

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_96604
Title of the Manuscript:	Techno Economic Assessment of Axial Flow Pumps in Thrissur Kole lands
Type of the Article	Original Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	1. The manuscript is important for scientific community to give information about the application of axial flow pump for paddy systems in terms of technical and economical performances. 2. The title is suitable. 3. The abstract is already complete. 4. There is some content that may be missing from the subsection: 2.2.1 Petty and para pump (PPP), 2.3 Evaluation of the characteristics of axial flow pumps It is highly recommended to draw pictures in Figure 2 using tools, such as AUTOCAD 5. The manuscript needs some corrections: In equation (2), the placement of quotations may not be in the equation but in the text. In equations (2)-(6), v, d, and V cannot be used to describe several different things with the same symbols: v = Velocity of flow d = Inside diameter of the pipe v = Flow velocity d = Diameter of the pipe v = Kinematic viscosity V = flow velocity V = Voltage 6. References are not sufficient, please review more literature on axial flow pump applications and place them in the INTRODUCTION.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The language quality is suitable for scholarly communications.	
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

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