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| Book Name: | [Science and Technology: Developments and Applications](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5136** |
| Title of the Manuscript: | **Assessment of physiochemical water quality parameters in and around Warangal district of Telangana state** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Scientific Research and Reports, 31(3): 137-145, 2025.**

**DOI:**[**10.9734/jsrr/2025/v31i32886**](https://doi.org/10.9734/jsrr/2025/v31i32886)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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.** | **The manuscript is important to the scientific community: that Warangal district, a semi-arid area is characterized by extreme weather which are significant determinats of the concentrations of physicochemical parameters. It is pertinent to note that the araea is agrarian with notable industrial activities as well, especially dyeing industries. This means that there is high tendency of water sources pollution/contamination. Therefore, analyses to determine concentrations of the water quality parameters will go a long way to educate the residents on the water quality in their districts and consequently be conscious of water management, sanitation and hygiene (WASH)** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **It is suitable** |  |
| 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. | * **The abstract is good but there is the need to state the aim/of the study immediately after your brief introduction.** * **Capture the water quality analysis methods/procedures briefly in the abstract** * **State the standard that form the basis of the measurement of the water quality such WHO, Indain Water Quality Standard, ISO, Canada …….** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct for the study has been able state clearly state that water quality in the Warangal district has been compromised through the disposal of wastes and agricultural activities. The methods employed using random sampling and the statistical analysis such as** descriptive statistical analysis, correlation analysis and Karl Pearson's Coefficient of Correlation are scientific enough. Similarly, the determined values of the physicochemical parameters pointing out their concentrations with some above the permissible limits and the possible effects worth accentuating.  However, you would need to state the like cause/reason for the high and low concentrations of the physicochemical parameters. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **There are 15 refernces, addition of 5 recent refernces will add value to the work . The ideal references should be 10 ten years to date.**  **Refernce No. 13 has no date.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | It is very suitable |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Simon Stephen Mshelia, Federal University Gashua, Nigeria**