

Review Form 3

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_125937
Title of the Manuscript:	Pricing of Groundwater and Constraints of Farmers in Groundwater Marketing In North Eastern Karnataka
Type of the 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: 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>Considering that agricultural sector is the largest consumer of water, presenting integrated management for water resources and formulating effective policies to increase water productivity in this sector is essential. Scarcity of water resources and human's inability to produce it has caused the gap between water supply and demand to increase, especially in recent decades, and there is a water supply shortage in most regions of the world. In the field of policy making, today many efforts have been made to reduce water consumption in the agricultural sector and improve its allocation among different activities.</p> <p>In general, the desired management of demand through pricing can provide reasons for strengthening the economic role of water in development by providing a part of the financial needs of the water sector. More efficient use will also improve the productivity of agricultural inputs, including water. Therefore, water pricing is considered as a suitable management tool to create compatibility between the practical and real activities of water users and related services with development goals and strategies.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title determined by the author/authors is suitable according to the content of the article. Because in the content of the article and the obtained results, an effort has been made to see the effects of agricultural water pricing in the production of selected products. It has also been tried to investigate and determine the most important limitations of water marketing in the study area.</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>No, in the abstract above, immediately after the sampling method, the research method and the tool or approach used to calculate and analyze the price of water in the production of products (according to the equations used in the research method section of the article, the cost calculation method water and Garrett's ranking technique be mentioned).</p> <p>Also, suggestions or policy recommendations of the present research should be given in the last part of the abstract (after the summary of the results).</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, by examining the different sections of the article, it was observed that the sectioning and structure of the article (including the title, abstract, introduction, research method, results, final conclusion, discussion, and sources) has been correctly observed.</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>By checking in the results section, it was observed that the findings of this research are in accordance with the research method of the article and the calculation of some items with a thumb calculator also shows similar and almost close values. It seems that the simple structure of the calculations in this research, which is presented in the research method section, indicates the accuracy and correctness of the results and findings. Therefore, we can trust the information as well as the statistical results obtained in this 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>:</p>	<p>Yes, the current research references are up-to-date and comprehensive and can be cited. With the investigation done in the sources and references section, it was observed that only a few researches are related to the past years and are far away; But most of the researches used in this research are for years higher than 2015.</p> <p>Regarding the policy of agricultural water resources, it is suggested to refer to the studies of Professor Howitt and Madeline Azura, which are often done in the sub-regions of California. These studies include:</p> <ol style="list-style-type: none"> 1- Medellan-Azuara, J., Harou, J.J., Howitt, R.E. (2011). Predicting farmer responses to water pricing, rationing and subsidies assuming profit maximizing investment in irrigation technology. <i>Science of the Agricultural Water Management</i>, 108(1): 73–82. 2- Medellin-Azuara, J., Harou, j., and Howitt, R.E. (2010). Estimating economic value of agricultural water under changing conditions and the effects of spatial aggregation. <i>Science of the Total Environment</i>, 408: 5639-5648. 3- Howitt, R. E., Medellin-Azuara, J., MacEwan, D. and Lund, R. (2012). Calibrating disaggregates economic models of agricultural production and water management. <i>Science of the Environmental Modeling and Software</i>, 38: 244-258. 	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, in general terms, it can be said that the quality of the English language of the article is almost acceptable and appropriate. It is only suggested:</p> <p>1- Some keywords and words in the text should be reviewed. Due to the presence of extra space and spelling mistakes, some words in the text need revision and correction. These words can be seen automatically in the text of the article with a blue underline.</p> <p>2- It is recommended. The text of the article should be reviewed by an expert or an English translator after making the necessary corrections.</p>	
<p>Optional/General comments</p>	<p>In general, it is recommended that the following items must be seen in the content and text of the article:</p> <p>1- Correcting words that have been used incorrectly in the text due to spelling and extra space.</p> <p>2- Make the necessary corrections in the abstract section as stated.</p> <p>3- The tables in the results section should have a more homogeneous and appropriate structure.</p> <p>4- The resources mentioned in the previous points must be used in line with the policy of water resources.</p> <p>5- The suggestions presented in this research should be more practical. Avoid making generalizations in the suggestions section and use the recommendations and suggestions that are practical and applicable in the study area according to the results obtained in this research.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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></p>
<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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