

Review Form 3

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_128216
Title of the Manuscript:	Teachers' Competencies in Agricultural Education: A Comprehensive Analysis of TPACK Domains
Type of the Article	

PART 1: 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>
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.	The manuscript is a valuable contribution to the field of agricultural education and teacher professional development. Its strengths lie in its focus on TPACK competencies and the actionable recommendations it provides. However, addressing the methodological, analytical, and interpretive gaps identified above would significantly enhance the study's academic rigor and practical impact.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is adequate but could be made more specific and engaging. Refining it to include the geographical context, demographic focus, or key findings would improve its relevance and appeal to the intended audience. Consider adding: <ul style="list-style-type: none"> - target audience (Eg: Phillipines, Filipino teachers). - key findings aspects, such as the relationship between demographic characteristics and TPACK. Suggestion of title: Examining Agricultural Teachers' TPACK Competencies: A Study of Demographic Influences in the Philippines"	
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 abstract is relatively clear but can be improved: Terms like "critical gaps in agricultural education" are broad and lack specificity. The abstract does not highlight the exact nature of these gaps or how the findings address them. It will be better to state explicitly (in one line) how this study contributes to the existing body of knowledge (e.g., focus on the interplay between demographics and TPACK in agricultural education).	
Is the manuscript scientifically, correct? Please write here.	Overall, the use of theoretical frameworks, research design, and statistical analysis is appropriate. However, there are notable limitations especially in the sample size , instrument validation, and contextual scope that affect the reliability and generalizability of the findings.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Some of the reference in the discussion are fairly outdated (>10 years ago). It will be better to obtain a more recent references especially when discussing the research findings.	

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, however pay more attention to the sentence structures used throughout the manuscript. There are many sentence fragmentations used.</p> <p>Eg: (After table 4 para 2) – Teachers have a status of 'knowledgeable' in technological knowledge, pedagogical knowledge and content knowledge. But their weighted mean values</p> <p>"While the results were significant. The implications for teacher training are yet to be explored."</p>	
<p>Optional/General comments</p>	<p>1. Introduction</p> <p>The literature review in the introduction is somewhat shallow, focusing mainly on TPACK theory. There is little discussion of prior studies that explore the intersection of teacher demographics and TPACK competencies or the specific issues in agricultural education. It will be better to include a more comprehensive review of related studies, highlighting gaps in existing research and how this study addresses those gaps.</p> <p>2. Methodology</p> <p>It is better to arrange in subsection 2.1 Research Design 2.2 Data collection/instruments 2.3 Data analysis</p> <p>**How was the population and number of samples decided? This is because the sample size of 20 teachers is relatively small, which limits the generalizability of the findings. It is important to state clearly the steps taken in deciding the sample size.</p> <p>It will be better to include details about the reliability and validity testing of the instruments used.</p> <p>Paragraph 4: The study used specific interpretation scales for TPACK technological pedagogical content knowledge... How were the scales determined? If adapted, please include reference.</p> <p>3. Results and Discussion</p> <p>The results section is heavily focused on descriptive statistics, with limited analytical depth in interpreting the implications of the findings. Expand on the <i>why</i> behind the results. For instance, discuss potential reasons for the negative correlation between teaching experience and technological knowledge, such as limited access to technology training for senior teachers. You can also analyze how differences in TPACK domains influence teaching efficacy and student outcomes in agricultural education.</p> <p>The results and discussion section has a solid foundation but requires more depth and analytical rigor. By expanding the interpretation of findings, linking them to the literature, and providing detailed practical recommendations, the section can better highlight the study's significance and impact.</p> <p>4. Conclusion</p> <p>There is a clear summary of findings. However, to strengthen this part, the researcher can emphasize on the implication of the result of this study.</p>	

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PART 2:

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

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