

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_130701
Title of the Manuscript:	Estimation of Distribution NO ₂ In East Java From 2019-2021 And the Factors That Improve It
Type of the Article	Short Research 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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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The subject matter being discussed in this manuscript provides a significant contribution to environmental science by analysing the distribution of nitrogen dioxide (NO ₂) in East Java over three years. Also, this paper is important as it evaluates the impact of the COVID-19 pandemic on air pollution levels, offering valuable insights into the role of human activities in NO ₂ emissions.	We appreciate your recognition of our study's contribution to environmental science, particularly in analyzing NO ₂ distribution in East Java and the impact of COVID-19 on air pollution. Your comments reinforce the significance of our findings for policymakers and environmental management.
Is the title of the article suitable? (If not please suggest an alternative title)	The present title is clear and also it accurately reflects the study's focus	We appreciate your positive assessment and are glad that the title effectively conveys the focus of our study. However, based on suggestion from other reviewers, we have revised the title to: "Affecting Factors of NO ₂ Distribution between 2019–2021 in East Java."
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 covers all the key elements, but the wording can be refined for better clarity.	We have revised the abstract to improve clarity while ensuring that all key elements remain well-presented.
Are subsections and structure of the manuscript appropriate?	The subsections and structure are well organized; guides the readers smoothly through history, impacts, and solutions. The manuscript is well-structured with clear sections, including an introduction, methodology, results, discussion, and conclusion	We are glad to hear that you find the manuscript well-structured and that the organization effectively guides readers through the key aspects of the study.
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The review paper is scientifically sound great, cited with recent and valid research possible. Statistical Analysis: The paper presents NO ₂ trends over time, but a deeper statistical evaluation (e.g., regression analysis, correlation with population density) would strengthen the conclusions. Hoverer, A discussion on the accuracy of Sentinel-5P data and potential biases would enhance credibility.	This study is a descriptive study that emphasizes the observation of phenomena from existing literature to estimate the contributing factors of NO ₂ emission sources based on satellite image observations. The absence of statistical analysis may be a limitation of this study due to the unavailability of a statistically sufficient sample dataset.

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The citation method is correct. The references are adequate and up to date, including the latest from 2020 -2023.</p> <p>The authors could consider adding more on NO₂ distribution and satellite-based air quality monitoring would provide a broader context.You may referefe to WHO reports in the subject matter.</p>	<p>We appreciate your suggestion and have added several references, including studies on NO₂ distribution and satellite-based air quality monitoring.</p>
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Language is clear and scholarly, yet it needs thorough proofreading would improve readability. Also Some figures and charts could be better labeled to improve clarity.</p>	<p>We have thoroughly proofread the text to enhance readability. Additionally, the figures and charts have been properly labeled.</p>
<p>Optional/General comments</p>	<p>Overall, the manuscript is scholarly written with a clear review paper format, addressing language clarity, statistical analysis, and structural improvements will significantly enhance the manuscript's quality</p>	<p>Structural improvements have been made, particularly in the title and abstract. Also the structure of figures and graphics has been refined. The absence of statistical analysis may be a limitation of this study due to the limited availability of a statistically sufficient sample dataset.</p>

PART 2:

	<p>Reviewer’s comment</p>	<p>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>
<p>Are there ethical issues in this manuscript?</p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	