



SDI Review Form 1.6

Journal Name:	Asian Soil Research Journal
Manuscript Number:	Ms_ASRJ_48086
Title of the Manuscript:	ASSESSMENT OF SOIL QUALITY IRRIGATED WITH TUBE WELL WATER AT UNIVERSITY FADAMA FARM JEGA, KEBBI STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, ALIERO
Type of the 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>)

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	<p>The paper is important because it provides information about the management of irrigation water to avoid problems of pollution and soil degradation. The materials and methods are well presented and in full form.</p> <p>The results are clear in the text, but the editing of table numbers should be improved since they are confusing. To complete the objective, soil samples should have been taken outside the influence of irrigation to determine the variations with and without irrigation. Although the quality of the irrigation water presents a low risk of salinization and / or sodification, the characteristics of the sand loam soil, low CEC values, cation saturation due to low Ca and Mg, mean that ESP values are around 10% , which although they are below 15 for a sodic soil, is surely affecting the physical properties, structural stability, permeability and porosity of the soil, for which it should be noticed, since degradation symptoms have begun to occur, even with water of relatively good quality. These observations are not taken into account in the conclusions, expect to find values of ESP > 15 and the level of degradation will be high.</p>	<p>The tables has been re-edited and conclusion was made to include the values of pH, EC and SAR(ESP).</p>
Minor REVISION comments	<p>The research is well planned and provides important results, which are not correctly interpreted, especially the edaphic parameters, which must be revised and prevent the consequences of the irrigation, propose to implement amendments to adjust the sheets and times of irrigation, since with water of relatively good quality degradation of the land can occur, due to the physical and chemical characteristics of the same.</p>	<p>The conclusion has been adjusted to state that fertility status of the soils of the study area is low and therefore must be supplemented with both organic and inorganic fertilizer.</p>
Optional/General comments		



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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>	