

**Review Form 1.7**

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|--------------------------|--|
| Journal Name:            | <b>International Journal of Environment and Climate Change</b>           |
| Manuscript Number:       | <b>Ms_IJECC_115659</b>   |
| Title of the Manuscript: | <b>Assessing the health of Dachigam stream: A water quality Analysis</b> |
| Type of the Article      |  |

## Review Form 1.7

### 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) |
|--|--|---|
| <p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>The manuscript is scientific. Information contained in this work supplements greatly that available in environmental science.</p> <p>Title does not properly capture the details of the study, especially the general objective. I suggest the author to first generate a clear general objective and then make the title from the general objective. E.g. Concentration of Physico-chemical Parameters in Water Across Seasons Along Dachigam River, (Province), India.</p> <p>The abstract lacks in summary of the whole work. There is no clear mention of: objective, methods, results, data collection and analysis, and conclusion. What are the standard or accepted limits for the parameters?</p> <p>The subsections are appropriate. However, the work is poorly formatted; paragraphs are long and lack objectivity.</p> <p>Manuscript qualifies to be a scientific research. Is Dachigan a river or a stream? What is the socio-economic importance of the stream/river to justify a scientific study? This is not clear? What informed the physico-chemical parameters chosen for study? Research Design, Sampling and Sample Size are not cleared established.</p> <p>The references are too many. A good number of them are also very old; as old as 1950s! Recent references are plenty and available on Google Scholar. Author should use references of the years between 2010 and 2023.</p> |   |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | <p>Language used is good. Work should be revised and a few grammatical and formatting errors corrected. Meanwhile, the author should:</p> <ul style="list-style-type: none"> <li>- Replace 'water transparency' with 'water clarity'</li> <li>- Replace 'decrement' with 'decrease'</li> <li>- Replace 'element concentrations' with parameter concentrations/values'</li> <li>- Make paragraphs shorter and precise but comprehensive</li> </ul>  |   |
| <p><b>Optional/General</b> comments</p>  | <ul style="list-style-type: none"> <li>- Once again, what are the accepted limits from which conclusions are drawn on whether the parameter concentrations are high or low? A statistical analysis on the same should be provided.</li> <li>- Is water from the river safe or not safe for human consumption, given the results of this study?</li> <li>- The author should accurately define pH. Does water volume affect water pH? And does water volume affect water electrical conductivity? The author needs to research more. The references cited in this regard are very old, 1952 and 1968! Very recent ones exist.</li> </ul>  |   |

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**PART 2:**

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(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)</i> |
|---|--|---|
| <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>Thadius N. Maisa</b>           |
| Department, University & Country | <b>Kenyatta University, Kenya</b> |