



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_14685
Title of the Manuscript:	Chemical and Pesticides uses status in the Chalan beel, Bangladesh and its impact on fish Biodiversity
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:

(<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)
Compulsory REVISION comments	Statistical analyzes mentioned in item "2.3 Data processing and analysis" should be presented in the results. The manuscript presents many enlightening information on agriculture and pesticide use in Chalan Beel, but not all are useful for correlation with the fishes and biodiversity. Are there reports of fish deaths before 2007? If so, this should be mentioned. The use of pesticides occurs for decades and it is not possible to say that they are responsible for fish mortality occurred only in 2007-2008. This perception should be better grounded. Lack of reference of data presented at lines 252-253. Emphasize that the decline in fish production due to the use of pesticides is based solely on the perception of respondents, although other factors such as mentioned at lines 211-212, as well as the cultivated areas increasing, habitat destruction and overfishing possibly are also affecting the production of fish over time. Cite data analysis of pesticides in fish tissues or the	Sorry for mistake. We made correction. Actually we want to present the total scenario of agrochemicals use status of Chalan Beel. Some chemicals are very harmful for aquatic biodiversity and being banned by the Government and which chemicals are being permitted for use farmers don't know the exact dose of them ultimately drain out all the chemicals into the water body. Thank you very much for this point. Yes fish mortality occurs sometimes before 2007 but the fish production become decreasing day by day. Using more and more agrochemicals is one of the major issues behind this. This perception is also coming from the fish farmers associated to Chalan beel fishing. Again thanks for this point. We have used refereces.



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	environment, if any.	
<u>Minor</u> REVISION comments	The figure 1 must be increased to enable reading and understanding. Item numbers must be reviewed and corrected. Check references to tables 7 and 8 in the text, I believe are inverted. There are [4] twice and none [5] at references.	We have changed and increased the font and resolution of the Figure 1. Have made corrections. Have made corrections. Have made correction.
<u>Optional/General</u> comments	The manuscript presents interesting data usually found only in technical reports that are important for the social and environmental management and conservation, but it can be improved to a paper	Thank you very much for your valuable coments.