

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_105661</b>
Title of the Manuscript:	<b>Mapping Asian Elephant Habitat Suitability Index in Alur Taluk, Central Western Ghats: A GIS, Remote Sensing, and Analytical Hierarchy Process (AHP) Approach for Conservation Assessment</b>
Type of the Article	<b>Original Research Article</b>

### **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://www.journalijecc.com/index.php/IJECC/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>1. Yes, it is very important because it is a methodology applied to the habitat of an endangered species, the Asian elephant.</p> <p>2. Yes, considering the objective, methodology and results of the paper.</p> <p>3. As this is an important topic, it is essential that in the future they can see if this methodology can be applied in other Asian regions with elephant communities.</p> <p>4. Yes, the text is well structured.</p> <p>5. It's correct but needs making minor corrections.</p> <p>6. Only Krishnan, A. (2019) can be considered current. But this fact does not invalidate that other older references are important for the writing and confirmation of the results.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. Yes.</p>	
<p><b>Optional/General</b> comments</p>	<p>It is necessary to make the corrections or complete:</p> <p><b>ABSTRACT</b> . In which country was the study done?</p> <p><b>INTRODUCTION</b> . It is necessary to make a detailed location of the analyzed space: geographical coordinates and area (hectares). . Is the study area protected? Is it subject to any protection laws for endangered species? . Refer to some biotic and abiotic, physical, and anthropogenic factors that influence the movement and distribution of elephants. . Can the identification of the preferred habitat of the Asian elephant in Alur Taluk be applied in another region of India, Sri Lanka or Malaysia?</p> <p><b>MATERIALS AND METHODS</b> . It is important to describe in some detail the type of tropical climate. Is it cold, wet or dry? . Refer to average values of temperature and humidity, essential climatic factors in elephants' habitats. . When characterizing the study area, reference should be made to the dominant climate type in the region, considering the Köppen-Geiger climate classification, which is used worldwide.</p> <p><b>Creation of Habitat Parameter Database</b> . Describe unhealthy vegetation.</p> <p><b>REFERENCES</b> Missing from the text: . IUCN, 2008 . (O'Neill, 1996)</p>	

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	Cited in the references and missing from the text. . Santiapillai, C. (2004).	
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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>	

**Reviewer Details:**

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