



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_6353
Title of the Manuscript:	PERIODIC IMPACT ASSESSMENT AND MAINTENANCE OF GROUNDWATER QUALITY – A CHALLENGE FOR AGRICULTURE
Type of the Article	Research Paper

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

	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)
<u>Compulsory</u> REVISION comments	Good job has done. The paper is in clear English and well organized. It reports a good experience in the topic of ground water use and can be followed by the other investigators for the general concept of ground water use, local and master plans. So the paper is good to publish for this journal after some minor revisions.	Thanks for the encouraging comments.
<u>Minor</u> REVISION comments	In the section of "Irrigation Water Quality Standards and Classification" it seems there is no need to have all those table of standard from different studies. The authors can keep one international standard and those of local standard or generally those that used in this study and omit the others. A little explain for each also will be helpful. Many titles are in this paper; some can be omitted or can be merged together, like in Introduction part "General" and "Case Study of Pakistan" or the titles of "Irrigation water Quality" and "Irrigation Water Quality Standards and Classification".	Done. The tables with standards have been removed as kindly suggested by the reviewer. Just two tables with international and local standards have been retained. Done. Title "General" and "Irrigation Water Quality Standards and Classification" have been omitted.



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<u>Optional/General</u> comments	Figures 3-14 are only displaying of the data printed in table 14. There is no need to display them all in individual graphs. Figure 2 also donot contain specific information in it. The location of wells in the study area was not shown. I suggest the authors to omit Figure 2 and 3-14 and instead show the location of well in the study area. It would also be very helpful if the authors could show the special distribution of parameters shown in Table 14 in this map with false colour for the observed concentration of each well together with the location of wells. Like those developed in Saeedi, Abessi · Sharifi · Hmed Meraji (2009) “Development of groundwater quality index”. Instead of rare data some results can also be displayed, in graphs or maps together with the location of wells like those mentioned above.	Done. Figures 3-14 removed. So table 14 is the representative of all data. Done. Figure 2-14 are omitted as suggested. A New figure showing the locations of study area/sample sites has been added. The parameters given in Table 14 are shown in the new map added, as suggested. Done
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