

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <a href="#">Asian Journal of Research in Zoology</a>   |
| Manuscript Number:       | Ms_AJRIZ_128590  |
| Title of the Manuscript: | Aquatic Temperature and its Ecological Systems. A Review of Knowledge and Approaches for Studying Aqua-biota Responses, a beam on Niger Delta, Nigeria |
| Type of the Article      | Review article   |

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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**Review Form 3**

**PART 1: Comments**

|   | <b>Reviewer's comment</b>   | <b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|---|---|
| <b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b> | This review paper beams on the complexity of aquatic temperature in the ecological system; the need of being knowledgeable in tempo-spatial variability, the various responses of aqua-biota to temperature thermal stress; the anthropogenic agenda that modified the aquatic temperature and the current threat to aquatic ecology systems the climate change   |   |
| <b>Is the title of the article suitable? (If not please suggest an alternative title)</b>   | <b>yes</b>  |   |
| <b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>      | <b>comprehensive</b>  |   |
| <b>Is the manuscript scientifically, correct? Please write here.</b>  | yes   |   |
| <b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>                              | yes   |   |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b>  | yes   |   |
| <b>Optional/General</b> comments  | The review has pointed out that there is dearth of information in temperature related data in Niger Delta Region. Baseline data on aquatic temperature and thermal needs of aqua-biota is very vital to the appropriate management of the aquatic ecological systems. It is necessary that this knowledge gap be worked on through a composite study on the aquatic ecological systems and its temperature details, through an experimental design of in-situ and ex-situ studies targeting on biotic responses to thermal triggers, and subjecting it to exact aquatic temperature model |   |

**PART 2:**

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

**Reviewer Details:**

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|----------------------------------|---|
| Name:                            | <b>Raju Potharaju</b>                             |
| Department, University & Country | <b>CKM Govt Arts &amp; Science College, India</b> |