BUKTI KORESPONDENSI ARTIKEL JURNAL NASIONAL BEREPUTASI

Judul artikel Jurnal: The Support of Local Community Toward Sharia Tourism in Central

Maluku Regency

Jurnal : Equilibrium: Jurnal Ekonomi Syariah Vol.10, No. 1, Jun 2022

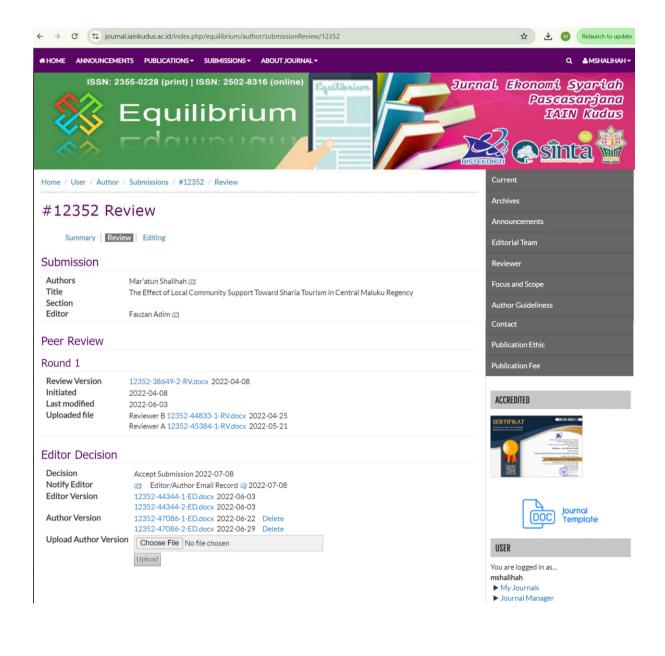
Halaman 152-172 ISSN 2502-8316 Terindex Sinta 2 Penerbit Pasca

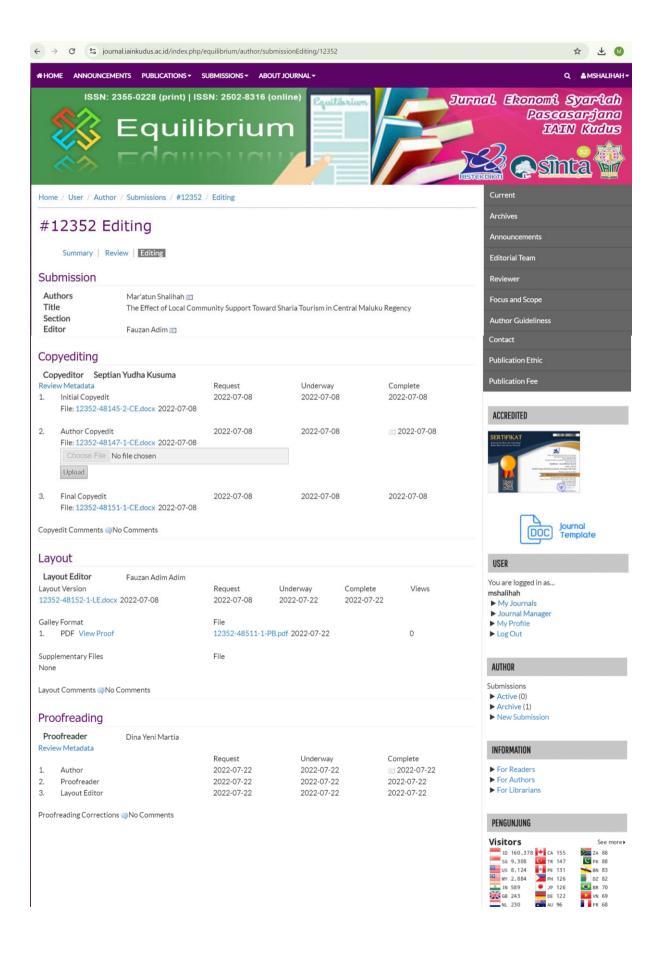
Sarjana IAIN Kudus

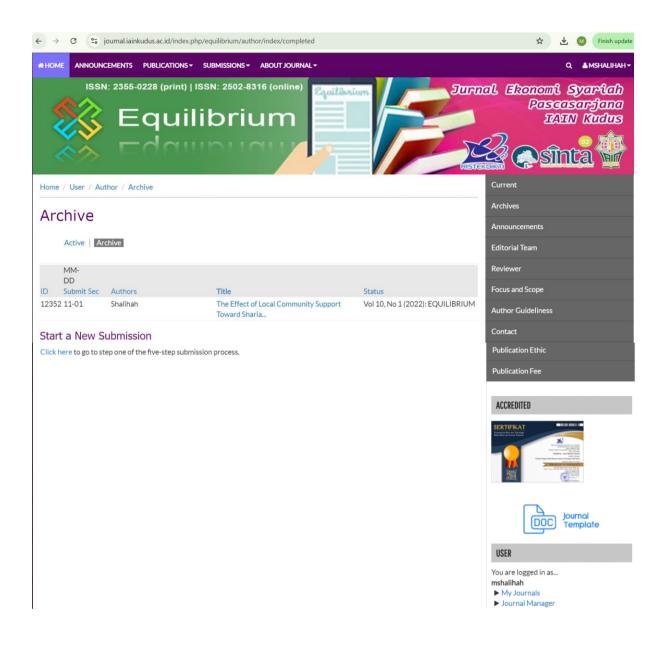
https://journal.iainkudus.ac.id/index.php/equilibrium/article/view/12352

Penulis : Mar'atun Shalihah

No.	Perihal	Tanggal
1.	Bukti konfirmasi submit artikel dan artikel yang disubmit	01 November 2021
2.	Bukti konfirmasi review dan hasil review pertama	08 April 2022
3.	Bukti konfirmasi submit revisi pertama, respon kepada reviewer	25 April 2022
4.	Bukti konfirmasi review dan hasil review kedua	21 Mei 2022
5.	Bukti konfirmasi submit revisi kedua, respon kepada reviewer dan artikel yang diresubmit	03 Juni 2022
6.	Bukti konfirmasi artikel accepted	08 Juli 2022
7.	Bukti konfirmasi artikel published online	01 November 2022







The Support of Local Community Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Commented [M1]: Delete

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region. As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the amount of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku.

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are performed to strengthen the ties of kinship in the Mamala and Morella

Commented [M2]: add reference

villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee(TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to two theories, there are; social exchange theory (SET) and tourism competitiveness theory (TDC theory). Afterthat, compiling a model with research variables; perceptions of the positive impact of tourism (socio-cultural, economic and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four main founders of these theory: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized on psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P,

while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METODE PENELITIAN (Hanya untuk Penelitian Kuantitatif)

Quantitative with an explanatory method is used in order to exam research hypotheses and confirm pre-existing theories. SEM-PLS is used to analyze the data. Moreover, data is obtained by 51 respondents who are lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application can analyze the direct and indirect effects as caused by a research model even though the sample size is small, however, the software features have the required tests that are almost the same as Amos and Lisrel.

Variable and Measurement Method

There are four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Variable	Reference indicators and number of statements	Measurement Scales
Economic	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) and	5
	Hanafiah with 8 amount indicators.	
Socio- Cultural	Refers to the questionnaire by Chee	Likert scale 1-
Iimpact	Hue Chin et.al (2017) with 10 amount	5
	indicators.	
Environment	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) with 5	5
	statements.	
Negativity of	Refers to the quetionnaire bult by	Likert scale 1-
Tourism	Chee Hue Chin et.al (2017) with 9	5
Impact	statements.	
Community	Refers to the quetionnaire built by	Likert scale 1-
Local Support	Chee Hua chin and modified by	5
Towatd Sharia	Sharia Tourism research team with 11	
	indicators.	

Commented [M3]:????

Tourism	
Development	

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 1
Outerloading variable economic impact

Economic Impact Statements	outerloading	Conclusion	
DE1 Tourism attracts investment and	-0.273	Deleted	
economic activity in this village			
DE2 The quality of life increases due to	0.238	Deleted	
the large number of tourists shopping in			
this area			
DE3 Prices of goods, services and land,	0.809	Accepted for	
housing area increase due to tourism activity		analysing	
DE4 Tourism gives economy impact for	0.927	Accepted for	
the village		analysing	
	0.205	Deleted	
DE5 Tourism gives benefit only for several people in the village			
DE6 Tourism creates/ provides new job	0.852	Accepted for t	the
opportunities for local residents		analysing	
DE7 Due to tourism, roads and other	0.853	Accepted	
facilities around the area are getting better		·	
DE8 Generally, tourism gives positive impact rather than negative impact in economy for the village	0.890	Accepted	

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 2

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from	0.222	Invalid
local and international are giving valuable		
experience for local resident.		
DS 11: Tourism is increasing recreational	0.493	Invalid
facilities in this area.		
DS 12: Tourism changes Tradition and	0.675	Valid
Culture of the community in the village.		
DS 13: Local residents is suffering low	0.937	Valid
quality of life due to tourists activity		
DS 14: Tourist is attracted to learn about	0.844	Valid
culture in this village.		
DS 15: Local residents learn about their own	0.379	Invalid
culture as the effect of interaction with		
tourist.		
DS 16: Tourism caused chaotic and	-0.231	Invalid
criminallity		
DS 17: Generally, tourism gives positive	0.258	Invalid
effect rather than negative effect toward		
local culture and community local custom.		
DS 18: Event gives precious experience for	0.838	Valid
local residents		
DS 19: Tourism increases the availability	0.093	Invalid
facilities around the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

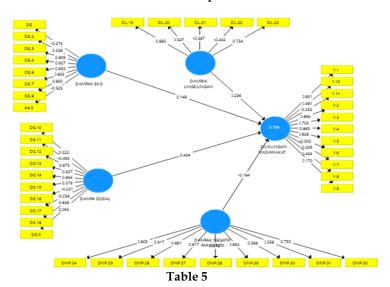
Table 3. Negative Impacts

Negative impact of tourism questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are increased	0.568	Valid
DNP 31: Tourism activities are increasing the cost of living	0.558	Valid
DNP 32: Seasonal unemployment is increased	0.755	Valid

Table 4. Community Support Impact

Community Support Impact					
Community support toward tourism activity	Outerloading	Conclusion			
Y1: I participate in activities related to tourism in this village	0.831	Valid			
Y2: I participate in planning and managing tourism activities in the community	0.703	Valid			
Y3: I participate in cultural exchange between local resident and tourist	0.252	Invalid			
Y4: I make collaboration with the planner and constructor of this tourism village	0.894	Valid			
Y5: I participate in education, promote environmental conservation and provide eco-friendly education	0.828	Valid			
Y6: Our village has a lot of culture that deserves to be a tourist	-0.002	Invalid			
Y7: I support our village to be Sharia Tourism village	0.209	Invalid			
Y8: Our village provide halal drink and beverage	0.454	Invalid			
Y9: I guarantee that there are placed to pray such as mosque	0.170	Invalid			
Y10: I guarantee that there are closed bathroom and cleaned water	0.252	Invalid			
Y11: I guarantee there are placed to stay for family such as legal couple and family (Husband and wife and quiverful)	0.481	Invalid			

Figure 1. The Result of Output Model



Statements	Outer Loading Score	Conclusion
DE3	0.822	Valid
DE4	0.931	Valid
DE6	0.866	Valid
DE7	0.872	Valid
DE8	0.903	Valid
DL 19	0.884	Valid
DL20	0.721	Valid
DL23	0.775	Valid
DNP24	0.799	Valid
DNP25	0.914	Valid
DNP26	0.859	Valid
DNP27	0.814	Valid
DNP28	0.570	Valid
DNP29	0.834	Valid
DNP30	0.579	Valid
DNP31	0.559	Valid
DS 12	0.742	Valid
DS 13	0.937	Valid
DS 14	0.895	Valid
DS15	0.399	
DS 18	0.842	Valid
Y1	0.845	Valid
Y10	0.440	
Y2	0.907	Valid
Y4	0.905	Valid
Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than

0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6 Construct Reability and Validity

	Construct Readinty and Validity			
	Cronbach Alfa	Rho- Al	Composite reability	Average Variance extracted
Social Impact	0.842	0.915	0.884	0.620
Economy Impact	0.927	0.940	0.945	0.774
Environment	0.718	0.774	0.838	0.634
Impact				
Negative Impact	0.901	0.927	0.920	0.569
Community Support	0.854	0.902	0.899	0.650

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7
Discriminant Validity

	Social Impact	Econom ic	Environm ent	Negative Impact of	Communit y Support
		Impact	Impact	Tourism	
Social	0.787				
Impact					
Economic	0.848	0.880			
Impact					
Environmen	0.811	0.767	0.796		
t Impact					
Negative	-0.621	-0.597	-0.523		
Impact of				0.754	
Tourism					
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8 Coefficient Output

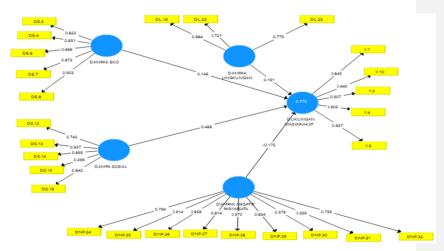
Hipothesis	Coeffisient Score
Social impact toward community support	0.466
Economic impact toward community support	0.146
Environment impact toward community support	0.191
Negative impact of tourism toward community support	-0.175

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than >1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values are bigger than 5 %. So both of the variables are insignificant.

Table 9
Output result from with bootstraping measurement

	Origin al sampl e	Samp le Mean s	Standar deviation	T statistic s	P values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and

Commented [M4]: Don't take the form of a discussion but a logical narrative of the researcher's thinking

tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of
- psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
 - Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
 - Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12

- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). Sustainability (Switzerland), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-

0086

- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
 - Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
 - Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
 - Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861.

- https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. *Sustainability (Switzerland)*, 10(3). https://doi.org/10.3390/su10030802

The Support of Local Community Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Commented [M1]: Delete

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region. As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the amount of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku.

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are performed to strengthen the ties of kinship in the Mamala and Morella

Commented [M2]: add reference

villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee(TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to two theories, there are; social exchange theory (SET) and tourism competitiveness theory (TDC theory). Afterthat, compiling a model with research variables; perceptions of the positive impact of tourism (socio-cultural, economic and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four main founders of these theory: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized on psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P,

while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METODE PENELITIAN (Hanya untuk Penelitian Kuantitatif)

Quantitative with an explanatory method is used in order to exam research hypotheses and confirm pre-existing theories. SEM-PLS is used to analyze the data. Moreover, data is obtained by 51 respondents who are lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application can analyze the direct and indirect effects as caused by a research model even though the sample size is small, however, the software features have the required tests that are almost the same as Amos and Lisrel.

Variable and Measurement Method

There are four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Variable	Reference indicators and number of statements	Measurement Scales
Economic	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) and	5
	Hanafiah with 8 amount indicators.	
Socio- Cultural	Refers to the questionnaire by Chee	Likert scale 1-
Iimpact	Hue Chin et.al (2017) with 10 amount	5
	indicators.	
Environment	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) with 5	5
	statements.	
Negativity of	Refers to the quetionnaire bult by	Likert scale 1-
Tourism	Chee Hue Chin et.al (2017) with 9	5
Impact	statements.	
Community	Refers to the quetionnaire built by	Likert scale 1-
Local Support	Chee Hua chin and modified by	5
Towatd Sharia	Sharia Tourism research team with 11	
	indicators.	

Commented [M3]:????

Tourism Development

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 1
Outerloading variable economic impact

Economic Impact Statements	outerloading	Conclusion	
DE1 Tourism attracts investment and	-0.273	Deleted	
economic activity in this village			
DE2 The quality of life increases due to	0.238	Deleted	
the large number of tourists shopping in			
this area			
DE3 Prices of goods, services and land,	0.809	Accepted for	
housing area increase due to tourism activity		analysing	
DE4 Tourism gives economy impact for	0.927	Accepted for	
the village		analysing	
	0.205	Deleted	
DE5 Tourism gives benefit only for several people in the village			
DE6 Tourism creates/ provides new job	0.852	Accepted for	the
opportunities for local residents		analysing	
DE7 Due to tourism, roads and other	0.853	Accepted	
facilities around the area are getting better		·	
DE8 Generally, tourism gives positive impact rather than negative impact in economy for the village	0.890	Accepted	

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 2

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from	0.222	Invalid
local and international are giving valuable		
experience for local resident.		
DS 11: Tourism is increasing recreational	0.493	Invalid
facilities in this area.		
DS 12: Tourism changes Tradition and	0.675	Valid
Culture of the community in the village.		
DS 13: Local residents is suffering low	0.937	Valid
quality of life due to tourists activity		
DS 14: Tourist is attracted to learn about	0.844	Valid
culture in this village.		
DS 15: Local residents learn about their own	0.379	Invalid
culture as the effect of interaction with		
tourist.		
DS 16: Tourism caused chaotic and	-0.231	Invalid
criminallity		
DS 17: Generally, tourism gives positive	0.258	Invalid
effect rather than negative effect toward		
local culture and community local custom.		
DS 18: Event gives precious experience for	0.838	Valid
local residents		
DS 19: Tourism increases the availability	0.093	Invalid
facilities around the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

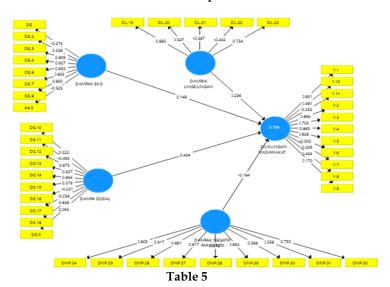
Table 3. Negative Impacts

Negative impact of tourism questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are increased	0.568	Valid
DNP 31: Tourism activities are increasing the cost of living	0.558	Valid
DNP 32: Seasonal unemployment is increased	0.755	Valid

Table 4. Community Support Impact

Community Support Impact					
Community support toward tourism activity	Outerloading	Conclusion			
Y1: I participate in activities related to tourism in this village	0.831	Valid			
Y2: I participate in planning and managing tourism activities in the community	0.703	Valid			
Y3: I participate in cultural exchange between local resident and tourist	0.252	Invalid			
Y4: I make collaboration with the planner and constructor of this tourism village	0.894	Valid			
Y5: I participate in education, promote environmental conservation and provide eco-friendly education	0.828	Valid			
Y6: Our village has a lot of culture that deserves to be a tourist	-0.002	Invalid			
Y7: I support our village to be Sharia Tourism village	0.209	Invalid			
Y8: Our village provide halal drink and beverage	0.454	Invalid			
Y9: I guarantee that there are placed to pray such as mosque	0.170	Invalid			
Y10: I guarantee that there are closed bathroom and cleaned water	0.252	Invalid			
Y11: I guarantee there are placed to stay for family such as legal couple and family (Husband and wife and quiverful)	0.481	Invalid			

Figure 1. The Result of Output Model



Statements	Outer Loading Score	Conclusion
DE3	0.822	Valid
DE4	0.931	Valid
DE6	0.866	Valid
DE7	0.872	Valid
DE8	0.903	Valid
DL 19	0.884	Valid
DL20	0.721	Valid
DL23	0.775	Valid
DNP24	0.799	Valid
DNP25	0.914	Valid
DNP26	0.859	Valid
DNP27	0.814	Valid
DNP28	0.570	Valid
DNP29	0.834	Valid
DNP30	0.579	Valid
DNP31	0.559	Valid
DS 12	0.742	Valid
DS 13	0.937	Valid
DS 14	0.895	Valid
DS15	0.399	
DS 18	0.842	Valid
Y1	0.845	Valid
Y10	0.440	
Y2	0.907	Valid
Y4	0.905	Valid
Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than

0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6 Construct Reability and Validity

	Construct Readinity and Validity				
	Cronbach Alfa	Rho- Al	Composite reability	Average Variance extracted	
Social Impact	0.842	0.915	0.884	0.620	
Economy Impact	0.927	0.940	0.945	0.774	
Environment	0.718	0.774	0.838	0.634	
Impact					
Negative Impact	0.901	0.927	0.920	0.569	
Community Support	0.854	0.902	0.899	0.650	

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7
Discriminant Validity

	Social Impact	Econom ic	Environm ent	Negative Impact of	Communit y Support
		Impact	Impact	Tourism	
Social	0.787				
Impact					
Economic	0.848	0.880			
Impact					
Environmen	0.811	0.767	0.796		
t Impact					
Negative	-0.621	-0.597	-0.523		
Impact of				0.754	
Tourism					
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8 Coefficient Output

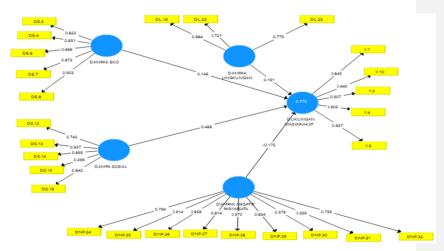
Hipothesis	Coeffisient Score
Social impact toward community support	0.466
Economic impact toward community support	0.146
Environment impact toward community support	0.191
Negative impact of tourism toward community support	-0.175

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than >1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values are bigger than 5 %. So both of the variables are insignificant.

Table 9
Output result from with bootstraping measurement

	Origin al sampl e	Samp le Mean s	Standar deviation	T statistic s	P values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and

Commented [M4]: Don't take the form of a discussion but a logical narrative of the researcher's thinking

tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of
- psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
 - Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
 - Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12

- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). Sustainability (Switzerland), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-

0086

- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
 - Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
 - Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
 - Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861.

- https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. *Sustainability (Switzerland)*, 10(3). https://doi.org/10.3390/su10030802

The Support of Local Community Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region. As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the amount of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku.

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are performed to strengthen the ties of kinship in the Mamala and Morella

villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee(TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to two theories, there are; social exchange theory (SET) and tourism competitiveness theory (TDC theory). Afterthat, compiling a model with research variables; perceptions of the positive impact of tourism (socio-cultural, economic and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four main founders of these theory: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized on psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Commented [u1]: 1.Which theory will be tested? Testing two theories is out of focus. 2.2. Need an explanation of position (originality) compared

2.2. Need an explanation of position (originality) compared to previous research

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P,

while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METODE PENELITIAN (Hanya untuk Penelitian Kuantitatif)

Quantitative with an explanatory method is used in order to exam research hypotheses and confirm pre-existing theories. SEM-PLS is used to analyze the data. Moreover, data is obtained by 51 respondents who are lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application can analyze the direct and indirect effects as caused by a research model even though the sample size is small, however, the software features have the required tests that are almost the same as Amos and Lisrel.

Variable and Measurement Method

There are four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Variable	Reference indicators and number of statements	Measurement Scales
Economic	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) and	5
	Hanafiah with 8 amount indicators.	
Socio- Cultural	Refers to the questionnaire by Chee	Likert scale 1-
Iimpact	Hue Chin et.al (2017) with 10 amount	5
	indicators.	
Environment	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) with 5 statements.	5
Negativity of	Refers to the quetionnaire bult by	Likert scale 1-
Tourism	Chee Hue Chin et.al (2017) with 9	5
Impact	statements.	
Community	Refers to the quetionnaire built by	Likert scale 1-
Local Support	Chee Hua chin and modified by	5
Towatd Sharia	Sharia Tourism research team with 11	
	indicators.	

Commented [u2]: The research data is biased, because all respondents perceive the same thing (organizational unit of analysis). This research is more appropriate to use a qualitative approach.

Tourism Development

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 1
Outerloading variable economic impact

Economic Impact Statements	outerloading	Conclusion	
DE1 Tourism attracts investment and	-0.273	Deleted	
economic activity in this village			
DE2 The quality of life increases due to	0.238	Deleted	
the large number of tourists shopping in			
this area			
DE3 Prices of goods, services and land,	0.809	Accepted for	
housing area increase due to tourism activity		analysing	
DE4 Tourism gives economy impact for	0.927	Accepted for	
the village		analysing	
	0.205	Deleted	
DE5 Tourism gives benefit only for several people in the village			
DE6 Tourism creates/ provides new job	0.852	Accepted for t	the
opportunities for local residents		analysing	
DE7 Due to tourism, roads and other	0.853	Accepted	
facilities around the area are getting better		·	
DE8 Generally, tourism gives positive impact rather than negative impact in economy for the village	0.890	Accepted	

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 2

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from	0.222	Invalid
local and international are giving valuable		
experience for local resident.		
DS 11: Tourism is increasing recreational	0.493	Invalid
facilities in this area.		
DS 12: Tourism changes Tradition and	0.675	Valid
Culture of the community in the village.		
DS 13: Local residents is suffering low	0.937	Valid
quality of life due to tourists activity		
DS 14: Tourist is attracted to learn about	0.844	Valid
culture in this village.		
DS 15: Local residents learn about their own	0.379	Invalid
culture as the effect of interaction with		
tourist.		
DS 16: Tourism caused chaotic and	-0.231	Invalid
criminallity		
DS 17: Generally, tourism gives positive	0.258	Invalid
effect rather than negative effect toward		
local culture and community local custom.		
DS 18: Event gives precious experience for	0.838	Valid
local residents		
DS 19: Tourism increases the availability	0.093	Invalid
facilities around the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

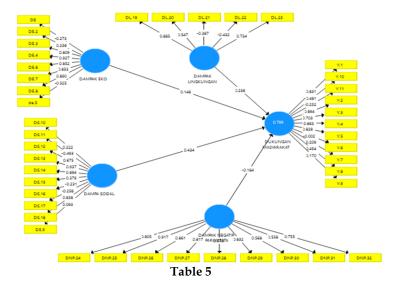
Table 3. Negative Impacts

Negative impact of tourism questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are increased	0.568	Valid
DNP 31: Tourism activities are increasing the cost of living	0.558	Valid
DNP 32: Seasonal unemployment is increased	0.755	Valid

Table 4. Community Support Impact

Community Suppl		
Community support toward tourism activity	Outerloading	Conclusion
Y1: I participate in activities related to tourism in this village	0.831	Valid
Y2: I participate in planning and managing tourism activities in the community	0.703	Valid
Y3: I participate in cultural exchange between local resident and tourist	0.252	Invalid
Y4: I make collaboration with the planner and constructor of this tourism village	0.894	Valid
Y5: I participate in education, promote environmental conservation and provide eco- friendly education	0.828	Valid
Y6: Our village has a lot of culture that deserves to be a tourist	-0.002	Invalid
Y7: I support our village to be Sharia Tourism village	0.209	Invalid
Y8: Our village provide halal drink and beverage	0.454	Invalid
Y9: I guarantee that there are placed to pray such as mosque	0.170	Invalid
Y10: I guarantee that there are closed bathroom and cleaned water	0.252	Invalid
Y11: I guarantee there are placed to stay for family such as legal couple and family (Husband and wife and quiverful)	0.481	Invalid

Figure 1. The Result of Output Model



Statements	Outer Loading Score	Conclusion
DE3	0.822	Valid
DE4	0.931	Valid
DE6	0.866	Valid
DE7	0.872	Valid
DE8	0.903	Valid
DL 19	0.884	Valid
DL20	0.721	Valid
DL23	0.775	Valid
DNP24	0.799	Valid
DNP25	0.914	Valid
DNP26	0.859	Valid
DNP27	0.814	Valid
DNP28	0.570	Valid
DNP29	0.834	Valid
DNP30	0.579	Valid
DNP31	0.559	Valid
DS 12	0.742	Valid
DS 13	0.937	Valid
DS 14	0.895	Valid
DS15	0.399	
DS 18	0.842	Valid
Y1	0.845	Valid
Y10	0.440	
Y2	0.907	Valid
Y4	0.905	Valid
Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than

0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6 Construct Reability and Validity

	Construct Readinty and Validity				
	Cronbach Alfa	Rho- Al	Composite reability	Average Variance extracted	
Social Impact	0.842	0.915	0.884	0.620	
Economy Impact	0.927	0.940	0.945	0.774	
Environment	0.718	0.774	0.838	0.634	
Impact					
Negative Impact	0.901	0.927	0.920	0.569	
Community Support	0.854	0.902	0.899	0.650	

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7
Discriminant Validity

	Social Impact	Econom ic	Environm ent	Negative Impact of	Communit y Support
		Impact	Impact	Tourism	
Social	0.787				
Impact					
Economic	0.848	0.880			
Impact					
Environmen	0.811	0.767	0.796		
t Impact					
Negative	-0.621	-0.597	-0.523		
Impact of				0.754	
Tourism					
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8 Coefficient Output

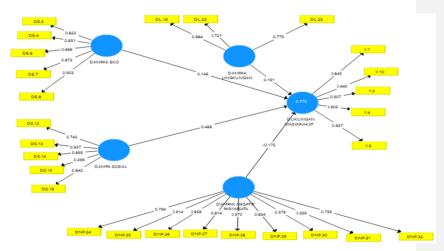
Hipothesis	Coeffisient Score
Social impact toward community support	0.466
Economic impact toward community support	0.146
Environment impact toward community support	0.191
Negative impact of tourism toward community support	-0.175

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than >1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values are bigger than 5 %. So both of the variables are insignificant.

Table 9
Output result from with bootstraping measurement

	Origin al sampl e	Samp le Mean s	Standar deviation	T statistic s	P values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and

tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of
- psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
 - Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
 - Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12

- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). Sustainability (Switzerland), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-

0086

- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
 - Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
 - Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
 - Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861.

- https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. *Sustainability (Switzerland)*, 10(3). https://doi.org/10.3390/su10030802

The Support of Local Community Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region. As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the amount of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku.

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are performed to strengthen the ties of kinship in the Mamala and Morella

villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee(TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to two theories, there are; social exchange theory (SET) and tourism competitiveness theory (TDC theory). Afterthat, compiling a model with research variables; perceptions of the positive impact of tourism (socio-cultural, economic and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four main founders of these theory: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized on psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Commented [u1]: 1.Which theory will be tested? Testing two theories is out of focus. 2.2. Need an explanation of position (originality) compared

2.2. Need an explanation of position (originality) compared to previous research

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P,

while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METODE PENELITIAN (Hanya untuk Penelitian Kuantitatif)

Quantitative with an explanatory method is used in order to exam research hypotheses and confirm pre-existing theories. SEM-PLS is used to analyze the data. Moreover, data is obtained by 51 respondents who are lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application can analyze the direct and indirect effects as caused by a research model even though the sample size is small, however, the software features have the required tests that are almost the same as Amos and Lisrel.

Variable and Measurement Method

There are four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Variable	Reference indicators and number of statements	Measurement Scales
Economic	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) and	5
	Hanafiah with 8 amount indicators.	
Socio- Cultural	Refers to the questionnaire by Chee	Likert scale 1-
Iimpact	Hue Chin et.al (2017) with 10 amount	5
	indicators.	
Environment	Refers to the questionnaire built by	Likert scale 1-
Impact	Chee Hue Chin et.al (2017) with 5 statements.	5
Negativity of	Refers to the quetionnaire bult by	Likert scale 1-
Tourism	Chee Hue Chin et.al (2017) with 9	5
Impact	statements.	
Community	Refers to the quetionnaire built by	Likert scale 1-
Local Support	Chee Hua chin and modified by	5
Towatd Sharia	Sharia Tourism research team with 11	
	indicators.	

Commented [u2]: The research data is biased, because all respondents perceive the same thing (organizational unit of analysis). This research is more appropriate to use a qualitative approach.

Tourism Development

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 1
Outerloading variable economic impact

Economic Impact Statements	outerloading	Conclusion	
DE1 Tourism attracts investment and	-0.273	Deleted	
economic activity in this village			
DE2 The quality of life increases due to	0.238	Deleted	
the large number of tourists shopping in			
this area			
DE3 Prices of goods, services and land,	0.809	Accepted for	
housing area increase due to tourism activity		analysing	
DE4 Tourism gives economy impact for	0.927	Accepted for	
the village		analysing	
	0.205	Deleted	
DE5 Tourism gives benefit only for several people in the village			
DE6 Tourism creates/ provides new job	0.852	Accepted for t	the
opportunities for local residents		analysing	
DE7 Due to tourism, roads and other	0.853	Accepted	
facilities around the area are getting better		·	
DE8 Generally, tourism gives positive impact rather than negative impact in economy for the village	0.890	Accepted	

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 2

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion	
DS 10: Event/Meeting held by people from	0.222	Invalid	
local and international are giving valuable			
experience for local resident.			
DS 11: Tourism is increasing recreational	0.493	Invalid	
facilities in this area.			
DS 12: Tourism changes Tradition and	0.675	Valid	
Culture of the community in the village.			
DS 13: Local residents is suffering low	0.937	Valid	
quality of life due to tourists activity			
DS 14: Tourist is attracted to learn about	0.844	Valid	
culture in this village.			
DS 15: Local residents learn about their own	0.379	Invalid	
culture as the effect of interaction with			
tourist.			
DS 16: Tourism caused chaotic and	-0.231	Invalid	
criminallity			
DS 17: Generally, tourism gives positive	0.258	Invalid	
effect rather than negative effect toward			
local culture and community local custom.			
DS 18: Event gives precious experience for	0.838	Valid	
local residents			
DS 19: Tourism increases the availability	0.093	Invalid	
facilities around the villlage			

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

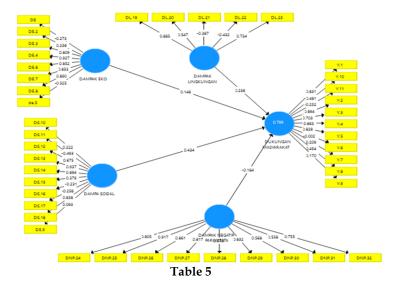
Table 3. Negative Impacts

Negative impact of tourism questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are increased	0.568	Valid
DNP 31: Tourism activities are increasing the cost of living	0.558	Valid
DNP 32: Seasonal unemployment is increased	0.755	Valid

Table 4. Community Support Impact

Community Support Impact					
Community support toward tourism activity	Outerloading	Conclusion			
Y1: I participate in activities related to tourism in this village	0.831	Valid			
Y2: I participate in planning and managing tourism activities in the community	0.703	Valid			
Y3: I participate in cultural exchange between local resident and tourist	0.252	Invalid			
Y4: I make collaboration with the planner and constructor of this tourism village	0.894	Valid			
Y5: I participate in education, promote environmental conservation and provide eco- friendly education	0.828	Valid			
Y6: Our village has a lot of culture that deserves to be a tourist	-0.002	Invalid			
Y7: I support our village to be Sharia Tourism village	0.209	Invalid			
Y8: Our village provide halal drink and beverage	0.454	Invalid			
Y9: I guarantee that there are placed to pray such as mosque	0.170	Invalid			
Y10: I guarantee that there are closed bathroom and cleaned water	0.252	Invalid			
Y11: I guarantee there are placed to stay for family such as legal couple and family (Husband and wife and quiverful)	0.481	Invalid			

Figure 1. The Result of Output Model



Statements	Outer Loading Score	Conclusion	
DE3	0.822	Valid	
DE4	0.931	Valid	
DE6	0.866	Valid	
DE7	0.872	Valid	
DE8	0.903	Valid	
DL 19	0.884	Valid	
DL20	0.721	Valid	
DL23	0.775	Valid	
DNP24	0.799	Valid	
DNP25	0.914	Valid	
DNP26	0.859	Valid	
DNP27	0.814	Valid	
DNP28	0.570	Valid	
DNP29	0.834	Valid	
DNP30	0.579	Valid	
DNP31	0.559	Valid	
DS 12	0.742	Valid	
DS 13	0.937	Valid	
DS 14	0.895	Valid	
DS15	0.399		
DS 18	0.842	Valid	
Y1	0.845	Valid	
Y10	0.440		
Y2	0.907	Valid	
Y4	0.905	Valid	
Y5	0.837	Valid	

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than

0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6 Construct Reability and Validity

	Construct Readinty and Validity				
	Cronbach Alfa	Rho- Al	Composite reability	Average Variance extracted	
Social Impact	0.842	0.915	0.884	0.620	
Economy Impact	0.927	0.940	0.945	0.774	
Environment	0.718	0.774	0.838	0.634	
Impact					
Negative Impact	0.901	0.927	0.920	0.569	
Community Support	0.854	0.902	0.899	0.650	

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7
Discriminant Validity

	Social Impact	Econom ic	Environm ent	Negative Impact of	Communit y Support
		Impact	Impact	Tourism	
Social	0.787				
Impact					
Economic	0.848	0.880			
Impact					
Environmen	0.811	0.767	0.796		
t Impact					
Negative	-0.621	-0.597	-0.523		
Impact of				0.754	
Tourism					
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8 Coefficient Output

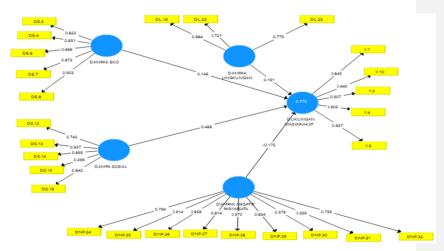
Hipothesis	Coeffisient Score
Social impact toward community support	0.466
Economic impact toward community support	0.146
Environment impact toward community support	0.191
Negative impact of tourism toward community support	-0.175

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than >1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values are bigger than 5 %. So both of the variables are insignificant.

Table 9
Output result from with bootstraping measurement

	Origin al sampl e	Samp le Mean s	Standar deviation	T statistic s	P values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and

tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of
- psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
 - Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
 - Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12

- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). Sustainability (Switzerland), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-

0086

- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
 - Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
 - Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
 - Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861.

- https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. *Sustainability (Switzerland)*, 10(3). https://doi.org/10.3390/su10030802

The Effect of Local Community Support Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area.

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region (Saimima et al. 2018; Solemede et al. 2020). As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture, and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the number of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku (Saimima et al. 2018; Solemede et al. 2020).

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are

performed to strengthen the ties of kinship in the Mamala and Morella villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee (TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to the social exchange theory (SET). Some previous studies using the theory applied it in some focuses, such Perception (Saad et al. 2020), impact (Haddad et al. 2019), quality of service (Purbasari & Ratnasari, 2021), and residents' attitude (Meimand et al. 2017; Rashid 2020) on tourism development. The difference between these studies and this research was that none of those discussed sharia tourism existence and development so it was significant to conduct an overview on sharia tourism by using social exchange theory as it can mediate tourism and local communities. Therefore, this study focused on the perceptions of the positive impact of tourism (socio-cultural, economic, and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four

Commented [u1]: 1. Which theory will be tested?
Testing two theories is out of focus.
2.2. Need an explanation of position (originality) compared to previous research

Commented [ANI2R1]: We have done revising it. See the yellow highlight.

main founders of these theories: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers

have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P, while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METHODS

Quantitative with an explanatory method is used in order to examine research hypotheses and confirm pre-existing theories, which in this context of our study was social exchange theory. SEM-PLS was used to analyze the data. Moreover, data were obtained by 51 respondents who lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application was used to analyze the direct and indirect effects as caused by a research model even though the sample size was small, however, the software features had the required tests that were almost the same as Amos and Lisrel.

Variable and Measurement Method

There were four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Table 1.

Measurement scales of variables and indicators

Variable	Reference indicators and number of statements	Measurement Scales
Economic Impact	Refers to the questionnaire built by Chee Hue Chin et.al (2017) and Hanafiah with 8 amount indicators.	Likert scale 1-5

Commented [u3]: The research data is biased, because all respondents perceive the same thing (organizational unit of analysis). This research is more appropriate to use a qualitative approach.

Commented [ANI4R3]: We cannot modify and change the perspective of our study into qualitative research. Our study used a quantitative perspective by employing quantitative devices for measurement and analysis, such as SmartPLS. To emphasize our perspective in our study, we had modified the title as highlighted. Thank you.

Socio- Cultural	Refers to the questionnaire by Chee Hue Chin et.al	Likert scale 1-5
Iimpact	(2017) with 10 amount indicators.	
Environment	Refers to the questionnaire built by Chee Hue Chin	Likert scale 1-5
Impact	et.al (2017) with 5 statements.	
Negativity of	Refers to the quetionnaire bult by Chee Hue Chin	Likert scale 1-5
Tourism Impact	et.al (2017) with 9 statements.	
Community Local	Refers to the quetionnaire built by Chee Hua chin	Likert scale 1-5
Support Toward	and modified by Sharia Tourism research team with	
Sharia Tourism	11 indicators.	
Development		

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 2. Outerloading variable economic impact

Economic Impact Statements	Outerloading	Conclusion
DE1 Tourism attracts investment and economic activity	-0.273	Deleted
in this village		
DE2 The quality of life increases due to the large number	0.238	Deleted
of tourists shopping in this area		
DE3 Prices of goods, services and land, housing area	0.809	Accepted for analysing
increase due to tourism activity		
DE4 Tourism gives economy impact for the village	0.927	Accepted for analysing
	0.205	Deleted
DE5 Tourism gives benefit only for several people in the		
village		
DE6 Tourism creates/ provides new job opportunities for	0.852	Accepted for the
local residents		analysing
DE7 Due to tourism, roads and other facilities around the	0.853	Accepted
area are getting better		
-		
DE8 Generally, tourism gives positive impact rather than	0.890	Accepted
negative impact in economy for the village		

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 3.

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from local and	0.222	Invalid
international are giving valuable experience for local		
resident.		
DS 11: Tourism is increasing recreational facilities in this	0.493	Invalid
area.		
DS 12: Tourism changes Tradition and Culture of the	0.675	Valid
community in the village.		
DS 13: Local residents is suffering low quality of life due to	0.937	Valid
tourists activity		
DS 14: Tourist is attracted to learn about culture in this	0.844	Valid
village.		
DS 15: Local residents learn about their own culture as the	0.379	Invalid
effect of interaction with tourist.		
DS 16: Tourism caused chaotic and criminallity	-0.231	Invalid
DS 17: Generally, tourism gives positive effect rather than	0.258	Invalid
negative effect toward local culture and community local		
custom.		
DS 18: Event gives precious experience for local residents	0.838	Valid
DS 19: Tourism increases the availability facilities around	0.093	Invalid
the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

Table 4. Negative Impacts

Negative Impact of Tourism Questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are	0.568	Valid
increased		
DNP 31: Tourism activities are increasing the cost of	0.558	Valid
living		
DNP 32: Seasonal unemployment is increased	0.755	Valid

Table 5. Community Support Impact

Community Support toward Tourism Activity	Outerloading	Conclusion
Y1: I participate in activities related to tourism	0.831	Valid
in this village		
Y2: I participate in planning and managing	0.703	Valid
tourism activities in the community		

Y3: I participate in cultural exchange between	0.252	Invalid
local resident and tourist		
Y4: I make collaboration with the planner and	0.894	Valid
constructor of this tourism village		
Y5: I participate in education, promote	0.828	Valid
environmental conservation and provide eco-		
friendly education		
Y6: Our village has a lot of culture that deserves	-0.002	Invalid
to be a tourist		
Y7: I support our village to be Sharia Tourism	0.209	Invalid
village		
Y8: Our village provide halal drink and	0.454	Invalid
beverage		
Y9: I guarantee that there are placed to pray	0.170	Invalid
such as mosque		
Y10: I guarantee that there are closed bathroom	0.252	Invalid
and cleaned water		
Y11: I guarantee there are placed to stay for	0.481	Invalid
family such as legal couple and family		
(Husband and wife and quiverful)		

Figure 1. The Result of Output Model

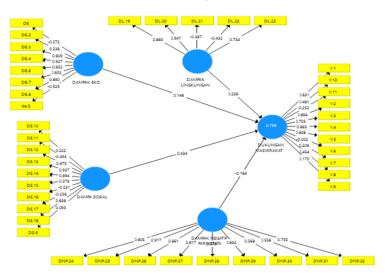


Table 6.
The Result of Output Model Research fo Second Running

0.822	Valid
	0.822

DE4	0.931	Valid
DE6	0.866	Valid
DE7	0.872	Valid
DE8	0.903	Valid
DL 19	0.884	Valid
DL20	0.721	Valid
DL23	0.775	Valid
DNP24	0.799	Valid
DNP25	0.914	Valid
DNP26	0.859	Valid
DNP27	0.814	Valid
DNP28	0.570	Valid
DNP29	0.834	Valid
DNP30	0.579	Valid
DNP31	0.559	Valid
DS 12	0.742	Valid
DS 13	0.937	Valid
DS 14	0.895	Valid
DS15	0.399	
DS 18	0.842	Valid
Y1	0.845	Valid
Y10	0.440	
Y2	0.907	Valid
Y4	0.905	Valid
Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than 0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6. Construct Reability and Validity

	Cronbach Alfa	Rho- Al	Composite Reliability	Average Variance extracted
Social Impact	0.842	0.915	0.884	0.620
Economy Impact	0.927	0.940	0.945	0.774
Environment Impact	0.718	0.774	0.838	0.634

Negative Impact	0.901	0.927	0.920	0.569
Community Support	0.854	0.902	0.899	0.650

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7. Discriminant Validity

	Social Impact	Economic Impact	Environment Impact	Negative Impact of Tourism	Community Support
Social Impact	0.787				
Economic	0.848	0.880			
Impact					
Environment	0.811	0.767	0.796		
Impact					
Negative Impact	-0.621	-0.597	-0.523		
of Tourism				0.754	
Community Support	0.853	0.792	0.772	-0.651	0.806

Table 8. Coefficient Output

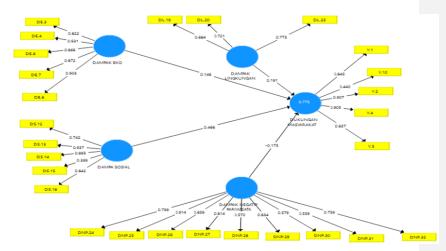
Hypothesis	Coefficient Score
Social impact toward community support	0.466
Economic impact toward community	0.146
support	
Environment impact toward community	0.191
support	
Negative impact of tourism toward	-0.175
community support	

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than > 1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values sre bigger than 5 %. So both of the variables are insignificant.

Table 9. Output result from with bootstraping measurement

	Original Sample	Sample Means	Standard Deviation	T Statistics	p-values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident. This phenomenon, on

the other hand, should be viewed from the perspective of social exchange theory, where the tourism and the residents should act beneficially to create a mutual exchange.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
- Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
- Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12
- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). *Sustainability* (*Switzerland*), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents'

- perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Haddad, H., Harahsheh, S., & Boluk, K. (2019). The negative sociocultural impacts of tourism on Bedouin communities of Petra, Jordan. *e-Review of Tourism Research*, Vol. 16, pp. 489-510.
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-0086
- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for

- sustainable tourism development. *Tourism Management*, 34, 37-46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Meimand, SE., Khalifah, Z., Zavadskas, EK., Mardani, A., Najafipour, AA., & Ahmad, UNU. (2017). Residents' attitude toward tourism development: A sociocultural perspective. Sustainability, Vol. 9, pp. 1-29.
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
- Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
- Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
- Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861. https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict

- Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Purbasari, LT., Ratnasari, RT. (2021). The conceptual models of e-service quality to increase commitment waqif. *JEBIS: Jurnal Ekonomi dan Bisnis Islam*, Vol. 7, pp. 289-307.
- Rashid, I. (2020). Resident attitudes towards support for future tourism: Utilising the Social Exchange Theory (SET). *Journal of Tourism, Hospitality & Culinary Arts*, Vol. 12, pp. 106-119.
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Saad, M., Abdullah, NN., & Rosman, SNH. Exploring host community perception of Panchor Town for Tourist destination based on social exchange theory. *Asian Journal of Behavioural Studies*, Vol. 5, pp. 1-10.
- Saimima, RMM., Zpalanzani, A., & Mutiaz, IR. (2018). Pemetaan industri pariwisata Maluku sebagai landasan perancangan strategi brand Baronda Maluku. *Barista: Jurnal Kajian Bahasa dan Pariwisata*, Vol. 5, pp. 145-157.
- Solemede, I., Tamaneha, T., Selfanay, R., Solemede, M., & Walunaman, K. (2020). Strategi pemulihan potensi pariwisata budaya di Provinsi Maluku (Suatu kajian analisis di masa transisi kenormalan baru). NOUMENA: Jurnal Ilmu Sosial Keagamaan, Vol. 1, pp. 69-86.
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008

Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. Sustainability (Switzerland), 10(3). https://doi.org/10.3390/su10030802

The Effect of Local Community Support Toward Sharia Tourism in Central Maluku Regency

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region (Saimima et al. 2018; Solemede et al. 2020). As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture, and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the number of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku (Saimima et al. 2018; Solemede et al. 2020).

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are

performed to strengthen the ties of kinship in the Mamala and Morella villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee (TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to the social exchange theory (SET). Some previous studies using the theory applied it in some focuses, such Perception (Saad et al. 2020), impact (Haddad et al. 2019), quality of service (Purbasari & Ratnasari, 2021), and residents' attitude (Meimand et al. 2017; Rashid 2020) on tourism development. The difference between these studies and this research was that none of those discussed sharia tourism existence and development so it was significant to conduct an overview on sharia tourism by using social exchange theory as it can mediate tourism and local communities. Therefore, this study focused on the perceptions of the positive impact of tourism (socio-cultural, economic, and environmental) as well as negative perceptions of the impact of tourism on the support of residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW

Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four

main founders of these theories: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Cropanzano (2005: 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers

have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P, while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

METHODS

Quantitative with an explanatory method is used in order to examine research hypotheses and confirm pre-existing theories, which in this context of our study was social exchange theory. SEM-PLS was used to analyze the data. Moreover, data were obtained by 51 respondents who lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application was used to analyze the direct and indirect effects as caused by a research model even though the sample size was small, however, the software features had the required tests that were almost the same as Amos and Lisrel.

Variable and Measurement Method

There were four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Table 1.

Measurement scales of variables and indicators

Variable	Reference indicators and number of statements	Measurement Scales
Economic Impact	Refers to the questionnaire built by Chee Hue Chin et.al (2017) and Hanafiah with 8 amount indicators.	Likert scale 1-5

Socio- Cultural	Refers to the questionnaire by Chee Hue Chin et.al	Likert scale 1-5
Iimpact	(2017) with 10 amount indicators.	
Environment	Refers to the questionnaire built by Chee Hue Chin	Likert scale 1-5
Impact	et.al (2017) with 5 statements.	
Negativity of	Refers to the quetionnaire bult by Chee Hue Chin	Likert scale 1-5
Tourism Impact	et.al (2017) with 9 statements.	
Community Local	Refers to the quetionnaire built by Chee Hua chin	Likert scale 1-5
Support Toward	and modified by Sharia Tourism research team with	
Sharia Tourism	11 indicators.	
Development		

RESULTS AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 2. Outerloading variable economic impact

Economic Impact Statements	Outerloading	Conclusion
DE1 Tourism attracts investment and economic activity	-0.273	Deleted
in this village		
DE2 The quality of life increases due to the large number	0.238	Deleted
of tourists shopping in this area		
DE3 Prices of goods, services and land, housing area	0.809	Accepted for analysing
increase due to tourism activity		
DE4 Tourism gives economy impact for the village	0.927	Accepted for analysing
	0.205	Deleted
DE5 Tourism gives benefit only for several people in the		
village		
DE6 Tourism creates/ provides new job opportunities for	0.852	Accepted for the
local residents		analysing
DE7 Due to tourism, roads and other facilities around the	0.853	Accepted
area are getting better		
DE8 Generally, tourism gives positive impact rather than	0.890	Accepted
negative impact in economy for the village		

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 3.

Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from local and	0.222	Invalid
international are giving valuable experience for local		
resident.		
DS 11: Tourism is increasing recreational facilities in this	0.493	Invalid
area.		
DS 12: Tourism changes Tradition and Culture of the	0.675	Valid
community in the village.		
DS 13: Local residents is suffering low quality of life due to	0.937	Valid
tourists activity		
DS 14: Tourist is attracted to learn about culture in this	0.844	Valid
village.		
DS 15: Local residents learn about their own culture as the	0.379	Invalid
effect of interaction with tourist.		
DS 16: Tourism caused chaotic and criminallity	-0.231	Invalid
DS 17: Generally, tourism gives positive effect rather than	0.258	Invalid
negative effect toward local culture and community local		
custom.		
DS 18: Event gives precious experience for local residents	0.838	Valid
DS 19: Tourism increases the availability facilities around	0.093	Invalid
the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

Table 4. Negative Impacts

Negative Impact of Tourism Questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused environmental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are	0.568	Valid
increased		
DNP 31: Tourism activities are increasing the cost of	0.558	Valid
living		
DNP 32: Seasonal unemployment is increased	0.755	Valid

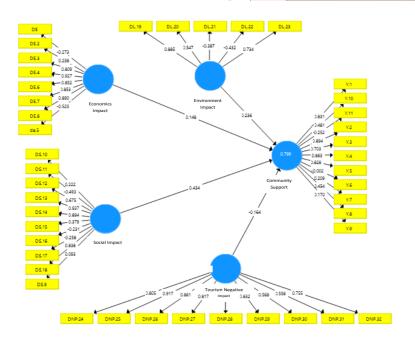
Table 5. Community Support Impact

Community Support toward Tourism Activity	Outerloading	Conclusion
Y1: I participate in activities related to tourism	0.831	Valid
in this village		
Y2: I participate in planning and managing	0.703	Valid
tourism activities in the community		

Nama Penulis

Y3: I participate in cultural exchange between	0.252	Invalid
local resident and tourist		
Y4: I make collaboration with the planner and	0.894	Valid
constructor of this tourism village		
Y5: I participate in education, promote	0.828	Valid
environmental conservation and provide eco-		
friendly education		
Y6: Our village has a lot of culture that deserves	-0.002	Invalid
to be a tourist		
Y7: I support our village to be Sharia Tourism	0.209	Invalid
village		
Y8: Our village provide halal drink and	0.454	Invalid
beverage		
Y9: I guarantee that there are placed to pray	0.170	Invalid
such as mosque		
Y10: I guarantee that there are closed bathroom	0.252	Invalid
and cleaned water		
Y11: I guarantee there are placed to stay for	0.481	Invalid
family such as legal couple and family		
(Husband and wife and quiverful)		

Figure 1. The Result of Output <mark>Model</mark>



Commented [MOU1]: use English....(dampak lingkungan, dst)

Commented [ANI2R1]: we have done our correction.

Table 6.
The Result of Output Model Research fo Second Running

DE3 0.822 Valid DE4 0.931 Valid DE6 0.866 Valid DE7 0.872 Valid DE8 0.903 Valid DL 9 0.884 Valid DL20 0.721 Valid DL23 0.775 Valid DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y2 0.907 Valid Y4 0.905 Valid	Statements	Outer Loading Score	Conclusion
DE6 0.866 Valid DE7 0.872 Valid DE8 0.903 Valid DL 19 0.884 Valid DL20 0.721 Valid DL23 0.775 Valid DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y2 0.907 Valid Y4 0.905 Valid	DE3		Valid
DE7 0.872 Valid DE8 0.903 Valid DL 19 0.884 Valid DL20 0.721 Valid DL23 0.775 Valid DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y2 0.907 Valid Y4 0.905 Valid	DE4	0.931	Valid
DE8 0.903 Valid DL 19 0.884 Valid DL20 0.721 Valid DL23 0.775 Valid DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DE6	0.866	Valid
DL 19	DE7	0.872	Valid
DL20 0.721 Valid DL23 0.775 Valid DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DE8	0.903	Valid
DL23	DL 19	0.884	Valid
DNP24 0.799 Valid DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DNP31 0.559 Valid DNP31 0.559 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.845 Valid Y1 0.440 Y2 0.907 Valid Y4 0.905 Valid	DL20	0.721	Valid
DNP25 0.914 Valid DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DL23	0.775	Valid
DNP26 0.859 Valid DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DNP24	0.799	Valid
DNP27 0.814 Valid DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DNP25	0.914	Valid
DNP28 0.570 Valid DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DNP26	0.859	Valid
DNP29 0.834 Valid DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DNP27	0.814	Valid
DNP30 0.579 Valid DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS15 0.399 Valid DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Valid Y2 0.907 Valid Y4 0.905 Valid	DNP28	0.570	Valid
DNP31 0.559 Valid DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Y2 0.907 Valid Y4 0.905 Valid	DNP29	0.834	Valid
DS 12 0.742 Valid DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y1 0.440 Y2 0.907 Valid Y4 0.905 Valid	DNP30	0.579	Valid
DS 13 0.937 Valid DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DNP31	0.559	Valid
DS 14 0.895 Valid DS 15 0.399 DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DS 12	0.742	Valid
DS15 0.399 DS18 0.842 Valid Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DS 13	0.937	Valid
DS 18 0.842 Valid Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DS 14	0.895	Valid
Y1 0.845 Valid Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DS15	0.399	
Y10 0.440 Y2 0.907 Valid Y4 0.905 Valid	DS 18	0.842	Valid
Y2 0.907 Valid Y4 0.905 Valid	Y1	0.845	Valid
Y4 0.905 Valid	Y10	0.440	
	Y2	0.907	Valid
Y5 0.837 Valid	Y4	0.905	Valid
	Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than 0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6. Construct Reability and Validity

	Cronbach Alfa	Rho- Al	Composite Reliability	Average Variance extracted
Social Impact	0.842	0.915	0.884	0.620
Economy Impact	0.927	0.940	0.945	0.774
Environment Impact	0.718	0.774	0.838	0.634
Negative Impact	0.901	0.927	0.920	0.569
Community Support	0.854	0.902	0.899	0.650

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7. Discriminant Validity

	Social Impact	Economic Impact	Environment Impact	Negative Impact of Tourism	Community Support
Social Impact	0.787				
Economic	0.848	0.880			
Impact					
Environment	0.811	0.767	0.796		
Impact					
Negative Impact	-0.621	-0.597	-0.523		
of Tourism				0.754	
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8. Coefficient Output

Hypothesis	Coefficient Score		
Social impact toward community support	0.466		
Economic impact toward community	0.146		
support			
Environment impact toward community	0.191		
support			
Negative impact of tourism toward	-0.175		
community support			

Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact abaout 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

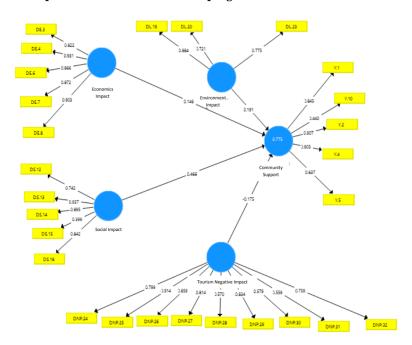
In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than > 1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of

tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values sre bigger than 5 %. So both of the variables are insignificant.

Table 9. Output result from with bootstraping measurement

	Original Sample	Sample Means	Standard Deviation	T Statistics	p-values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004

Figure 2.
Output result from with bootstraping measurement: A Framework



DISCUSSION

The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident. This phenomenon, on the other hand, should be viewed from the perspective of social exchange theory, where the tourism and the residents should act beneficially to create a mutual exchange.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on

community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

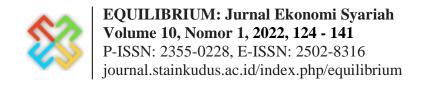
- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
- Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
- Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism

- development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12
- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). *Sustainability* (*Switzerland*), 7(6), 6412-6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Haddad, H., Harahsheh, S., & Boluk, K. (2019). The negative sociocultural impacts of tourism on Bedouin communities of Petra, Jordan. *e-Review of Tourism Research*, Vol. 16, pp. 489-510.
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A

- structural equation analysis. 32(1).
- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-0086
- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Meimand, SE., Khalifah, Z., Zavadskas, EK., Mardani, A., Najafipour, AA., & Ahmad, UNU. (2017). Residents' attitude toward tourism development: A sociocultural perspective. Sustainability, Vol. 9, pp. 1-29.
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press

- Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006
- Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
- Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861. https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Purbasari, LT., Ratnasari, RT. (2021). The conceptual models of e-service quality to increase commitment waqif. *JEBIS: Jurnal Ekonomi dan Bisnis Islam*, Vol. 7, pp. 289-307.
- Rashid, I. (2020). Resident attitudes towards support for future tourism: Utilising the Social Exchange Theory (SET). *Journal of Tourism, Hospitality & Culinary Arts*, Vol. 12, pp. 106-119.
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S0261517716302 357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Saad, M., Abdullah, NN., & Rosman, SNH. Exploring host community perception of Panchor Town for Tourist destination based on social exchange theory. *Asian Journal of Behavioural Studies*, Vol. 5, pp. 1-10.
- Saimima, RMM., Zpalanzani, A., & Mutiaz, IR. (2018). Pemetaan industri pariwisata Maluku sebagai landasan perancangan strategi brand Baronda Maluku. *Barista: Jurnal Kajian Bahasa dan Pariwisata*, Vol. 5, pp. 145-157.

- Solemede, I., Tamaneha, T., Selfanay, R., Solemede, M., & Walunaman, K. (2020). Strategi pemulihan potensi pariwisata budaya di Provinsi Maluku (Suatu kajian analisis di masa transisi kenormalan baru). NOUMENA: Jurnal Ilmu Sosial Keagamaan, Vol. 1, pp. 69-86.
- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. Sustainability (Switzerland), 10(3). https://doi.org/10.3390/su10030802



The Effect of Local Community Support Toward Sharia Tourism in Central Maluku Regency

Mar'atun Shalihah¹

Abstract

The aim of this reseach is to analyze the supported influence of local community based on Sharia Tourism Development in Central Maluku Regency. There are some variables that are affected this research such as, negative and positive perception of local residents toward economy, sosial and environment around the population. Methodology of this reseach is quantitative research which is used explanatory method. There are around 51 participants as samples. Those samples are choosed from Mamala and Morella village who directly involved in tourism activities. The data is processed and analyzed using SEM PLS ver.3 Software. Results of the study found that: the social impact had a positive and significant impact on local community support for sharia tourism development, the negative impact had a negative and significant impact on the support for sharia tourism development, while the economic and environmental impact had a positive but not significant impact on the population support local to the development of sharia tourism.

Keywords: impact; economic impact; environmental impact; negative impact; community support

INTRODUCTION

Tourism sector gives significant contribution to the region economic development. The development towards business is very likely to open up wide employment opportunities for local residents, provide opportunities for economic benefits, improve infrastructure tourism objects in the vicinity; on the other hand, it creates a positive brand for the destination area.

Indonesian government is trying to improve tourism competitiveness in various aspects by offering several "New Balis" concept to introduce destinations in Indonesia other than Bali and Jakarta. It has been planned from the government that 10 regions which have become "New Leading Destinations" including: Toba Lake, Tanjung Lesung (Banten), Thousand Islands (Jakarta), Tanjung Kelayang Beach (Bangka Belitung), Borobudur

¹Institut Agama Islam Negeri (IAIN) Ambon, Indonesia Email : m.shalihah@iainambon.ac.id



EQUILIBRIUM, Volume 9, Nomor 1, 2022

Temple (Central Java), Mount Bromo (East Java), Mandalika (NTB), Labuan Bajo (NTT), Wakatobi (Sutra), Morotai Island (Morotai, North Maluku). The promotion's goal is to increase foreign and domestic tourists to visit tourism destinations in order to realize equitable distribution of infrastructure and economic income in various parts of Indonesia so destinations itself not only centralized in Java area.

Moreover, Maluku's Provincial Government continues to make various breakthroughs and programs in order to manage the tourism potential in Maluku's region (Saimima et al. 2018; Solemede et al. 2020). As stated in the Vision and Mission of the Governor, Murad Ismail tries to improve a conducive atmosphere for investment, culture, and tourism. Several Maluku destinations that are included in the framework of the National Strategic Project are Banda Naira area, Buru Region and its surroundings, Central Maluku, Southeast Maluku. There are several tourist attractions that are trending in Maluku Province, they are: Ora and Seleman Islands (marine tourism), Osi Island (SBB), Bair Island and Pasir Timbul Beach with the finest sand in the world (in Tual); meanwhile, the provincial government also has tourism events and calendars that have been prepared for the next year (2021) with the following agenda: Hatta-Shahrir Festival (August/Banda Naira), Tour de Moluccas (Ambon, Banda, Langgur, October), Tong Tong Fair (The Hague, Netherlands-September), Breda Festival (Rhun Island, October), Kapitan Jogker Festival (Manipa Island, SBB), Maluku Celebration Festival (Ambon City), Spice Island Festival (Banda Naira, November). All events and destination promotions are held by the government and various tourism stakeholders in Maluku aimed to increase the number of tourist visits and tourism competitiveness in Maluku, also it is expected that development in the tourism sector will affect the economy and quality of life of people in Maluku (Saimima et al. 2018; Solemede et al. 2020).

Nowadays, there is a new trend in the tourism industry, namely sharia tourism. Sharia tourism has been developed by many countries, such as Japan, Australia, Thailand, New Zealand, and so on which those country are not Muslim-majority countries. In fact, they participate in making sharia tourism products. The concept of sharia tourism is literally the actualization of the concept of Islam where the value of halal and haram is used as the main benchmark. One of them is the availability of various halal products at tourism support facilities such as restaurants and hotels that provide halal food and prayer places. The products of tourism, services and destinations in sharia tourism are the same as tourism in general way as long the principles are not contradicted to sharia principles.

Mamala and Morella Villages which are in Central Maluku Regency, have the potential to be developed as "Muslim-Friendly" tourist attractions

and are in great demand by tourists because of the uniqueness. Mamala and Morela villages are offering natural attractions with natural views for various photo spots, beautiful diving and snorkeling spots such as Tilepuwai Beach or Letang Morella Beach and Lubang Buaya Beach. There is a historical tour of the Kapahaha Fort as evidence of Kapahaha War in 1637-1646 and the Wapauwe Old Mosque which is evidence of how the first Islam history in Maluku. In addition, there are cultural tours that are performed to strengthen the ties of kinship in the Mamala and Morella villages such as Hadrat and Hit Manyapu. These villages provide with other supporting facilities such as the places of worship, places to eat and another halal facility.

The development of sharia tourism villages in addition to utilizing existing potentials and the participation of local residents around the tourism objects are very important. Furthermore, local residents need to increase their tourism awareness, actively participation and great hospitality to create the sense of security for all visitors. The involvement of local residents in tourism activities show that tourism development in the village has the support of local residents in tourism objects.

The support of local residents as a research theme has been researched by several researchers such as: Untong et. (Untong, Kaosa-ard, & Ramos, 2010) al (2010), Tsung Hung Lee (TH Lee, 2013) (2013), S. Mostafa Rasoolimanesh et.al (Latip, Rasoolimanesh, Jaafar, Marzuki, & Umar, 2018; SM Rasoolimanesh, Ringle, Jaafar, & ..., 2017) (2017), May-Chiun Lo et.al (Lo, Chin, & Law, 2019), Jason Lim et.al (Lim, Lo, Mohamad, Chin, & Ramayah, 2017)., Latip, Normah Abdul et.al (Latip et al., 2018), Dogan Gursoy et.al (Gursoy, Jurowski, & Uysal, 2002), Yuanyuan Wang (Wang, Shen, Ye, & zhou, 2020), Shamsa Kanwal et.al (Kanwal, Rasheed, Pitafi, Pitafi, & Ren, 2020). In developing and designing research, as well as discussing tourism phenomena and population support, local communities are based on Social Exchange Theory (SET) and Rational Action Theory as well as Destination Competitive Theory.

This research tries to contribute to the social exchange theory (SET). Some previous studies using the theory applied it in some focuses, such Perception (Saad et al. 2020), impact (Haddad et al. 2019), quality of service (Purbasari & Ratnasari, 2021), and residents' attitude (Meimand et al. 2017; Rashid 2020) on tourism development. The difference between these studies and this research was that none of those discussed sharia tourism existence and development so it was significant to conduct an overview on sharia tourism by using social exchange theory as it can mediate tourism and local communities. Therefore, this study focused on the perceptions of the positive impact of tourism (socio-cultural, economic, and environmental) as well as negative perceptions of the impact of tourism on the support of

residents, local communities for sharia tourism development in Mamala and Morela Villages.

LITERATURE REVIEW Social Exchange Theory

Emerson (1976: 335) explains about social exchange theory that is attracted attention in the fields of sociology and psychology. There are four main founders of these theories: George Homans, John Thibaiut, Harold Kelley, and Peter Blau. Homans's opinion emphasized psychology (instrument behavior) which has an impact on social behavior. Blau emphasizes the technical analysis of the economy. Thibaut and Kelley (1959) cited by Nunkoo (Nunkoo & So, 2016) explain how actors relate to each other in the process of social exchange and what benefits are derived from the process.

Cropanzano (2005 : 874-875) states that social exchange theory (SET) is one of the most influential theories to understand about behavior of work. Social exchange theory emphasizes on independent transactions as the potential to be actualized with quality interactions. Lee et.al (2013) cited by Nkemngu (2015) explains that SET states that people or communities tend to support a project as a form of exchange and profit. They will tend to engage in initiation if it is profitable for them. Ward and Berno (2011) state social exchange theory has provided a conceptual basis for measuring/testing the inter-relationship between perceived costs (sacrifice) and benefits, positive and negative impacts and support for tourism.

According to Ap (1992) cited by (Marc Woons Ku Leuven, 2014) et. al (Diener & Suh, 1997) (2016: 6) social exchange can be defined as "a general socialogical theory concerned with understanding the exchange of resources between individuals and Groups in intercaction situation". Budi (2015: 134-135) writes that most of the researchers have used social exchange theory to explain why and how people behave towards tourism development, for example Ap, 1992. SET theory assumes that people or tourism stakeholders can receive benefits (rewards) greater than the sacrifices or costs incurred for tourism with the benefits/benefits of tourism activities, stakeholders are willing to encourage tourism development.

Tourism Impact

There are three dimensions of tourism's impact which are attempted to be evaluated; economic, socio-cultural, and environmental impacts. Economic impact is defined as the direct benefit and secondary cost of a trip in the travel industry, it can be explained by the net economic changes in a community as the result of expenditure measured by an event (activity) and facilities, job creation, entrepreneurial opportunities, massive investment

attractiveness and high contributions as the hallmarks of economic impact (Chin, Thian, & Lo, 2017).

There are several authors who have examined the social impacts of tourism, including (Eslami, Khalifah, Mardani, & Streimikiene, 2018; Gursoy, Boğan, Dedeoğlu, & alışkan, 2019; Latip et al., 2018; Olya & Gavilyan, 2017; Yu, Cole, & Chancellor, 2018) Latip et.al (2017), Gursoy et.al (2019), boonsiritonchai and Chancahai (2019), Jason Liem et.al (2017), Olya et.al, Sadruddin et.al (2019), Chia-pin Yu et, al (2018). Those researchers have found that social-cultural impact, economic impact, and the impact of tourism on the environment are affected the support of local resident for tourism activities and the quality's life of the resident.

Community Support For Tourism

The community support for tourism as a variable has various terms, for examples: (Nunkoo & Ramkissoon, 2010) are calling it local community support for tourism, (Nunkoo & Gursoy, 2012) are calling it "community support for cultural tourism," Garau, 2015) refers to it as support for P2P, while (JS Lee & Chiang, 2017) as "tourism support", (Kolawole, Mbaiwa, Mmopelwa, & Kgathi, 2018) mention it as "support for tourism development", while (Chin et al. ., 2017) state that local community support for tourism is a mediator variable on tourism destination competitiveness and quality of life of residents.

RESEARCH METHOD

Quantitative with an explanatory method is used in order to examine research hypotheses and confirm pre-existing theories, which in this context of our study was social exchange theory. SEM-PLS was used to analyze the data. Moreover, data were obtained by 51 respondents who lived in two villages; Mamala and Morella villages. Furthermore, Smart PLS as a statistical application was used to analyze the direct and indirect effects as caused by a research model even though the sample size was small, however, the software features had the required tests that were almost the same as Amos and Lisrel.

Variable and Measurement Method

There were four exogenous variables related with the analysis; positive perceptions of the tourism impact in economic, socio-cultural, and environmental as well as perceptions about negative impact of tourism and one endogenous variable: local population support for sharia tourism development in Mamala and Morella villages.

The explanation of those variables, indicators and variable measurement scales can be seen in the table below:

Table 1. Measurement scales of variables and indicators

Variable	Reference indicators and number of statements	Measurement Scales
Economic Impact	Refers to the questionnaire built by Chee Hue Chin	Likert scale 1-5
	et.al (2017) and Hanafiah with 8 amount indicators.	
Socio-Cultural	Refers to the questionnaire by Chee Hue Chin et.al	Likert scale 1-5
Iimpact	(2017) with 10 amount indicators.	
Environment	Refers to the questionnaire built by Chee Hue Chin	Likert scale 1-5
Impact	et.al (2017) with 5 statements.	
Negativity of	Refers to the quetionnaire bult by Chee Hue Chin	Likert scale 1-5
Tourism Impact	et.al (2017) with 9 statements.	
Community Local	Refers to the quetionnaire built by Chee Hua chin	Likert scale 1-5
Support Toward	and modified by Sharia Tourism research team with	
Sharia Tourism	11 indicators.	
Development		

RESULT AND DISCUSSION

The output results of the first PLS running model are as follows:

First, before running the PLS Program and testing the interrelationships between variables in the research, it is very important to focus on the output results of special statistical software related to the outerloading of research indicators from each variable as follows:

Table 2.
Outerloading variable economic impact

Economic Impact Statements	Outerloading	Conclusion
DE1 Tourism attracts investment and economic activity	-0.273	Deleted
in this village		
DE2 The quality of life increases due to the large number	0.238	Deleted
of tourists shopping in this area		
DE3 Prices of goods, services and land, housing area	0.809	Accepted for analysing
increase due to tourism activity		
DE4 Tourism gives economy impact for the village	0.927	Accepted for analysing
	0.205	Deleted
DE5 Tourism gives benefit only for several people in the		
village		
DE6 Tourism creates/ provides new job opportunities for	0.852	Accepted for the
local residents		analysing
DE7 Due to tourism, roads and other facilities around the	0.853	Accepted
area are getting better		_
DE8 Generally, tourism gives positive impact rather than	0.890	Accepted
negative impact in economy for the village		

Table 1. explains that several indicator variables that are not appropriate for analysis because of their outer values are below 0.500, there are DE1 indicators, DE2 indicators and DE indicators 5. However, the others concluded that those indicators can be used for represent these variables and exam the connection between individual values with the amount that is declared as valid indicators.

Table 3. Outerloading Social Impact

Social Impact Questionnaire	Outerloading	Conclusion
DS 10: Event/Meeting held by people from local and	0.222	Invalid
international are giving valuable experience for local		
resident.		
DS 11: Tourism is increasing recreational facilities in this	0.493	Invalid
area.		
DS 12: Tourism changes Tradition and Culture of the	0.675	Valid
community in the village.		
DS 13: Local residents is suffering low quality of life due to	0.937	Valid
tourists activity		
DS 14: Tourist is attracted to learn about culture in this	0.844	Valid
village.		
DS 15: Local residents learn about their own culture as the	0.379	Invalid
effect of interaction with tourist.		
DS 16: Tourism caused chaotic and criminallity	-0.231	Invalid
DS 17: Generally, tourism gives positive effect rather than	0.258	Invalid
negative effect toward local culture and community local		
custom.		
DS 18: Event gives precious experience for local residents	0.838	Valid
DS 19: Tourism increases the availability facilities around	0.093	Invalid
the villlage		

Table 2. describes about several indicators in social impact variable which is not qulified the standard that is 0,500 in order to declare as Valid indicator.

Table 4. Negative Impacts

Negative Impact of Tourism Questionnaire	Outerloading	Conclusion
DNP 24: Tourism caused enviromental damage	0.803	Valid
DNP 25: Tourism increases criminallity	0.917	Valid
DNP26: Tourist impairs cultural heritage	0.861	Valid
DNP27: Tourist is littering around the tourism area	0.817	Valid
DNP28: Tourism wrecks the fraternity	0.578	Valid
DNP 29: Tourist gets drunk caused by alcohol	0.832	Valid
DNP 30: Tourism activity caused land prices are	0.568	Valid
increased		
DNP 31: Tourism activities are increasing the cost of	0.558	Valid
living		

0.755	Valid
	0.755

Table 5. Community Support Impact

Community Support toward Tourism	Outerloading	Conclusion
Activity		
Y1: I participate in activities related to	0.831	Valid
tourism in this village		
Y2: I participate in planning and managing	0.703	Valid
tourism activities in the community		
Y3: I participate in cultural exchange	0.252	Invalid
between local resident and tourist		
Y4: I make collaboration with the planner	0.894	Valid
and constructor of this tourism village		
Y5: I participate in education, promote	0.828	Valid
environmental conservation and provide		
eco-friendly education		
Y6: Our village has a lot of culture that	-0.002	Invalid
deserves to be a tourist		
Y7: I support our village to be Sharia	0.209	Invalid
Tourism village		
Y8: Our village provide halal drink and	0.454	Invalid
beverage		
Y9: I guarantee that there are placed to	0.170	Invalid
pray such as mosque		
Y10: I guarantee that there are closed	0.252	Invalid
bathroom and cleaned water		
Y11: I guarantee there are placed to stay for	0.481	Invalid
family such as legal couple and family		
(Husband and wife and quiverful)		

Figure 1.

The Result of Output Model

Table 6.
The Result of Output Model Research fo Second Running

Statements	ments Outer Loading Score	
DE3	0.822	Valid
DE4	0.931	Valid
DE6	0.866	Valid
DE7	0.872	Valid
DE8	0.903	Valid
DL 19	0.884	Valid
DL20	0.721	Valid
DL23	0.775	Valid
DNP24	0.799	Valid
DNP25	0.914	Valid
DNP26	0.859	Valid
DNP27	0.814	Valid
DNP28	0.570	Valid
DNP29	0.834	Valid
DNP30	0.579	Valid
DNP31	0.559	Valid

DS 12	0.742	Valid
DS 13	0.937	Valid
DS 14	0.895	Valid
DS15	0.399	
DS 18	0.842	Valid
Y1	0.845	Valid
Y10	0.440	
Y2	0.907	Valid
Y4	0.905	Valid
Y5	0.837	Valid

Therefore, the R square of the second running model is 0.775 and the R square Ajusted is 0.755. It means that the ability of the four variables in explaining community support is 77.5% and the rest is due to other variables that are not included in this research model.

Realibility Test for Research Variable

In order to exam reability variable that is used in this research model accordingly it can be seen in statistic score Cronbach Alfa, Rho-A and composite with minimum standard is 0.700 and average score is more than 0.500. Realibility test is an examination to see the respondent consistentcy in answering the questionnaire of the research.

Table 6.
Construct Reability and Validity

	Cronbach Alfa	Rho- Al	Composite Reliability	Average Variance extracted
Social Impact	0.842	0.915	0.884	0.620
Economy Impact	0.927	0.940	0.945	0.774
Environment Impact	0.718	0.774	0.838	0.634
Negative Impact	0.901	0.927	0.920	0.569
Community Support	0.854	0.902	0.899	0.650

Based on the **Table 6**, it can be concluded that all the variables are fulfilled requirements for reability test and validity with score Cronbanch Alfa, Rho-A,and composite reability bigger than 0.700, while the average score of variance extracted is more than 0.500.

Table 7.

Discriminant Validity

	Social Impact	Economic Impact	Environment Impact	Negative Impact of Tourism	Community Support
Social Impact	0.787				
Economic	0.848	0.880			
Impact					
Environment	0.811	0.767	0.796		
Impact					
Negative Impact	-0.621	-0.597	-0.523		
of Tourism				0.754	
Community	0.853	0.792	0.772	-0.651	0.806
Support					

Table 8. Coefficient Output

Hypothesis	Coefficient Score
Social impact toward community	0.466
support	
Economic impact toward community	0.146
support	
Environment impact toward community	0.191
support	
Negative impact of tourism toward	-0.175
community support	

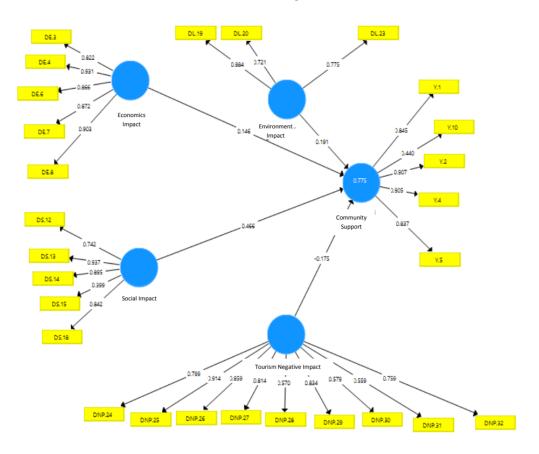
Based on the **Table 8**, variable coefficient score of social impact is 0.466 bigger than coeffisient of environment impact about 0.191, and economic impact about 0.146, meanwhile negative impact of tourism has coefficient score about (-0.175).

In order to find direct significant of the variable, it can be seen in the number T statistics with standard more than > 1.960 dan P values is lower than 5%. In conclusion, the variable of social impact and negative impact of tourism have higher score in t statistic compared with the standardization, whereas economic and environment impact has T statistic score under 1.960 dan P values sre bigger than 5 %. So both of the variables are insignificant.

Table 9. Output result from with bootstraping measurement

	Original Sample	Sample Means	Standard Deviation	T Statistics	p-values
Social impact > community support	0.466	0.472	0.175	2.661	0.008
Economic impact > community support	0.146	0.153	0.118	1.230	0.219
Environment impact > community support	0.191	0.149	0.147	1.303	0.193
Negative impact of tourism > community support	-0.175	-0.179	0.087	2.022	0.004

Figure 2. Output result from with bootstraping measurement: A Framework



Discussion



The relation between economic impact toward community support

Economic impact gives positive transformation although the effect is not affecting significantly to community support. Local residents notice the effect of economy impact caused by the development and activities in tourism area. Economic impact becomes the main factor to influence the support of local resident to support tourism (Untong et al., 2010). Thus, the research is contradicted to (Latip et al., 2018) that state economic impact positively and significantly influence the support of community toward tourism activities in Malaysia. This research also contradicted with (Gannon, Rasoolimanesh, & Taheri, 2020), (Lim et al., 2017), Kozhokulov et.al (2019) state that economic and social impact give positive and significant impact in the quality life of local resident. This phenomenon, on the other hand, should be viewed from the perspective of social exchange theory, where the tourism and the residents should act beneficially to create a mutual exchange.

The relation of social impacttoward community support

Social impact gives positive and significant effect toward the community support. The development of tourism destination must focused on the justice and priority scale that is involved locat resident in order to get the support from the village resident (Boonsiritomachai & Phonthanukitithaworn, 2019). Zafirah A.Khadar et.al (2014) state that tourism development significantly affect social and economic life in Langkawi island. Those are important to increase tourism development has a significant impact on the dimensions of social and economic life on Langkawi Island, to increase every stakeholders' competitiveness to sustainability aspects in community development. The results of this study are in line with the findings of (Untong et al., 2010), (S Mostafa Rasoolimanesh, Ringle, Jaafar, & Ramayah, 2017), Rasoolimanesh (2017), (Latip et al., 2018), Levyda (2020).

The relation of environment impact toward community support

Environmental impact variable had a positive but not significant effect on community support. This is contradicted with Dogan (Gursoy, Zhang, & Chi, 2019) who found that tourism business people must notice to residents' perceptions of tourism activities so they can support and contribute to tourism development, especially in the study of hospitality. (Khalid, Ahmad, Ramayah, Hwang, & Kim, 2019) explain that tourism development is supported by local residents, it is necessary to have community empowerment because it will affect the success of sustainable tourism development. Meanwhile, Levyda (2020) conducts a research in the Thousand Islands found that economic factors had no influence on

community support, but suggested that increasing community support is important to job's opening, protection against traditional culture, and welfare. Aswin Sangpikul (2017) said that the role of tour guides and tourism operators in Thailand greatly contributes to tourism development and community development in tourist areas, because they have promoted social benefits between hosts and visitors through various activities in tourist areas. Tour guides are very important to be equipped with knowledge related to: nature, the environment and proper behavior when touring is held. Therefore, based on the results of the research, it was found that the negative impact of tourism had a negative and significant impact on community support for tourism activities.

CONCLUSION

The conclusion of this research are the social impact has a positive and significant influence on the support for sharia tourism development in Mamala and Morella villages, the negative impact of tourism has a negative and significant influence on the support for sharia tourism development in the village, while the economic and environmental impact have a positive but insignificant impact on the support local residents to the development of sharia tourism in Mamala and Morella villages.

REFERENCES

- Boonsiritomachai, W., & Phonthanukitithaworn, C. (2019). Residents' Support for Sports Events Tourism Development in Beach City: The Role of Community's Participation and Tourism Impacts. *SAGE Open*, 9(2). https://doi.org/10.1177/2158244019843417
- Chin, C. H., Thian, S. S. Z., & Lo, M. C. (2017). Community's experiential knowledge on the development of rural tourism competitive advantage: a study on Kampung Semadang Borneo Heights, Sarawak. *Tourism Review*, 72(2), 238–260. https://doi.org/10.1108/TR-12-2016-0056
- Crowne, C. P., & Marlowe, D. (1960). A new scale of social desirability independent of psychopathology. Journal of Consulting Psychology, 24, 349-354. doi:10.1037/h0047358
- Diener, E., & Suh, E. (1997). Measuring quality of life: Economic, social, and subjective indicators. *Social Indicators Research*, 40(1–2), 189–216. https://doi.org/10.1023/A:1006859511756
- Eslami, S., Khalifah, Z., Mardani, A., & Streimikiene, D. (2018). Impact of non-economic factors on residents' support for sustainable tourism



- development in Langkawi Island, Malaysia. *Economics and Sociology*, 11(4), 181–197. https://doi.org/10.14254/2071-789X.2018/11-4/12
- Gannon, M., Rasoolimanesh, S. M., & Taheri, B. (2020). Assessing the Mediating Role of Residents' Perceptions toward Tourism Development. *Journal of Travel Research*. https://doi.org/10.1177/0047287519890926
- Garau, C. (2015). Perspectives on cultural and sustainable rural tourism in a smart region: The case study of Marmilla in Sardinia (Italy). *Sustainability* (*Switzerland*), 7(6), 6412–6434. https://doi.org/10.3390/su7066412
- Gursoy, D., Boğan, E., Dedeoğlu, B. B., & Çalışkan, C. (2019). Residents' perceptions of hotels' corporate social responsibility initiatives and its impact on residents' sentiments to community and support for additional tourism development. *Journal of Hospitality and Tourism Management*, 39(March), 117–128. https://doi.org/10.1016/j.jhtm.2019.03.005
- Gursoy, D., Jurowski, C., & Uysal, M. (2002). Resident attitudes: A structural modeling approach. *Annals of Tourism Research*, 29(1), 79–105. https://doi.org/10.1016/S0160-7383(01)00028-7
- Gursoy, D., Zhang, C., & Chi, O. H. (2019). Determinants of locals' heritage resource protection and conservation responsibility behaviors. *International Journal of Contemporary Hospitality Management*, 31(6), 2339–2357. https://doi.org/10.1108/IJCHM-05-2018-0344
- Haddad, H., Harahsheh, S., & Boluk, K. (2019). The negative sociocultural impacts of tourism on Bedouin communities of Petra, Jordan. *e-Review of Tourism Research*, Vol. 16, pp. 489-510.
- Kanwal, S., Rasheed, M. I., Pitafi, A. H., Pitafi, A., & Ren, M. (2020). Road and transport infrastructure development and community support for tourism: The role of perceived benefits, and community satisfaction. *Tourism Management*, Vol. 77, p. 104014. Elsevier BV. https://doi.org/10.1016/j.tourman.2019.104014
- Khalid, S., Ahmad, M. S., Ramayah, T., Hwang, J., & Kim, I. (2019). Community empowerment and sustainable tourism development: The mediating role of community support for tourism. *Sustainability* (*Switzerland*), 11(22). https://doi.org/10.3390/su11226248
- Kolawole, I. O., Mbaiwa, J. E., Mmopelwa, G., & Kgathi, D. L. (2018). Local communities ' quality of life and support for tourism development: A structural equation analysis. 32(1).

- Latip, N. A., Rasoolimanesh, S. M., Jaafar, M., Marzuki, A., & Umar, M. U. (2018). Indigenous residents' perceptions towards tourism development: a case of Sabah, Malaysia. *Journal of Place Management and Development*, 11(4), 391–410. https://doi.org/10.1108/JPMD-09-2017-0086
- Lee, J. S., & Chiang, C. H. (2017). Exploring multidimensional quality attributes of incentive travels. *International Journal of Contemporary Hospitality Management*, 29(8), 2198–2214. https://doi.org/10.1108/IJCHM-03-2016-0150
- Lee, T. H. (2013). Influence analysis of community resident support for sustainable tourism development. *Tourism Management*, 34, 37–46. https://doi.org/10.1016/j.tourman.2012.03.007
- Lim, J., Lo, M. C., Mohamad, A. A., Chin, C. H., & Ramayah, T. (2017). The moderating impact of community support on tri-dimensional impacts of tourism (Economic, socio-cultural, & environmental) towards rural tourism competitive advantage. *International Journal of Business and Society*, 18(S4), 869–880.
- Lo, M. C., Chin, C. H., & Law, F. Y. (2019). Tourists' perspectives on hard and soft services toward rural tourism destination competitiveness: Community support as a moderator. *Tourism and Hospitality Research*, 19(2), 139–157. https://doi.org/10.1177/1467358417715677
- Marc Woons Ku Leuven, E. B. (2014). Restoring Indigenous Self-Determination Restoring Indigenous Self-Determination Theoretical and Practical Approaches. Retrieved from http://creativecommons.org/licenses/by-nc-sa/3.0/
- Meadow, J. (2003). Dancing creatures. Harrow Business Today, 3(3), 1116.
- Meadow, J. (1991, July 1). Fox pies. Paper presented at the meeting of Ohio Bakers, Ada, OH
- Meimand, SE., Khalifah, Z., Zavadskas, EK., Mardani, A., Najafipour, AA., & Ahmad, UNU. (2017). Residents' attitude toward tourism development: A sociocultural perspective. Sustainability, Vol. 9, pp. 1-29.
- Nadeem, R. W., & Tewes, E. (2006). Dance on: Fox trot. Washington, DC: Wright Press
- Nunkoo, R., & Gursoy, D. (2012). Residents' support for tourism. *Annals of Tourism Research*, Vol. 39, pp. 243–268. Elsevier BV. https://doi.org/10.1016/j.annals.2011.05.006



- Nunkoo, R., & Ramkissoon, H. (2010). Modeling community support for a proposed integrated resort project. *Journal of Sustainable Tourism*, Vol. 18, pp. 257–277. Informa UK Limited. https://doi.org/10.1080/09669580903290991
- Nunkoo, R., & So, K. K. F. (2016). Residents' Support for Tourism: Testing Alternative Structural Models. *Journal of Travel Research*, 55(7), 847–861. https://doi.org/10.1177/0047287515592972
- Olya, H. G. T., & Gavilyan, Y. (2017). Configurational Models to Predict Residents' Support for Tourism Development. *Journal of Travel Research*, 56(7), 893–912. https://doi.org/10.1177/0047287516667850
- Purbasari, LT., Ratnasari, RT. (2021). The conceptual models of e-service quality to increase commitment waqif. *JEBIS: Jurnal Ekonomi dan Bisnis Islam*, Vol. 7, pp. 289-307.
- Rashid, I. (2020). Resident attitudes towards support for future tourism: Utilising the Social Exchange Theory (SET). *Journal of Tourism, Hospitality & Culinary Arts*, Vol. 12, pp. 106-119.
- Rasoolimanesh, S M, Ringle, C. M., Jaafar, M., & ... (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism* Retrieved from https://www.sciencedirect.com/science/article/pii/S02615177163 02357
- Rasoolimanesh, S Mostafa, Ringle, C. M., Jaafar, M., & Ramayah, T. (2017). Urban vs. rural destinations: Residents' perceptions, community participation and support for tourism development. *Tourism Management*, Vol. 60, pp. 147–158. Elsevier BV. https://doi.org/10.1016/j.tourman.2016.11.019
- Saad, M., Abdullah, NN., & Rosman, SNH. Exploring host community perception of Panchor Town for Tourist destination based on social exchange theory. *Asian Journal of Behavioural Studies*, Vol. 5, pp. 1-10.
- Saimima, RMM., Zpalanzani, A., & Mutiaz, IR. (2018). Pemetaan industri pariwisata Maluku sebagai landasan perancangan strategi brand Baronda Maluku. *Barista: Jurnal Kajian Bahasa dan Pariwisata*, Vol. 5, pp. 145-157.
- Solemede, I., Tamaneha, T., Selfanay, R., Solemede, M., & Walunaman, K. (2020). Strategi pemulihan potensi pariwisata budaya di Provinsi Maluku (Suatu kajian analisis di masa transisi kenormalan baru). NOUMENA: Jurnal Ilmu Sosial Keagamaan, Vol. 1, pp. 69-86.

- Untong, A., Kaosa-ard, M., & Ramos, V. (2010). Factors Influencing Local Resident Support for Tourism Development: A Structural Equation Model. *APTA Conference* 2010, (July), 1–20.
- Wang, Y., Shen, H., Ye, S., & zhou, L. (2020). Being rational and emotional: An integrated model of residents' support of ethnic tourism development. *Journal of Hospitality and Tourism Management*, 44(May), 112–121. https://doi.org/10.1016/j.jhtm.2020.05.008
- Yu, C. P., Cole, S. T., & Chancellor, C. (2018). Resident support for tourism development in rural midwestern (USA) communities: Perceived tourism impacts and community quality of life perspective. Sustainability (Switzerland), 10(3). https://doi.org/10.3390/su10030802