



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_37913
Title of the Manuscript:	Monitoring water quality in a reservoir of the semi-arid region using remote sensing
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>)

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	In general the paper is well written and the subject matter is of interest. The paper aims to evaluate the use of remote sensing as an aid to monitoring water quality and to analyze the application of bio-optical models that estimate the Chi-a in the reservoir of the semi-arid region of Brazil.	
Minor REVISION comments	The paper needs an English revision. An example of this is the use of the word work in line 37, when the most correct would be paper. The conclusion is too short and should be increased, based on the results obtained. Another question would be an explanation of why the collection points are so concentrated in a particular region of the reservoir when the purpose of the paper is to evaluate the quality of the water in the entire reservoir. Will these points really be significant and allow the expansion of the results and conclusions for the entire reservoir?	The word has been replaced by research. The conclusion was increased by two more paragraphs, in which it demonstrates the probable causes for the results. The points were selected according to the water volume of the reservoir; observe that the image of the study area was altered, adding a water mirror of the year 2014 (beginning of the research), in which the volume reduction is observed, so the points are representative. A paragraph was added explaining this fact and another explaining what is CONAMA. The suggestions in figure 8 were changed. The equations were rewritten using Microsoft equation 3.0 (word). The translation of this reserach was done by a native of England with a degree in language by the University of Sussex (Attached statement of translator).
Optional/General comments		