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| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4454** |
| Title of the Manuscript: | **BIOGEOCHEMISTRY OF PHOSPHORUS CYCLING IN THE COCHIN BACKWATERS - SOUTHWEST COAST OF INDIA** |
| Type of the Article | **Book Chapter** |

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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 minimumof 3-4 sentences may be required for this part.** | Upon reading the manuscript submitted by the authors, I find it both interesting and relevant. It clearly presents the biogeochemical cycle of nutrients, thus facilitating the understanding of the ecological functioning of the studied ecosystem. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | The presented manuscript is correct overall, but still requires some minor formal corrections before publication. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/Generalcomments | I recommend that the authors insert a comma after "et al." due to the existence of a comma separating the name of an author or two authors from the year. Furthermore, it would be desirable for them to systematically add the unit of measurement for salinity (PSU) whenever they present salinity values as well as on the scales of the graphs. I also invite the authors to standardize their presentation of units, for example by using mg/g instead of mg.g-1. Figures 3 to 6 lack an explanatory legend regarding the meaning of the colors used. Finally, it should be noted that the majority of the cited references are old; would it be possible for the authors to include recent studies from 2020 to 2024? |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Roger Lingofo Bolaya** |
| Department, University & Country | **University of Kisangani, Democratic Republic of Congo** |