions could enhance the manuscript's credibility and relevance.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article are generally suitable for scholarly communication. The manuscript uses technical terminology appropriately and presents ideas. However, there are areas where clarity and conciseness could be improved, such as reducing redundancy and ensuring precise language. Minor grammatical errors or awkward phrasing might also exist, which, if corrected, would enhance the overall readability and professionalism of the manuscript.</p>	
<p>Optional/General comments</p>	<p>1. Clarity and Flow: Improve transitions between ideas for better coherence and readability. 2. Visual Aids: Incorporate tables or graphs to illustrate key data points, enhancing accessibility. 3. Depth of Discussion: Expand the discussion section to explore the implications of findings on policy and patient care more thoroughly. 4. Engagement with Local Context: Strengthen connections to local factors influencing the implementation of automation technologies. 5. Future Research Directions: Include suggestions for future research to highlight areas needing further exploration.</p> <p>These refinements can enhance the manuscript's contribution to indoor environmental quality and healthcare management.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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