



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_53577
Title of the Manuscript:	Challenges and Opportunities of Irrigation Practices in Ethiopia, A Review
Type of the Article	Review 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<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)
<b>Compulsory</b> REVISION comments	<p><b>Line 191 to 203 is not clear it needs to be rewritten to know have the flow with other paragraphs.</b></p>	
<b>Minor</b> REVISION comments	<p>Line 25, You need to clarify whether the author is <b>Awulachewu or Awulachew</b>. Secondly there are only two authors so you need to write <b>Awulachew and Mekonnen (2011)</b>. Line 30 replace to the country with of the country. Line 34 replace ...improving the rural standard with improve the rural standard Line 39 introduce commas like this .Due to this, Ethiopia, is considered Line 45 remove a that is ...in chronic... Line 58 you need to delete this part of the sentence to bring sense to the idea I mean write (In attempting to do so, the country) delete this and start with Ethiopia ... Line 61, remove Ethiopia because the country is there Line 64 replace towards the with in ...problems in development and management... Line 72 Rewrite the objective to read To review irrigation practices challenges.</p> <p>Line 79 write demand and not demands</p> <p>Line 83 you need to introduce word ...among others... Line 87 you need to introduce a – as shown ...1950s-Metri-Agro industry in the upper and Amibara in lower Awash Valley</p> <p>91 and 92 write Subsistence farming that is dominant in the country economy can be improved through the use of irrigation activity Line 94 you need to tell us population growth rate Line 95 remove a before power Table 1 column three you need to remove scheme ha and leave as water management Line 105 you need to write irrigation schemes and not irrigation scheme Line 106 write each year and not year to year 115 to 119 you need to rewrite by removing what I have cancelled <del>Bacha et al. (2011) states that about the impact of small-scale irrigation on household poverty in central Ethiopia, reported that land productivity, asset ownership, credit utilization, extension support, resilience to poverty, mean off-farm income, and mean food consumption and expenditure on food and non-food property were extensively higher for irrigators than non-irrigators. Poverty eradication and food security are among the priority</del></p>	



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	<p>concerns of the government in Ethiopia...</p> <p>Line 124 you need to include are i.e. ... are explained</p> <p>Line 126</p> <p>Write</p> <p>Challenges Facing Irrigation Practices</p> <p>Line 133</p> <p>Start another sentence and remove and</p> <p>Drainage system...</p> <p>Line 136 Is the author Wagne, 2004 or Waganew</p> <p>Line 142 and 143 is not clear. You ought to break the sentence</p> <p>Remove the sentence, it has been repeated</p> <p>The most serious environmental hazard caused by irrigation schemes were salinity and the loss of valuable land because of it</p> <p>Line 155 needs to be rewritten by putting a comma</p> <p>Line 177 this reference is missing (Mekuria and Berhanu, 2006).</p> <p>Line 188</p> <p>Re write like this by adding these words</p> <p>That means illiterate farmers <b>find it</b> difficult to practice irrigation</p> <p>Line 197 add do</p> <p>...farmers <b>do</b> not accept the...</p> <p>Line 206 remove apostrophe that is ...practices.</p> <p>Line 207 need to be written well.</p> <p>Line 208 write in addition you ought to leave a space</p> <p>Line 224 needs re-writing</p> <p>233 Write Kebele</p> <p>257 write small i for input</p> <p>Line 264 should read, I have removed were</p> <p>The farmers complained on the failure...</p> <p>Line 270 What are FTCs?</p> <p>Line 277 ...diversion weir that collapsed...</p> <p>Line 279 you need to write This was associated...</p> <p>Line 306</p> <p>...collateral to get credit otherwise access was impossible...</p> <p>Line 321</p> <p>There are only two authors so there is no need for et al. <b>Nata and Asmelash</b></p> <p>Line 323</p> <p>Write Table 2 instead of Table 1</p> <p>Your table 2 is on net income and I don't see Birr or USD,</p> <p>What does N stand for?</p> <p>What is the need of P value and you had not mentioned in the introduction?</p> <p>Line 353 you need to write strengthened</p> <p>Line 359 to 360</p> <p>Write as this</p> <p>This is because sustainability cannot be achieved without the community participation.</p> <p>I have removed is</p>	
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	<p>Line 391: I did see this reference cited in the text. Line 439: I did see this reference cited in the text. Line 464 introduce fulls tops in the initials of the name Reddy R.N.</p>	
<b>Optional/General</b> comments		

**PART 2:**

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

**Reviewer Details:**

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Department, University & Country	<b><i>University of Eldoret, Kenya</i></b>