

**Review Form 3**

Journal Name:	<a href="#">Asian Journal of Advanced Research and Reports</a>
Manuscript Number:	Ms_AJARR_125009
Title of the Manuscript:	<b>BUILDING MAINTENANCE DEFICIT: EVIDENCE FROM PUBLIC POLYTECHNICS IN SOUTH-EAST, NIGERIA</b>
Type of the Article	

### Review Form 3

#### **PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<b>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.</b>		
<b>Are subsections and structure of the manuscript appropriate?</b>		
<b>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.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> -		

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p><b>Title and Abstract</b></p> <p><b>Title:</b> The title is clear and descriptive, providing a concise overview of the subject matter. It effectively captures the focus of the research on building maintenance issues in public polytechnics in Nigeria.</p> <p><b>Abstract:</b> The abstract is informative, summarizing the study's objectives, methodology, findings, and recommendations. However, it can benefit from slight rewording for better flow and readability. Consider rephrasing the sentence structure to make it more succinct and clearer.</p> <p><b>Introduction</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The introduction is well-structured and provides a solid background on the importance of maintenance in public polytechnic institutions.</li><li>• It highlights the challenges faced by Nigerian institutions regarding building maintenance, linking it to national economic and infrastructural deficits.</li><li>• The literature review incorporates relevant references and provides a strong case for the necessity of this study.</li></ul> <p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>Clarity and Flow:</b> Some of the sentences are too long and complex, which may hinder readability. Breaking them down or rephrasing them for better flow could improve the readability of this section.</li></ol> <p>Example:</p> <ul style="list-style-type: none"><li>○ "Buildings in their operational life undergo certain stages that reduce their functional financial economic and aesthetic values." Consider rephrasing to:</li><li>○ "During their operational lifespan, buildings experience stages of degradation, which reduce their functional, financial, economic, and aesthetic value."</li></ul> <ol style="list-style-type: none"><li>2. <b>Problem Definition:</b> The problem statement is strong but could use more statistical support to emphasize the scope of the problem, especially if available data exists regarding the extent of building maintenance issues in Nigerian polytechnics.</li></ol> <p><b>Literature Review</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The literature review is comprehensive and covers various aspects of maintenance practices and challenges, providing a strong foundation for the research.</li><li>• The use of diverse sources helps to strengthen the context of the study.</li></ul>	

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	<p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>Gaps in Literature:</b> The review could be improved by explicitly identifying gaps in the existing literature. This would help to justify the study's focus and make it clear why this research is necessary.</li><li>2. <b>Comparative Analysis:</b> A brief comparative analysis of maintenance practices in similar institutions in other countries, particularly developing nations, could provide a more global context to the issue. This would also emphasize the unique challenges faced by Nigerian institutions.</li><li>3. <b>Definitions and Terminology:</b> Some terms, such as "planned preventive maintenance" (PPM) and "unplanned maintenance," could be better defined with real-world examples, which may help non-expert readers.</li></ol> <p><b>Methodology</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The methodology is detailed and describes the sampling techniques and data analysis methods clearly. The use of tools like Mean Score Index (MSI), Relative Importance Index (RII), and Kendall tau is appropriate for the study.</li></ul> <p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>Sampling Justification:</b> While the methodology mentions the random sampling of polytechnics, a justification of why six polytechnics were chosen and how they represent the broader population would be beneficial. Explain whether this sample size is large enough to draw significant conclusions.</li><li>2. <b>Research Design:</b> More details on the physical inspection process (e.g., the criteria for evaluating building conditions) should be provided to clarify how data was collected.</li><li>3. <b>Limitations:</b> There is no mention of limitations in the methodology. It would be useful to acknowledge any limitations of the data collection methods, such as potential biases in self-reporting from maintenance staff or constraints in accessing certain buildings.</li></ol> <p><b>Results and Discussion</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The results are well-presented, with detailed discussions of the challenges of building maintenance in public polytechnics.</li><li>• The use of factor analysis provides a solid statistical basis for identifying the key challenges.</li><li>• The section is detailed and discusses practical aspects such as poor staffing, inadequate data management, and technical issues in maintenance.</li></ul> <p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>More Contextual Interpretation:</b> The results could benefit from more contextual interpretation. For example, after presenting data on staffing challenges, discussing the broader socio-economic conditions that contribute to this issue would provide more depth.</li><li>2. <b>Visuals:</b> While the results are statistically sound, they are text-heavy. Adding graphs, charts, or tables to visually represent key data points would improve readability and make it easier to digest.</li><li>3. <b>Qualitative Insights:</b> Incorporating more qualitative insights from interviews or</li></ol>	
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	<p>focus groups with maintenance staff or administrators would add a valuable human element to the data.</p> <p><b>Conclusion and Recommendations</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The conclusion effectively summarizes the key findings and offers recommendations that are practical and aligned with the study's objectives.</li><li>• The recommendations are actionable and focused on improving institutional frameworks, which can benefit stakeholders.</li></ul> <p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>Actionability:</b> While the recommendations are practical, they would be more actionable with clearer, step-by-step suggestions for how public polytechnics and the government can implement these changes.</li><li>2. <b>Policy Implications:</b> Consider expanding on the broader policy implications of the findings, particularly how they align with or support national policies like the Sustainable Development Goals (SDGs).</li><li>3. <b>Future Research:</b> It would be beneficial to suggest areas for future research, particularly in the areas of technological innovations in maintenance and the potential role of public-private partnerships in improving maintenance outcomes.</li></ol> <p><b>Language and Structure</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The article is well-researched, with strong academic writing and a good command of technical terminology.</li></ul> <p><b>Areas for Improvement:</b></p> <ol style="list-style-type: none"><li>1. <b>Grammar and Syntax:</b> The article could benefit from a thorough proofreading to correct minor grammatical errors and improve sentence structure for readability.</li><li>2. <b>Consistency in Terminology:</b> Ensure that terms like "maintenance policy" and "maintenance framework" are used consistently throughout the paper.</li></ol> <p><b>Overall Assessment</b></p> <p><b>Strengths:</b></p> <ul style="list-style-type: none"><li>• The article addresses an important and under-researched topic in Nigeria.</li><li>• The methodology and analytical techniques are appropriate and well-executed.</li><li>• The recommendations are clear and grounded in the study's findings.</li></ul> <p><b>Areas for Improvement:</b></p> <ul style="list-style-type: none"><li>• Consider providing more statistical backing for the sampling decisions.</li><li>• Visualize the data where possible to enhance readability.</li><li>• Tighten the structure of the literature review and ensure that the language is precise and clear.</li></ul> <p>Overall, the paper offers valuable insights into the challenges of building maintenance in</p>	
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	Nigerian polytechnics and provides practical solutions. With some refinements in language, methodology explanation, and data visualization, it will make a stronger contribution to the field.	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Yemisi Owoade</b>
Department, University & Country	<b>University of New Haven, USA</b>