

FACTORS INFLUENCING LOCAL COMMUNITY PARTICIPATION IN SUSTAINABLE ECOTOURISM DEVELOPMENT AT VAM SAT TOURIST SITE, CAN GIO COMMUNE

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Appendix 1. Research sample

	Item	Frequency	Percentage (%)
Gender	Male	87	58.00
	Female	63	42.00
Age	Under 20	22	14.67
	From 20 to 30	44	29.33
	From 31 to 40	38	25.33
	Over 40	46	30.67
Occupation	Agriculture/Fishery	19	12.67
	Small-scale Trading	54	36.00
	Wage Labor	25	16.67
	Government Officer/Public Servant	28	18.67
	Tour Guide	24	16.00
Education	Primary School	10	6.67
	Lower Secondary School	38	25.33
	Upper Secondary School	79	52.67
	College/University	23	15.33
Length of Residence in the Area	Under 5 years	19	12.67
	5 to 10 years	49	32.67
	Over 10 years	82	54.67
Total		150	100

Appendix 2. Scales

Variable	Code	Description	Source
The attitudes of the local community	AT1	I believe that sustainable ecotourism brings long-term benefits to Vam Sat.	Ajzen (1991); Dung and Ha (2019)
	AT2	I support the development of sustainable ecotourism in the Vam Sat Ecotourism Area.	
	AT3	I believe that sustainable ecotourism contributes to the conservation of natural resources.	
	AT4	I feel that participating in sustainable ecotourism is worthwhile.	
Institutional and policy-related barriers	IPR1	I find that current tourism development policies are not well aligned with practical local conditions.	Thu et al. (2019)
	IPR2	Infrastructure, including roads, electricity, water, and telecommunications, remains limited.	

Variable	Code	Description	Source
	IPR3	I find the legal regulations related to tourism to be complex and difficult to understand.	
	IPR4	I have never attended any training courses or received financial support to participate in sustainable ecotourism activities.	
	IPR5	I perceive ongoing conflicts between local residents and businesses regarding the sharing of benefits from tourism activities.	
Service capacity	SC1	I possess sufficient skills to serve ecotourism visitors.	Dung and Ha (2019)
	SC2	I feel confident communicating with tourists at Vam Sat.	
	SC3	I have been trained to participate in ecotourism activities.	
	SC4	I have knowledge about the plant and wildlife species in Vam Sat to share with visitors.	
	SC5	I have adequate skills to serve ecotourism guests.	
Local resources	LR1	The locality possesses abundant natural resources for the development of ecotourism.	Hoang (2020); Huynh et al. (2024)
	LR2	The natural landscape of the area is attractive to tourists.	
	LR3	The local ecosystem is diverse and well-suited for ecotourism.	
Perceived benefits	PB1	Sustainable ecotourism generates additional employment opportunities for local residents.	Thu et al. (2019); Adhikari et al. (2014); Coulibaly-Lingani et al. (2011)
	PB2	Local people have income-generating opportunities through sustainable ecotourism activities.	
	PB3	Sustainable ecotourism promotes local economic development.	
	PB4	The local community has become more environmentally conscious thanks to sustainable ecotourism.	
Social capital	SOC1	I trust in the community's cooperation in the development of sustainable ecotourism.	Huynh et al. (2024); Dung and Ha (2019)
	SOC2	The relationships among Vam Sat residents contribute to the development of sustainable ecotourism.	
	SOC3	I am willing to work with my neighbors to promote sustainable ecotourism development.	
	SOC4	Our community is united in protecting natural resources for sustainable ecotourism.	
Local community's decision to participate	LCD1	I am willing to participate in ecotourism activities in Vam Sat.	Huynh et al. (2024); Dung and Ha (2019)
	LCD2	I have contributed or intend to contribute my time and effort to the development of ecotourism.	
	LCD3	I would like to take part in sustainable ecotourism projects in Can Gio.	
	LCD4	I am willing to support activities related to sustainable ecotourism in my local area.	

Appendix 3. Results of Cronbach's Alpha Reliability Analysis

No.	Items	Item-Total Correlation	Cronbach's Alpha if Item Deleted	Cronbach's Alpha
The attitudes of the local community (AT)				
1	AT1	0.858	0.906	0.932
2	AT2	0.819	0.919	
3	AT3	0.847	0.910	
4	AT4	0.841	0.912	
Institutional and policy-related barriers (IPR)				
5	IPR1	0.909	0.944	0.958
6	IPR2	0.874	0.950	
7	IPR3	0.884	0.948	
8	IPR4	0.879	0.949	
9	IPR5	0.869	0.951	
Service capacity (SC)				
10	SC1	0.880	0.948	0.958
11	SC2	0.879	0.948	
12	SC3	0.885	0.947	
13	SC4	0.904	0.944	
14	SC5	0.860	0.951	
Local resources (LR)				
15	LR1	0.845	0.909	0.931
16	LR2	0.844	0.910	
17	LR3	0.884	0.878	
Perceived benefits (PB)				
18	PB1	0.819	0.908	0.927
19	PB2	0.772	0.923	
20	PB3	0.843	0.900	
21	PB4	0.885	0.886	
Social capital (SOC)				
22	SOC1	0.845	0.866	0.910
23	SOC2	0.798	0.883	
24	SOC3	0.758	0.897	
25	SOC4	0.785	0.888	
Local community's decision to participate (LCD)				
26	LCD1	0.752	0.822	0.870
27	LCD2	0.731	0.831	
28	LCD3	0.697	0.845	
29	LCD4	0.713	0.838	

Appendix 4 . Independent factor rotation result

Items	1	2	3	4	5	6
SC4	0.903					
SC2	0.901					
SC3	0.900					
SC1	0.885					
SC5	0.881					
IPR1		0.914				
IPR4		0.888				
IPR5		0.869				
IPR3		0.862				
IPR2		0.858				
AT3			0.883			
AT4			0.862			
AT1			0.862			
AT2			0.839			
PB4				0.880		
PB1				0.852		
PB3				0.845		
PB2				0.805		
SOC1					0.862	
SOC2					0.842	
SOC4					0.832	
SOC3					0.822	
LR3						0.900
LR2						0.894
LR1						0.885

Appendix 5. Pearson Correlation Analysis

	LCD	AT	IPR	SC	LR	PB	SOC
LCD	1						
AT	0.731**	1					
IPR	-0.548**	-0.336**	1				
SC	0.512**	0.377**	-0.129	1			
LR	0.515**	0.330**	-0.288**	0.315**	1		
PB	0.487**	0.305**	-0.480**	0.298**	0.324**	1	
SOC	0.601**	0.353**	-0.398**	0.309**	0.267**	0.354**	1

Note: **. Correlation is significant at the 0.01 level (2-tailed).

Appendix 6. Histogram of Regression Standardized Residuals

