

### Review Form 1.7

Journal Name:	Asian Journal of Geographical Research
Manuscript Number:	Ms_AJGR_109436
Title of the Manuscript:	Site Selection for Wind Energy as an Alternative Source of Energy in Bonny, Nigeria
Type of the Article	

#### General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://journalajgr.com/index.php/AJGR/editorial-policy> )

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PART 1: Review Comments

	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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Overall, the manuscript is well-written and informative. The introduction provides a good overview of the topic and the research problem. The objectives are clear and concise. The study area is well-defined. The materials and methods section describes the research methodology in a clear and concise manner.</p> <p><b>Here are some specific comments on the manuscript:</b></p> <p>In the introduction, you could provide more specific information about the comparative advantage of Bonny Island for wind energy development. For example, you could mention the average wind speed at the site, the proximity to the coastline, or the availability of land.</p> <p>In the objectives section, you could add an objective to assess the economic and environmental feasibility of wind energy development on Bonny Island.</p> <p>In the study area section, you could provide a map of the study area with the location of the wind farm sites identified.</p> <p>In the materials and methods section, you could provide more details about the data sources used for the wind speed analysis and the AHP analysis.</p> <p>In the results section, you could provide a more detailed description of the wind farm suitability map, including the different levels of suitability and the areas that are not suitable for wind farm development.</p> <p>In the discussion section, you could discuss the implications of your findings for the development of wind energy on Bonny Island. You could also discuss the limitations of your study and suggest directions for future research.</p> <p>There are some grammar errors in the manuscript, the manuscript must be preview very well and effect appropriate corrections.</p> <p>Overall, the manuscript is a well-written and informative contribution to the literature on wind energy site selection. With some minor revisions, it could be suitable for publication in a peer-reviewed journal.</p> <p><b>Here are some specific suggestions for revisions:</b></p> <p>In the introduction, you could add the following sentence: "Bonny Island has a comparative advantage for wind energy development due to its high average wind speed, proximity to the coastline, and availability of land."</p> <p>In the objectives section, you could add the following objective: "To assess the economic and environmental feasibility of wind energy development on Bonny Island."</p> <p>In the study area section, you could add the following sentence: "The map of the study area (Figure 1) shows the location of the wind farm sites identified in this study."</p> <p>In the materials and methods section, you could add the following sentence: "The wind speed data was obtained from the Nigeria Meteorological Agency (NiMet). The AHP analysis was conducted using the Super Decision software."</p> <p>In the results section, you could add a paragraph that describes the different levels of</p>	

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	<p>suitability on the wind farm suitability map and the areas that are not suitable for wind farm development. For example, you could say:</p> <p>The wind farm suitability map (Figure 2) shows three levels of suitability: highly suitable, suitable, and not suitable. The highly suitable areas are those with high wind speeds and little to no competing land uses. The suitable areas are those with moderate wind speeds and some competing land uses. The not suitable areas are those with low wind speeds or significant competing land uses.</p> <p><b>In the discussion section, you could discuss the following points:</b></p> <ul style="list-style-type: none"><li>• The implications of your findings for the development of wind energy on Bonny Island. For example, you could discuss the potential benefits of wind energy development for the island, such as reducing reliance on fossil fuels and generating clean energy. You could also discuss the challenges that need to be addressed, such as obtaining the necessary permits and financing.</li><li>• The limitations of your study. For example, you could mention that you did not consider all of the factors that could affect the suitability of a site for wind farm development, such as the topography, geology of the area, hydrology, drainage system and soil conditions.</li><li>• Directions for future research. For example, you could suggest conducting a more detailed economic and environmental analysis of wind energy development on Bonny Island. You could also suggest conducting a field survey to collect additional data on the site suitability factors.</li></ul> <p>I hope these suggestions are helpful.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p><b>Optional/General</b> comments</p>		

PART 2:

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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>	