

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_109123
Title of the Manuscript:	ACTION COMPETENCE TOWARDS ENVIRONMENTAL CITIZENSHIP OF COLLEGE OF TEACHER EDUCATION STUDENTS
Type of the Article	Original Research Article

[Review Form 1.7](#)

PART 1: Review Comments

	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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p>	<p>The research described in the abstract holds scientific importance for several reasons:</p> <p>A. Relationship Between Action Competence and Environmental Citizenship: Investigating the relationship between action competence and environmental citizenship is essential, as it contributes to our understanding of how individuals' abilities to take action in environmental contexts relate to their environmental citizenship behaviors. This has implications for environmental education and policy development.</p> <p>B. Empowering Future Educators: The study's findings suggest that teacher education programs can play a crucial role in fostering environmental citizenship by enhancing action competence. Empowering future educators with the skills and knowledge to promote sustainability and environmental responsibility is significant for addressing global environmental challenges.</p> <p>C. Curriculum Design and Pedagogy: The study's implications for curriculum design and pedagogical approaches highlight the potential for incorporating sustainability education into teacher preparation programs. This is important for developing more environmentally conscious teachers who can effectively educate the next generation about environmental issues and sustainable development.</p> <p>In summary, the manuscript title is appropriate, and the abstract effectively summarizes the research's objectives, methodology, findings, and implications. The identified errors are minor, and providing the correlation coefficient value would enhance the abstract's clarity. The research holds scientific importance as it sheds light on the relationship between action competence and environmental citizenship among teacher education students and offers valuable insights for education and policy development in the context of sustainability and environmental responsibility.</p> <p>The manuscript title "ACTION COMPETENCE TOWARDS ENVIRONMENTAL CITIZENSHIP OF COLLEGE OF TEACHER EDUCATION STUDENTS" is appropriate for the content of the research, as it clearly conveys the central theme of the study, which is the investigation of the relationship between action competence and environmental citizenship among teacher education students.</p> <p>The abstract provides a concise and clear overview of the study's objectives, methodology, findings, and implications. It effectively summarizes the key elements of the research, making it easier for potential readers to understand the scope and purpose of the study.</p> <p>Suggestions for improving the abstract:</p> <p>A. The manuscript's abstract lacks sub-sections, which are typically used in scientific abstracts to provide a clear and structured overview of the study. The author should consider introducing sub-sections such as "Aims," "Study Design," "Methodology," "Results," and "Conclusion" to enhance the abstract's readability and adherence to the journal's guidelines.</p> <p>B. The abstract does not mention the specific duration of the study or the time frame during which data was collected. Including this information can help readers understand the temporal context of the research.</p> <p>C. While the abstract mentions that "Pearson's r correlational analysis showed a significant positive relationship between the two variables," it does not specify the strength of this relationship (i.e., the</p>	

Review Form 1.7

<p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>correlation coefficient value). Providing the correlation coefficient would offer more clarity regarding the strength of the relationship between action competence and environmental citizenship.</p> <p>The manuscript does not adhere to the suggested structure provided by the journal. Acknowledgments and competing interests should be included, and sections and subsections in the text should be numbered to enhance organization and clarity.</p> <p>Yes, the manuscript appears to be scientifically correct in its approach to investigating the relationship between action competence and environmental citizenship among teacher education students. It references relevant scientific literature, describes the research methodology clearly, and provides detailed data analysis. However, as mentioned earlier, there are opportunities to improve the clarity and organization of the manuscript and refine the presentation of results to enhance its scientific quality.</p> <p>The references should be listed at the end of the manuscript and numbered according to their appearance in the text. Each reference cited in the text should have a corresponding entry in the reference list and vice versa. Citations within the text should be indicated by reference numbers in brackets [3], aligning with the journal's referencing style. The author should revise the manuscript to adhere to these referencing guidelines.</p> <p>The manuscript titled "ACTION COMPETENCE TOWARDS ENVIRONMENTAL CITIZENSHIP OF COLLEGE OF TEACHER EDUCATION STUDENTS" presents a comprehensive study investigating the relationship between action competence and environmental citizenship among teacher education students. The manuscript encompasses several noteworthy aspects, but it requires certain refinements to align with the guidelines provided by the journal.</p> <p>Word Count: The total word count of the manuscript, including the title, abstract, and references, is 6834 words, which exceeds the recommended range of 3000 to 6000 words. The author should aim to condense the content to meet the journal's word limit guidelines.</p> <p>P-Values: The formatting of P-values is not in accordance with the journal's guidelines. P-values should be italicized and capitalized (e.g., "<i>P = 0.05</i>"). Authors should ensure that P-values are correctly presented to maintain consistency and accuracy in reporting statistical results.</p>	
---	---	--

Review Form 1.7

<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Here are some observations:</p> <ul style="list-style-type: none"> ● Clarity and Coherence: The article is well-structured and follows a logical flow from the introduction through the methods, results, discussion, and conclusion sections. This organization is typical in scholarly articles, making it easy for readers to follow the research's progression. ● Grammar and Syntax: The article demonstrates a good command of English grammar and syntax, with properly constructed sentences. This is crucial for clear communication. ● Academic Vocabulary: The article uses appropriate academic vocabulary, and the terminology related to the research topic is well-defined and used consistently. This is important for conveying precise meaning and understanding. ● Conciseness: The article is written in a concise manner, which is typical for scholarly writing. It avoids unnecessary verbosity and focuses on delivering information efficiently. 	
<p>Optional/General comments</p>	<p>1. Introduction</p> <p>The introduction provides a comprehensive overview of the topic of environmental citizenship, action competence, and their significance in addressing pressing environmental issues. It introduces the interconnected nature of these concepts and their relevance to teacher education. The introduction is appropriately structured and cites various sources to support the arguments made.</p> <p>However, there are some grammatical and language usage issues that should be addressed to improve clarity and readability. Here are some suggestions:</p> <ul style="list-style-type: none"> ● In the first sentence, "planetary health and future" could be made more specific by specifying the environmental challenges faced by the world. ● The phrase "irrevocable effects" in the second sentence may be a bit strong. You could consider using "far-reaching" instead to maintain a sense of urgency while allowing for potential mitigation efforts. ● In the sentence mentioning "effective environmental action," consider using "promoting" instead of "developing" for better clarity. ● In the sentence starting with "Research has previously established," the phrase "on developing practices for individual action in educational policies and frameworks" is somewhat unclear. It could be rephrased for greater clarity. ● In the paragraph discussing the values-beliefs-norm framework, consider providing a brief explanation of what this framework entails for readers who may not be familiar with it. ● The phrase "addressing the global call for a sustainable future" might be more specific. What are some of the specific challenges that need to be addressed? ● The statement "Henceforth, gaining a deeper understanding..." could be rephrased for better clarity and flow. ● There are a few minor issues with punctuation and grammar throughout the text. For instance, in "Henceforth, gaining a deeper understanding..." consider starting a new sentence after "Henceforth." <p>Overall, the introduction is well-structured and informative, but addressing the above language and</p>	

Review Form 1.7

	<p>grammar issues will enhance its clarity and readability. Additionally, it would be helpful to include a clear statement of the research objectives or questions that will guide the study, as well as a brief outline of the subsequent sections of the paper to give readers an overview of what to expect.</p> <p>The introduction provided appears to be an original composition as it does not appear to be copied or closely paraphrased from any specific source. It presents a coherent and integrated overview of the concepts related to environmental citizenship and action competence while citing various researchers and studies to support the arguments made.</p> <p>I've reviewed the references provided, and it appears that most of the references in the list are not directly cited in the introduction author provided. The introduction primarily cites general concepts and ideas related to environmental citizenship and action competence but does not reference specific studies or researchers mentioned in the reference list.</p> <p>Here are a few citations missing in the introduction that correspond to the references:</p> <ul style="list-style-type: none">● The introduction mentions Adombent, Hiller, and Fröhlich (2020), Baptista et al. (2018), Bourn (2017), Parra et al. (2020), Ariza et al. (2021), Wals and Jickling (2019), and Thomas, Vasileiadou, & Ares (2018) without citing them explicitly.● Additionally, references to Homburg, Stolberg, and Wagner (2013), Stern, Dietz, Abel, Guagnano, and Kalof (1999), and other researchers mentioned in the introduction should be appropriately cited when their work is referenced. <p>To enhance the credibility and clarity of introduction, it is essential to integrate these specific citations from the reference list when referring to the work of these researchers and studies. This will provide readers with direct evidence for the points author makes in the introduction.</p> <p>2. Methods</p> <p>The methodology section provides a detailed description of the research design, data collection process, research instruments, and statistical methods used in your study. Overall, it is well-structured and provides a clear understanding of how the research was conducted. However, I have a few suggestions for clarity and completeness:</p> <ul style="list-style-type: none">● In the first paragraph, consider specifying the rationale for choosing a sample size of 324 from a total of 2,050 students. The author might explain how he/she has arrived at this sample size to ensure it is representative of the population. This could enhance the transparency of the sampling process.● In the second paragraph, it's good that the author mentioned the modifications made to the research instruments and validation by experts. However, it would be beneficial to provide some information about the nature of these modifications for readers to understand what changes were made.● The description of the Likert scale interpretation methods for both action competence and environmental citizenship is clear. However, the author might consider providing an example or explanation of what a specific score might mean in practical terms for better reader understanding.● The explanation of the Pearson's r correlation coefficient interpretation is clear and follows standard conventions.● The section on design and procedure is comprehensive. However, the author might consider providing more details about the ethical considerations, such as obtaining informed consent from participants and ensuring data confidentiality. It's also important to mention any ethical review or approval processes if applicable.	
--	---	--

Review Form 1.7

	<ul style="list-style-type: none">● The author has mentioned "member checking" as a method to ensure data accuracy. It might be helpful to explain what this process entails, as it's a common practice in qualitative research but not often associated with quantitative surveys.● In the final paragraph, it would be beneficial to briefly mention any potential limitations or challenges faced during data collection or analysis. This can provide context for the reader and enhance the transparency of the study. <p>Overall, the methodology section is well-written and structured, but these suggestions can enhance clarity and completeness. Make sure to adhere to any institutional or ethical guidelines when conducting research involving human participants.</p> <p>3. Results and Discussion:</p> <p>The results and discussion section of this study appears to be well-structured and provides valuable insights into the relationship between action competence and environmental citizenship among teacher education students. Here are some comments and suggestions:</p> <ul style="list-style-type: none">● Clarity and Organization: The section is well-organized, with clear subheadings and a logical flow of information. The presentation of results in tables is helpful for readers to grasp the findings quickly.● Descriptive Statistics: The presentation of the mean and standard deviation scores for both action competence and environmental citizenship is clear and informative. However, consider including the number of respondents (N) for each measure in the tables to provide a better understanding of the sample size for each indicator.● Interpretation of Findings: The interpretation of findings is generally well done. The author has effectively explained what the results mean for the level of action competence and environmental citizenship among teacher education students. He/she has also connected findings to existing research, which strengthens the argument.● Correlation Analysis: The presentation of the correlation analysis is clear, with the correlation coefficients presented in a table. The author has effectively explained the strength and significance of the relationships between action competence and environmental citizenship. However, it might be beneficial to mention the direction of the relationship (positive correlation) in the text.● Comparative Studies: It's excellent that the author has referenced and compared his/her findings with other research. This adds depth and context to the present study. However, when mentioning these comparative studies, it would be helpful to provide a brief summary of their findings to better connect them to the present research.● Discussion of Responsibility: When discussing the lower mean score for the indicator of responsibility within environmental citizenship, the author has provided valuable insights. To further enrich this discussion, he/she might explore potential reasons why teacher education students may exhibit lower responsibility, such as perceived lack of individual influence or the concept of moral licensing.● Suggestion for Further Research: In the final paragraph, the author has mentioned the need for further research to explore the underlying processes and modifiers of environmental citizenship. It would be beneficial to suggest specific areas or questions for future research to guide researchers in this field.● Final Concluding Remarks: Consider providing a concise summary of the key takeaways and implications of findings in the conclusion. Reiterate the practical significance of this research and how it can inform education and environmental initiatives.	
--	---	--

Review Form 1.7

	<ul style="list-style-type: none">● Grammar and Style: The section is well-written with a scholarly tone. However, ensure that grammar, punctuation, and capitalization are consistent throughout the text.● References: Make sure to properly format and cite the references according to the citation style required by the journal. Also, double-check the year of publication in the references section to match the correct citation style. <p>The results and discussion section appears to be robust, offering valuable insights into the relationship between action competence and environmental citizenship among teacher education students. By incorporating these suggestions and refining the section further, the author can enhance the clarity and comprehensiveness of his/her research findings.</p> <p>4. Conclusion and Recommendations</p> <p>The conclusion and recommendations section provides a comprehensive summary of the study's findings and offers valuable suggestions for further research and practical interventions. Here are some comments and suggestions:</p> <p>Conclusion:</p> <ul style="list-style-type: none">● Clarity and Recap: The conclusion effectively summarizes the key findings and reinforces the significant relationship between action competence and environmental citizenship among teacher education students. It's clear and concise.● Theoretical Framework: Author has done an excellent job of linking his/her findings to the values-beliefs-norm theory, providing a solid theoretical foundation for his/her results. This connection enhances the academic rigor of the study.● Implications: The discussion of the implications of the findings on teacher education and its potential to shape future educators is well-articulated. This section emphasizes the practical significance of this research.● Citizen Action: The author has mentioned that individuals who value and believe in their action contributing to environmental improvement are more likely to engage in socially responsible behaviors. While this is a valuable insight, author might consider providing a concrete example to illustrate this point, which can help clarify the concept for readers. <p>Recommendations:</p> <ul style="list-style-type: none">● Clarity and Specificity: Author's recommendations are clear and well-structured. He/she has provided detailed recommendations for enhancing environmental education and action competence within teacher education programs. This specificity is beneficial for educators and policymakers.● Self-Efficacy: The recommendation to build self-efficacy is important. The author might consider expanding on how programs, such as field trips and outdoor education, can be designed to enhance self-efficacy among teacher education students. Concrete examples or case studies could illustrate this recommendation effectively.● Collaboration: The recommendation for collaboration with environmental advocacy groups and government agencies is valuable. The author could elaborate on how such partnerships could be established, what specific activities they might engage in, and the potential benefits of such collaborations.● Responsibility: The recommendation to focus on responsibility is essential. To make this more actionable, the author could suggest specific initiatives or projects within teacher education programs that could foster a sense of responsibility, such as community clean-up events, tree planting, or involvement in local environmental projects.	
--	--	--

Review Form 1.7

	<ul style="list-style-type: none">● Further Research: The given recommendation for further research is apt, especially exploring the impact of action competence on pro-environmental behaviors. Author might also consider suggesting specific research questions or hypotheses that future studies could address, which would guide researchers in this area.● Limitations: It's good that the author acknowledge the limitations of his/her study, including the non-random sampling method. This demonstrates a thoughtful consideration of potential sources of bias or error. He/she might also briefly discuss how future research could address these limitations.● Positive Tone: The recommendations conclude on a positive and forward-looking note, which is motivating for both researchers and educators. <p>Grammar and Style:</p> <p>Ensure that grammar, punctuation, and capitalization are consistent throughout the text. The conclusion and recommendations section provides a strong finish to your research, summarizing the key findings and offering practical guidance for educators and policymakers. By addressing these suggestions and maintaining clear and error-free writing, the author might further enhance the clarity and impact of his/her conclusions and recommendations.</p> <p>5. References:</p> <p>The list of references appears to be correctly formatted according to the guidelines provided. However, I'd like to point out a couple of things:</p> <ul style="list-style-type: none">● Use of DOI: The author has included DOIs for most of the articles, which is encouraged by the guidelines. It's a good practice as it provides a direct link to the source.● Journals: The journal references are properly formatted with the author(s), title, journal name, volume, issue (if available), page numbers, and publication year.● Book References: The book references are also well-structured, including the authors, title, edition, place of publication, and publisher.● Edited Publications: When referencing edited publications (book chapters), the author has included the chapter title and the editors' names along with the book title and other relevant information.● Web Resources: For web resources or electronic articles, the author has included the title, authors (if available), the source (e.g., Global Health), the year of publication, volume (if applicable), page numbers (if applicable), and the access date. This is in line with the provided guidelines.● Organization as Author: The author has correctly formatted references when an organization is the author, including the organization's name and the publication details. <p>Overall, the references seem to follow the guidelines provided by the journal, and they are formatted correctly. However, please make sure that the accuracy of the references are double-checked, such as ensuring that the author names, titles, and publication years match the original sources. Also, confirm that any DOI or URL links are accurate and functional.</p> <p>In summary, while the manuscript presents valuable research on the relationship between action competence and environmental citizenship among teacher education students, it requires certain adjustments to align with the journal's guidelines. The author should focus on reducing the word count, structuring the abstract, including missing sections, formatting P-values, and ensuring proper referencing to enhance the manuscript's suitability for publication in the journal.</p>	
--	--	--

[Review Form 1.7](#)

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>	

Reviewer Details:

Name:	Smriti Rekha
Department, University & Country	School of Education, K.R. Mangalam University, India