

### Review Form 3

Journal Name:	<a href="#">Archives of Current Research International</a>
Manuscript Number:	Ms_ACRI_128102
Title of the Manuscript:	A Socio-Economic Analysis on Shrimp Culture ( <i>Litopenaeus Vannamei</i> ) in Godavari Districts of Andhra Pradesh
Type of the Article	Original Research Article

#### General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### 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>
<p><b>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.</b></p>	<p>This manuscript is crucial for understanding the socio-economic dynamics of shrimp farming, particularly in the Godavari districts of Andhra Pradesh. It provides a detailed analysis of profitability, resource use efficiency, and key challenges, such as high feed costs and disease outbreaks, offering insights into optimizing farm practices. The study's policy recommendations, including subsidized feed and seed certification, are actionable and relevant for enhancing sustainability. While region-specific, its findings are scalable to other aquaculture systems, contributing valuable knowledge to global efforts aimed at improving the efficiency and resilience of shrimp farming. This holistic approach deepens the understanding of shrimp farming's role in enhancing livelihoods in the Godavari districts. By utilizing the Cobb-Douglas production function and resource use efficiency metrics, the study identifies inefficiencies in input utilization, such as feed and probiotics, offering valuable insights for optimizing farm-level practices to improve both productivity and profitability.</p> <p>While the study focuses on the Godavari districts, its methodology and conclusions are scalable and can inform practices in other regions with similar aquaculture dynamics. This adaptability enhances the broader applicability and significance of the research. Moreover, the manuscript contributes valuable data and analysis to the global literature on aquaculture economics, particularly from the perspective of a developing country's shrimp farming sector. Such contributions are vital for comparative studies and the formulation of global best practices in aquaculture. Overall, this manuscript stands as a critical resource for researchers, policymakers, and practitioners seeking to advance the sustainability and efficiency of shrimp farming worldwide.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The current title is suitable and descriptive of the manuscript content. No changes are necessary.</p>	

**Review Form 3**

<p><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></p>	<p>The abstract is comprehensive and includes key elements such as objectives, methodology, results, and implications.</p>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>The manuscript is scientifically sound, with a well-defined methodology and robust statistical analysis, including the Cobb-Douglas production function and resource use efficiency metrics.                  Suggestion1: Expand on how the findings can be generalized or contextualized to other aquaculture systems globally.                  Suggestions2: The manuscript should include comparisons with findings from other researchers to provide broader context and highlight the relevance of its conclusions in relation to the existing literature.                  Suggestion3: The influence of seasonality on production is mentioned, but it is not clear how this affects costs and profitability. A brief analysis of the cost/profit differences between seasons (e.g., summer vs. winter) could be valuable.                  Suggestion4: The methodology is described clearly, but it could be further detailed to ensure easier replicability by other researchers. For example, providing more information about the farm selection process or specifying the exact data collection tools would contribute to a better understanding and application of the method.                  Suggestion5: The manuscript could benefit from a more detailed description of the studied area, providing both geographical and socio-economic context. This would help readers better understand the characteristics of the region and their relevance to the study's findings. These factors could further enrich the understanding of the challenges and opportunities faced by shrimp farmers in the region.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>References are sufficient and recent. However, the manuscript could benefit from a greater number of references, providing a broader perspective and a more comprehensive context in relation to existing research</p>	
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language is clear and suitable for scholarly communication. A minor copy-edit to correct typographical errors (e.g., redundant commas and grammatical corrections) is recommended.</p>	
<p><b>Optional/General</b> comments</p>	<p>The manuscript could benefit from a more detailed discussion on how the identified constraints (e.g., disease outbreaks and feed costs) have been addressed in other regions, to propose actionable solutions.</p> <p><b>This manuscript is well-structured and scientifically robust. Minor revisions are required to refine the abstract, enhance global applicability, and ensure linguistic precision.</b></p>	

**PART 2:**

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

**Reviewer Details:**

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