

### Review Form 3

Journal Name:	<a href="#">South Asian Journal of Social Studies and Economics</a>
Manuscript Number:	Ms_SAJSSSE_129737
Title of the Manuscript:	Land Use Analysis of Lake Toba's Lakeside Area in Toba Regency Before and After Geopark Designation
Type of the Article	

#### **General guidelines for the Peer Review process:**

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**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<b>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.</b>		
<b>Is the manuscript scientifically, correct? Please write here.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>		

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<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b><u>Optional/General</u></b> comments</p>	<p>The study titled "Land Use Analysis of Lake Toba's Lakeside Area in Toba Regency Before and After Geopark Designation" is well-conducted but requires further modifications to align with the journal's publication criteria. The following points should be addressed and incorporated into the manuscript</p> <p>The timing frames of the study go from 2015 to 2023, which may have overlooked earlier land use dynamics to provide a more robust baseline from which to compare.</p> <p>The reliance on satellite imagery and secondary data might introduce inaccuracies, especially if the imagery resolution or secondary data sources are outdated or inconsistent.</p> <p>While drone-assisted surveys are mentioned, there is limited evidence of extensive ground truthing to validate satellite data and GIS analysis results.</p> <p>The study highlights the role of local communities but does not delve into specific strategies or frameworks to engage these stakeholders in a meaningful and measurable way.</p> <p>The analysis of zoning regulations and their enforcement appears limited, with insufficient exploration of gaps between policy and actual implementation.</p> <p>While improvements in phosphate levels and dissolved oxygen are discussed, the study lacks a broader set of environmental indicators (e.g., biodiversity metrics) to assess ecosystem health comprehensively.</p> <p>The study mentions economic benefits from tourism and community involvement but does not provide quantitative data or a cost-benefit analysis of these activities versus conservation</p>	

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	<p>efforts.</p> <p>The findings emphasize the success of the Geopark designation but may overgeneralize its impact without sufficient consideration of site-specific challenges.</p> <p>Although collaboration among governments, communities, and the private sector is encouraged, the study does not provide a detailed analysis of existing collaborative mechanisms or their effectiveness.</p> <p>The study lacks a clear framework or metrics to assess the sustainability of post-Geopark management practices, making it difficult to evaluate long-term outcomes.</p>	
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**PART 2:**

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

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