

Review Form 3

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_129195
Title of the Manuscript:	Direction of Utilisation of the Regional Spatial Plan and its Impact on Environmental Change in Pohuwato Regency (Case Study in Buntulia District)
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript examines the alignment of regional spatial planning (RTRW) with land use in Buntulia District, Pohuwato Regency. It addresses a crucial topic as land-use changes impact environmental sustainability, which is of interest to spatial planners and environmental policymakers. The study's quantitative approach using spatial analysis is robust and adds value by highlighting discrepancies in planning implementation.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is descriptive and relevant. However, it could be refined for clarity, for example "Assessment of Regional Spatial Planning Utilisation and Environmental Impacts: A Case Study in Buntulia District, Pohuwato Regency."	

Review Form 3

<p>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.</p>	<p>The abstract provides an adequate summary of the study but could better highlight the policy recommendations. For instance, include specific mitigation strategies for land use non-conformity.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Introduction The introduction effectively contextualizes the importance of spatial planning in mitigating environmental degradation. However, the authors should consider including additional citations that highlight the utilization of regional spatial plans in other countries to provide a broader comparative perspective. Furthermore, it would be beneficial to discuss the legal implications of the current issue, emphasizing how non-compliance with the spatial plan could impact governance and environmental sustainability.</p> <p>Methodology</p> <ul style="list-style-type: none"> ○ The methodology section would benefit from citing previous studies or literature that support the chosen research method. Including sources that validate the quantitative descriptive approach and the use of GIS for spatial analysis would strengthen the methodological framework. ○ Provide more detailed explanations about the types of data collected from the field. Specify what is meant by 'certain research instruments'—for example, were these surveys, GPS tools, or interviews? Additionally, clarify which data specifically correspond to the first and second research objectives to ensure the alignment of data collection with the study's goals. ○ Include details on the sample selection process, such as how the study areas or participants were chosen, to enhance replicability. Discuss any potential limitations of the data collection methods or tools used and how these were addressed. If applicable, outline ethical considerations during the data collection process, such as obtaining permissions for field surveys or adhering to local regulations. <p>Result and Discussion</p> <ul style="list-style-type: none"> ○ The text in Table 1 is not clearly presented. Remove any unrelated or redundant data to improve clarity and focus. Ensure that all terms and data are presented in English to enhance accessibility for an international audience. ○ Translate all the information in Table 2 into English. Additionally, include a remark below the table explaining the abbreviations used (e.g., HLKP, HLKS, Sb, Pkb, and others). This will ensure that readers unfamiliar with these terms can fully understand the data presented. ○ In the discussion section 3.2.1, the statement 'based on the data table of conformity between spatial direction and land use in several villages' should explicitly reference the table being discussed. This will make it easier for readers to follow the analysis and connect it to the supporting data. ○ Ensure consistency in data presentation across all tables and figures, including units of measurement and labelling. Discuss any observed anomalies or unexpected findings in the data and provide possible explanations or implications for spatial planning. <p>Conclusion</p> <ul style="list-style-type: none"> ○ Please verify the period of the study mentioned in the conclusion. Earlier sections indicate that the period is 2012-2014, but this should be consistent throughout the manuscript. ○ Include a clear statement on the contribution of this study to the body of knowledge. For instance, emphasize how the findings advance understanding of regional spatial planning implementation and its environmental implications. ○ Expand the conclusion to discuss the broader impact of RTRW misuse and the conversion of green land into other forms of development. Highlight the environmental consequences, such as increased risks of flooding, loss of biodiversity, and disruption of ecological balance, to reinforce the urgency of adhering to spatial planning directives. ○ Propose actionable recommendations or policy implications based on the findings, such as stricter enforcement of RTRW or initiatives for land reclamation and conservation. ○ Ensure the conclusion ties back to the research objectives and summarizes how they were addressed. 	

Review Form 3

Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Need some more citation of previous studies. It could be benefit if the citation are from more recent references, especially on land use dynamics and spatial planning policies post-2020	
Is the language/English quality of the article suitable for scholarly communications?	While generally clear, some sentences are verbose and could be streamlined. For instance, simplify technical explanations in the discussion section to enhance readability	
Optional/General comments		

PART 2:

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

Reviewer Details:

Name:	Nur Khairiyah Mohammad
Department, University & Country	Universiti Teknologi Malaysia, Malaysia