



REVIEWER'S REPORT

Manuscript No.							
Manuscript	Manuscript Determining the Economic Value of Recreation for the Development of the Tangential Control of the Tangential Co						of the Tanjung
Title	itle Kelayang Tourism Destination, Belitung Indonesia						
Authors							
Please provide you	ir comments and suggest	tions consi	dering th	e follow	ing p	oints for ´p	ublication in
Journal.							
Is the topic of the ar	ticle suitable for publication	on?				√□Yes	□ No
Is the article origina	al with <mark>new</mark> and <mark>importa</mark> n	t results?				√□Yes	□ No
Is the title of the art	icle appropriate?					□ Yes	□ No√
Are the abstract and	keywords appropriate?					□Yes	$\sqrt{\square}$ No
Is the quality of the	illustrations and tables app	propriate?				□Yes	√□ No
Are the references u	p-to-date and adequate wi	ith journal s	tyle?			□Yes	□ No√
Is the article well or	ganized and clearly writte	n?				√□Yes	□ No
Is the English langu	age satisfactory?					□Yes	√□ No
Are the conclusions	sound and justified?					□Yes	□ No√
Did the author confi	use the summary with con-	clusion?				□Yes	X□ No
=	all grading of the manusonsider publication after	eript? □ 0 (worst)	□ 1	□2	□3	√□ 4	☐ 5 (best)

COMMENTS:

Manusanint Na

This manuscript assesses the economic value of recreational activities at Tanjung Kelayang, a prominent tourism destination in Belitung, Indonesia. The authors employ the Travel Cost Method (TCM) and Contingent Valuation Method (CVM) to estimate the economic benefits derived from tourism and suggest strategies for sustainable development. The study's findings aim to inform policy decisions regarding infrastructure investments, pricing strategies, and conservation initiatives. However, there are quite some rooms for the authors to improve this paper. Please check my comments as follows:

Abstract:

The abstract provides a concise summary of the study's aim, methodology, key findings, and conclusions. However, it could be improved by quantifying the economic value obtained from the study and briefly mentioning the implications or recommendations for sustainable development.

Introduction:

- 1. The introduction provides a good background on the importance of tourism development and the need to consider economic, ecological, and social aspects for sustainability. However, it lacks a clear research gap and specific objectives of the study.
- 2. The authors should explicitly state the research problem or knowledge gap that this study aims to address and provide a more focused rationale for assessing the economic value of recreation at the Tanjung Kelayang tourism destination.
- 3. The specific objectives of the study should be stated clearly at the end of the introduction section.

Materials and Methods:

- 1. The authors provide a detailed theoretical background on economic valuation methods, which is commendable. However, the section could be more concise and focused on the specific methods used in this study.
- 2. The authors should clarify why the Travel Cost Method (TCM) was chosen for this study and provide a brief explanation of the method's underlying assumptions and limitations.
- 3. The sampling procedure and data collection methods should be described in more detail, including the sample size determination, survey instrument, and any potential sources of bias or limitations.
- 4. The authors should provide a clear explanation of how the economic value (consumer surplus) was calculated using the TCM, including the specific equations or models employed.

Results and Discussion:

- 1. The results section presents the key findings related to the average tourist expenditure, budget allocations, and consumer surplus. However, the presentation could be improved by using tables or figures to summarize the data more clearly.
- 2. The discussion section provides insightful interpretations and implications of the findings. However, it could be strengthened by relating the results more explicitly to the existing literature and theoretical framework presented in the introduction and methods sections.
- 3. The authors should consider addressing potential limitations or assumptions of their analysis and discuss how these may affect the interpretation of the results.
- 4. The discussion could also be expanded to provide more specific recommendations or strategies for sustainable development based on the economic value findings.

Conclusion:

The conclusion summarizes the main findings and emphasizes the economic potential of the Tanjung Kelayang tourism destination. However, it could be improved by:

- 1. Reiterating the specific objectives of the study and how they were addressed.
- 2. Highlighting the study's unique contributions or implications for theory and practice.
- 3. Suggesting future research directions or avenues for further exploration.

DECOMMENDATION DECADDING THIS MANUSCRIPT.

References:

The references are generally up-to-date and relevant to the study's topic. However, some references (e.g., Muttaqim et al., 2021; Tung, 2020) appear to be conference proceedings or book chapters, which may not be considered as highly credible sources in some academic journals. The authors should consider replacing these with peer-reviewed journal articles or published reports from reputable sources.

Overall, the manuscript addresses an important topic and contributes to the understanding of economic valuation in tourism development. The authors have provided a comprehensive theoretical background and employed appropriate methods for assessing the economic value of recreation. However, the paper could benefit from a clearer articulation of the research objectives, a more concise description of the methods, and a more focused discussion and conclusion section that explicitly links the findings to the existing literature and provides actionable recommendations for sustainable development.

RECOMMENDATION.	KEGAKDING THIS W	IANUSCKIF	1:
Minor Povisions	Major Paviaional	Paiact□	Another Conference/Jour

REVIEWER'S REPORT

Manuscript No.				
Manuscript Title	Determining the Economic Value of Recreat Tourism Destination, Belitung Indonesia	tion for the Deve	elopment of the	e Tanjung Kelayar
Authors				
-	your comments and suggestions con	nsidering the	following	points for
publication in J				
Is the topic of th	e article suitable for publication?		√□Yes	\square No
Is the article ori	ginal with new and important results?		√□Yes	□ No
Is the title of the	article appropriate?		$\sqrt{\Box}$	□ No
			Yes	
Are the abstract	and keywords appropriate?		□Yes	√□No
Is the quality of	the illustrations and tables appropriate?		□Yes	□ No√
Are the reference	es up-to-date and adequate with journal st	yle?	√□Yes	□ No
	ll organized and clearly written?	•	√□Yes	□ No
	nguage satisfactory?		□Yes	√□ No
•	ions sound and justified?		□Yes	□ No√
	onfuse the summary with conclusion?		□Yes	√□ No
	,		□ 1 C 5	110
What is your ove	erall grading of the manuscript?			
At least 3 to co	onsider publication after \Box 0 \Box 1	$\square 2 \square 3$	3 √□ 4	□ 5
revision	(worst)			(best
	` ,)
				•

COMMENTS:

Here are my suggestions to improve this paper:

This manuscript aims to estimate the economic value of recreational activities at Tanjung Kelayang, a prominent tourist destination in Belitung, Indonesia. Using both the Travel Cost Method (TCM) and the Contingent Valuation Method (CVM), the study provides an economic valuation that is intended to guide sustainable tourism development and policy-making in the region.

The title is not good, I tried to help you, please refer to the following refined Title:

"Economic Valuation of Recreational Services at Tanjung Kelayang Beach for Sustainable Tourism Development in Belitung, Indonesia"

Rationale for the refined title:

1. "Economic Valuation of Recreational Services": The study primarily focuses on determining the economic value of recreation, which is a key ecosystem service provided by the Tanjung Kelayang beach tourism destination. This phrase highlights the central objective of the study.

- 2. "Tanjung Kelayang Beach": Including the specific name of the tourism destination makes the title more precise and informative.
- 3. "for Sustainable Tourism Development": This phrase emphasizes the broader context and relevance of the study, which is to contribute to the sustainable development of tourism in the region. It aligns with the authors' emphasis on considering economic, ecological, and social aspects in tourism development.
- 4. "in Belitung, Indonesia": Specifying the location (Belitung, Indonesia) provides geographic context and makes the study more relevant to stakeholders and policymakers in the region.

Here is a refined abstract:

Sustainable tourism development requires a comprehensive consideration of economic, ecological, and social aspects. This study aims to determine the economic value of recreation at the Tanjung Kelayang tourism destination in Belitung, Indonesia, using the Travel Cost Method (TCM). Based on a survey of 105 tourists, the results indicate a consumer surplus of 14.4 million rupiah per tourist. With an annual number of 34,074 tourist visits, the recreation value of Tanjung Kelayang is estimated at 122.7 billion rupiah. This substantial economic value represents the potential for developing the destination while integrating economic, ecological, and social dimensions. The findings highlight the importance of sustainable destination development strategies that balance economic benefits with environmental conservation and community involvement.

Introduction Section:

- 1. The introduction provides a good overview of the importance of tourism development and the need to consider economic, ecological, and social aspects. However, it lacks a clear statement of the research problem or gap that this study aims to address.
- 2. The authors mention the development of tourist destinations focusing on economic aspects and neglecting ecological and social aspects (lines 32-35). However, this point could be further elaborated and supported with relevant citations from the literature to establish a stronger rationale for the study.
- 3. The authors should explicitly state the specific objectives or research questions that the study aims to address at the end of the introduction section.

Research Methodology and Results:

- 1. The authors provide a detailed explanation of economic valuation methods and the Travel Cost Method (TCM) in the Materials and Methods section. However, the specific application of the TCM in this study could be described more clearly.
- 2. The authors should clarify how the sample size of 105 tourists was determined and provide details on the sampling technique used (e.g., random sampling, convenience sampling, etc.).
- 3. The authors mention that the analysis method used is the Travel Cost Method, but they do not provide a clear explanation of how the consumer surplus and economic value were calculated using this method. More details on the specific equations, models, or assumptions used in the TCM analysis would be beneficial.
- 4. In the Results section, the authors present the findings related to average tourist expenditure, budget allocations, and consumer surplus. However, these results could be presented more clearly using tables or figures to summarize the data.
- 5. The authors state that the economic value of Tanjung Kelayang's recreation is 122.7 billion rupiah (line 217). However, they do not provide a clear explanation of how this value was derived from the consumer surplus and

the number of tourist visits.

Examples for Improvement:

1. In the introduction section, the authors state: "The development of tourist destinations currently focuses on economic aspects in the form of opening employment opportunities and increasing economy region. Many tourist destination developments still focus on economic growth (Heagney et al., 2019)." (lines 32-33)

This statement could be supported by additional citations from the literature to establish a stronger argument for the research problem or gap.

2. In the Materials and Methods section, the authors provide a detailed explanation of economic valuation techniques and the Travel Cost Method (lines 124-141). However, the specific application of the TCM in this study is not clearly described.

The authors should include a subsection or paragraph explaining how the TCM was applied in this study, including the data collection process (e.g., survey design, sampling method), the variables considered (e.g., travel costs, visitor characteristics), and the equations or models used to estimate the consumer surplus and economic value.

3. In the Results section, the authors state: "Survey results of 105 tourists, show that the average budget allocation prepared by tourists amounting to 3.9 million rupiah. Meanwhile the budget used during travel is an average of 2.4 million rupiah excluding air transportation costs." (lines 186-188)

These results could be presented more clearly in a table format, showing the mean and standard deviation (or other relevant measures) for the budget allocation and actual expenditure.

4. In the Discussion section, the authors state: "By economy, area tour Tanjung Kelayang own potency Which Enough big, Because from results analysis using TCM, it was found that there was a consumer surplus of 14.4 million rupiah per tourist. If we calculate the total consumer surplus with the number of tourists who come to Tanjung Kelayang, we get an economic value of 122.7 billion rupiah." (lines 202-205)

The authors should provide a clear explanation of how the economic value of 122.7 billion rupiah was calculated, including the equation or formula used, and any assumptions or limitations associated with this calculation.

Overall, the manuscript addresses an important topic and contributes to the understanding of economic valuation in tourism development. However, the paper could benefit from a clearer articulation of the research objectives and problem statement in the introduction, a more detailed description of the methodology and calculations used in the Travel Cost Method, and a more focused presentation of the results and discussion sections. By addressing these areas, the authors can enhance the clarity and rigor of their study, making it more valuable to the academic community and relevant stakeholders in sustainable tourism development.

Suggested Revised Conclusion:

"This study assessed the economic value of recreation at the Tanjung Kelayang tourism destination in Belitung, Indonesia, using the Travel Cost Method. The results revealed a substantial consumer surplus of 14.4 million rupiah per tourist, translating to an annual recreation value of 122.7 billion rupiah based on the number of tourist visits. These findings underscore the significant economic potential of the Tanjung Kelayang destination, which should be harnessed through sustainable development strategies.

The study contributes to the understanding of economic valuation in tourism development, particularly in the context of Indonesia's natural tourism destinations. The economic value estimates can inform decision-making processes and support the development of policies and strategies that strike a balance between economic growth,

environmental conservation, and community involvement.

Future research could explore the ecological and social dimensions of the Tanjung Kelayang destination, as well as the preferences and perceptions of local communities and other stakeholders. A comprehensive assessment of economic, ecological, and social factors would provide a more holistic understanding of sustainable tourism development in the region.

It is recommended that destination management and policymakers utilize the economic value findings as a basis for developing sustainable tourism strategies, infrastructure planning, and resource allocation. Additionally, efforts should be made to promote community-based tourism initiatives, environmental conservation measures, and continuous monitoring of the destination's carrying capacity to ensure long-term sustainability."

Recommendation:

The manuscript has the potential to make a significant contribution to the literature on tourism economics and sustainable development. However, it would benefit from revisions that address the depth of theoretical engagement, expand the literature review, and provide a more nuanced discussion of stakeholder perspectives.

RECOMMENDATION RI	EGARDING THIS M	IANUSCRII	PT:
$\sqrt{\text{Minor Revisions}} \square$	Major Revisions \square	Reject□	Another Conference/Journal \Box

Reviewers 1

1.	This manuscript assesses the economic value of recreational activities at Tanjung Kelayang, a prominent tourism destination in Belitung, Indonesia. The authors employ the Travel Cost Method (TCM) and Contingent Valuation Method (CVM) to estimate the economic benefits derived from tourism and suggest strategies for sustainable development. The study's findings aim to inform policy decisions regarding infrastructure investments, pricing strategies, and conservation initiatives. However, there are quite some rooms for the authors to improve this paper. Please check my comments as follows: Abstract: The abstract provides a concise summary of the study's aim, methodology, key findings, and conclusions. However, it	Thank you, I will follow your recommendation
	findings, and conclusions. However, it could be improved by quantifying the	
	economic value obtained from the study	
	and briefly mentioning the implications or	
	recommendations for sustainable development.	
2.	The introduction	Thank you
	The introduction provides a good	
	background on the importance of tourism development and the need to consider	
	economic, ecological, and social aspects	
	for sustainability. However, it lacks a clear	
	research gap and specific objectives of the	
	study.	
3.	The introduction	Thank you, I will follow your
	The authors should explicitly state the	recommendation
	research problem or knowledge gap that	
	this study aims to address and provide a more focused rationale for assessing the	
	economic value of recreation at the	
	Tanjung Kelayang tourism destination.	
4.	The introduction	Thank you, I will follow your
	The specific objectives of the study should	recommendation
	be stated clearly at the end of the	
	introduction section.	

5.	Material and Method	Thank you, I will follow your
	The authors provide a detailed theoretical	recommendation
	background on economic valuation	
	methods, which is commendable.	
	However, the section could be more	
	concise and focused on the specific	
	methods used in this study.	
6.	Material and Method	Thank you, I will follow your
	The authors should clarify why the Travel	recommendation
	Cost Method (TCM) was chosen for this	
	study and provide a brief explanation of	
	the method's underlying assumptions and	
	limitations.	
7.	Material and Method	I will add the explanation
	The sampling procedure and data	
	collection methods should be described in	
	more detail, including the sample size	
	determination, survey instrument, and any	
	potential sources of bias or limitations.	T 11 11 1 2
8.	Material and Method	I will add the explanation
	The authors should provide a clear	
	explanation of how the economic value	
	(consumer surplus) was calculated using the TCM, including the specific equations	
	or models employed.	
9.	Results and Discussion:	I will add the explanation
) .	The results section presents the key	1 will add the explanation
	findings related to the average tourist	
	expenditure, budget allocations, and	
	consumer surplus. However, the	
	presentation could be improved by using	
	tables or figures to summarize the data	
	more clearly.	
10.	Results and Discussion:	I will add the explanation
	The discussion section provides insightful	_
	interpretations and implications of the	
	findings. However, it could be	
	strengthened by relating the results more	
	explicitly to the existing literature and	
	theoretical framework presented in the	
	introduction and methods sections.	
11.	Results and Discussion:	I will add the explanation
	The authors should consider addressing	
	potential limitations or assumptions of	
	their analysis and discuss how these may	
	affect the interpretation of the results.	

12.	Results and Discussion:	I will add the explanation
	The discussion could also be expanded to	
	provide more specific recommendations	
	or strategies for sustainable development	
	based on the economic value findings.	
13.	Conclusion:	I will add the explanation
	The conclusion summarizes the main	
	findings and emphasizes the economic	
	potential of the Tanjung Kelayang tourism	
	destination. However, it could be	
	improved by:	
	1. Reiterating the specific objectives of the	
	study and how they were addressed.	
14.	Conclusion:	I will add the explanation
	Highlighting the study's unique	
	contributions or implications for theory	
	and practice.	
15.	Conclusion:	I will add the explanation
	Suggesting future research directions or	
	avenues for further exploration.	

Reviewers 2

No	Comment	Response
1.	The tittle	Thank you, I will follow your
	The title is not good, I tried to help you, please refer to the following refined Title:	recommendation. The title you suggest is more suitable to the aims of our research
	"Economic Valuation of Recreational Services at Tanjung Kelayang Beach for Sustainable Tourism Development in Belitung, Indonesia"	
2.	The abstract Here is a refined abstract:	Thank you, I will follow your recommendation
	Sustainable tourism development requires a comprehensive consideration of economic, ecological, and social aspects. This study aims to determine the economic value of recreation at the	

Tanjung Kelayang tourism destination in Belitung, Indonesia, using the Travel Cost Method (TCM). Based on a survey of 105 tourists, the results indicate a consumer surplus of 14.4 million rupiah per tourist. With an annual number of 34,074 tourist visits, the recreation value of Tanjung Kelayang is estimated at 122.7 billion rupiah. This substantial economic value represents the potential for developing the destination while integrating economic, ecological, and dimensions. The findings highlight the importance of sustainable destination development strategies that balance economic benefits with conservation environmental and community involvement. Introduction

We add the statement for gap study

The introduction provides a good overview of the importance of tourism development and the need to consider economic, ecological, and social aspects. However, it lacks a clear statement of the research problem or gap that this study aims to address.

"The goal of sustainable tourism is to balance economic needs with the environment. Therefore, this study is needed as a reference for economic valuation for the development of sustainable tourism destinations."

2. Introduction

1.

The authors mention the development of tourist destinations focusing on economic aspects and neglecting ecological and social aspects (lines 32-35). However, this point could be further elaborated and supported with relevant citations from the literature to establish a stronger rationale for the study.

We add the literatures to explain the line 32-35

"Several articles prove the influence of tourism on economic income in Indonesia, including the construction of the Mandalika circuit on people's income as seen from ticket purchases, travel costs, and the amount of employment (Aida et al, 2024; Widjaja, et al, 2023)"

3. Introduction

The authors should explicitly state the specific objectives or research questions that the study aims to address at the end of the introduction section.

We add the study aims in line 38-43

4. Research Methodology and Results

The authors provide a detailed explanation of economic valuation methods and the Travel Cost Method

TCM in his research is better explained not only in the method

	(TCM) in the Materials and Methods section. However, the specific application of the TCM in this study could be described more clearly.	
5.	Research Methodology and Results: The authors should clarify how the sample size of 105 tourists was determined and provide details on the sampling technique used (e.g., random sampling, convenience sampling, etc.).	105 tourist is from random sampling population 348, 154 people and error limit 10%
6.	Research Methodology and Results: The authors mention that the analysis method used is the Travel Cost Method, but they do not provide a clear explanation of how the consumer surplus and economic value were calculated using this method. More details on the specific equations, models, or assumptions used in the TCM analysis would be beneficial	The formula is displayed in the method section
7.	Research Methodology and Results: In the Results section, the authors present the findings related to average tourist expenditure, budget allocations, and consumer surplus. However, these results could be presented more clearly using tables or figures to summarize the data.	We add the picture of TEV
8.	Research Methodology and Results: The authors state that the economic value of Tanjung Kelayang's recreation is 122.7 billion rupiah (line 217). However, they do not provide a clear explanation of how this value was derived from the consumer surplus and the number of tourist visits	It has been corrected to a total of 490.7 billion rupiah from the assumption of 34,074 visits per year
9.	Examples for Improvement: In the introduction section, the authors state: "The development of tourist destinations currently focuses on economic aspects in the form of opening employment opportunities and increasing economy region. Many tourist	We Added literature Aida et al, 2024; Widjaja, et al, 2023

destination developments still focus on economic growth (Heagney et al., 2019)." (lines 32-33)

This statement could be supported by additional citations from the literature to establish a stronger argument for the research problem or gap.

Examples for Improvement:

In the Materials and Methods section, the authors provide a detailed explanation of economic valuation techniques and the Travel Cost Method (lines 124-141). However, the specific application of the TCM in this study is not clearly described.

The authors should include a subsection or paragraph explaining how the TCM was applied in this study, including the data collection process (e.g., survey design, sampling method), the variables considered (e.g., travel costs, visitor characteristics), and the equations or models used to estimate the consumer surplus and economic value.

We add the result and discussion for explains the component of calculation method with and similar article as literatures.

11 Examples for Improvement:

In the Results section, the authors state: "Survey results of 105 tourists, show that the average budget allocation prepared by tourists amounting to 3.9 million rupiah. Meanwhile the budget used during travel is an average of 2.4 million rupiah excluding air transportation costs." (lines 186-188)

These results could be presented more clearly in a table format, showing the mean and standard deviation (or other relevant measures) for the budget allocation and actual expenditure.

We add the result and discussion for explains the component of calculation method with and similar article as literatures.

12 Examples for Improvement:

We add the result and discussion for

In the Discussion section, the authors state: "By economy, area tour Tanjung Kelayang own potency Which Enough big, Because from results analysis using TCM, it was found that there was a consumer surplus of 14.4 million rupiah per tourist. If we calculate the total consumer surplus with the number of tourists who come to Tanjung Kelayang, we get an economic value of 122.7 billion rupiah." (lines 202-205)

explains the component of calculation method with and similar article as literatures.

13 Examples for Improvement:

The authors should provide a clear explanation of how the economic value of 122.7 billion rupiah was calculated, including the equation or formula used, and any assumptions or limitations associated with this calculation.

We add the result and discussion for explains the component of calculation method with and similar article as literatures.

14 Suggested Revised Conclusion:

"This study assessed the economic value of recreation at the Tanjung Kelayang tourism destination in Belitung. Indonesia. using the Travel Cost The results revealed Method. substantial consumer surplus of 14.4 million rupiah per tourist, translating to an annual recreation value of 122.7 billion rupiah based on the number of tourist visits. These findings underscore the significant economic potential of the Tanjung Kelayang destination, which should be harnessed through sustainable development strategies.

study contributes to understanding of economic valuation in tourism development, particularly in the context of Indonesia's natural tourism destinations. The economic value estimates can inform decision-making processes and support the development of policies and strategies that strike a balance between economic growth, environmental conservation, and community involvement.

Thank you, I will follow your recommendation

Future research could explore the ecological and social dimensions of the Tanjung Kelayang destination, as well as the preferences and perceptions of local communities and other stakeholders. A comprehensive assessment of economic, ecological, and social factors would provide a more holistic understanding of sustainable tourism development in the region.

It is recommended that destination management and policymakers utilize the economic value findings as a basis for developing sustainable tourism strategies, infrastructure planning, and resource allocation. Additionally, efforts should be made to promote community-based tourism initiatives, environmental conservation measures, and continuous monitoring of the destination's carrying capacity to ensure long-term sustainability."

Coresponding Author

Evelyne Hanaseta

Journal of Logistics, Informatics and Service Science

JLISS-2024-11-03 Date: Jun 21, 2024

ACCEPTANCE OF MANUSCRIPT

Dear Bernard Hasibuan 1,, Evelyne Hanaseta1, Ninin Gusdini 1, Lisa Ratnasari1

I am pleased to inform you that based on the referees reports, your paper entitled

Economic Valuation of Recreational Services at Tanjung Kelayang Beach for Sustainable Tourism Development in Belitung, Indonesia

has been accepted for publication in Journal of Logistics, Informatics and Service Science

The paper will be published in the No.11 issue of 2024, which has been scheduled in the end of 2024.

With best wishes,

Yours sincerely

Mincong Tang (Managing Editor)