



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	2014_AIR_11317
Title of the Manuscript:	Impact of solar radiation intensity on temperature, relative humidity, wind speed and direction in Lubigi <i>Cyperus papyrus</i> L. wetland surface
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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	<ul style="list-style-type: none"> ➤ What is difference between daily hourly solar radiation (PAR) and photo-synthetically active radiation (PAR) ➤ Time hour 21.00 to 2100 has been mentioned in two places. Is it right ➤ Why the author has taken September in the year 2010 and June in the year 2011. It should be in the same year ➤ During dry season the RH should be low but in this case it is high, Why ➤ Hourly temperature in the month of September is some time higher than in the month of June and some time it is less , why ➤ Table 5 shows that PAR at 1.00 hour is quite higher in the month of September as compared to that in the month of June but the temperature is not higher, why 	<p>The phrase daily hourly solar radiation has been deleted. The correction was done.</p> <p>Therefore was a break down in the system.</p> <p>The RH difference is as a result of evapo-transpiration difference in the water logged area (wetland). What controls temperature is amount of solar absorbed in atmosphere by the vapour molecules (RH) which is influence by evapo-transpiration. This not constant as well.</p> <p>This attributed to high wind speed and cool southerly wind blowing over the area.</p>
<u>Optional/General</u> comments		