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| Book Name: | [**Current Research on Geography, Earth Science and Environment**](https://bookstore.bookpi.org/product/current-research-on-geography-earth-science-and-environment-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6430** |
| Title of the Manuscript: | **Influence of some environmental factors on the seasonal dynamics of nitrogen and phosphorus in the open waters of the Fresco lagoon, Côte d’Ivoire** |
| 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 Global Ecology and Environment, 21(3):386-401, 2025.**

**DOI: 10.56557/jogee/2025/v21i39657**

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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.** | **This study addresses the seasonal dynamics of nitrogen and phosphorus in the Fresco Lagoon, Côte d’Ivoire. The topic is important because it explores the link between environmental factors (temperature, salinity, dissolved oxygen, etc.) and eutrophication, which is a serious threat to aquatic ecosystems. The findings provide useful insights for scientists and policymakers in the management of coastal water resources.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is clear and appropriate. No changes are needed.** |  |
| 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 generally comprehensive, covering the objective, methods, main results, and conclusion. Suggestions:**   * **A stronger statement on the practical importance of the results (e.g., their relevance for water management strategies) could be added.** * **A concluding sentence should emphasize the significance of the study for the scientific community.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically sound. The methodology is well described (sampling stations, analysis of nutrients, PCA), and the results are supported by tables and discussion. Suggestions:**   * **The discussion could be improved by strengthening the comparison with previous studies.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are adequate and relatively recent (2020–2025). Minor suggestion: Add a few more references dealing with lagoon management or environmental policies to reinforce the applied perspective.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The English is understandable and generally suitable for scholarly communication. Suggestions:**   * **Some sentences are very long and could be simplified.** * **Minor grammatical issues and repetitive phrases (e.g., “open waters”) should be corrected.** |  |
| 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)*  No ethical issues are detected. |  |

**Reviewer details:**

**Aqeel D.Salman, Iraq**