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### **SDI Review Form 1.6**

| Journal Name:            | Current Journal of Applied Science and Technology                             |
|--------------------------|---|
| Manuscript Number:       | Ms_CJAST_53506  |
| Title of the Manuscript: | Solar energy applications in fixed water recirculation system for aquaculture |
| 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 | Equation on L143 is incorrect, unfortunately I cannot check it because the reference (Summerfelt 2001) is not in the references at the end  |   |
|                              | Equation on L148 also does not make sense. The units don't seem to match, but it is difficult to check because the description around the equations is messy.   |   |
| Minor REVISION comments      | The abstract is too extense. L49 "they the system" L89: "w" → "W", "150 AH" → "150 Ah" separate values from units by a space everywhere. L98 "Fig2" → "Fig. 2" L142, 148, 156, etc: all equations come out with errors!! All variables in <i>italics</i> . "m3" → "m <sup>3</sup> " |   |
| Optional/General comments    | The document might be publishable, but the document is written in too low quality. I gave up trying after the equations on page 7.  Authors should rewrite the manuscript and resubmit.   |   |

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## PART 2:

|  |   | <b>Author's comment</b> (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) |
|--|---|--|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) |  |

### **Reviewer Details:**

| Name:                            | Peter Stallinga                          |
|----------------------------------|--|
| Department, University & Country | University of The Algarve Faro, Portugal |

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