

Green Finance, 7(1): 1–23. DOI: 10.3934/GF.2025001

Received: 07 June 2024 Revised: 23 October 2024 Accepted: 06 January 2025 Published: 13 January 2025

https://www.aimspress.com/journal/GF

Research article

Potential of establishing a tourism entrance fee for the conservation management of St. Martin's Island, Bangladesh

Seema Rani^{1,2,3}, Michael Bennett⁴, Md. Kawser Ahmed^{3,5}, Xiongzhi Xue¹, Keliang Chen², Mohammad Shamsul Alam⁶, Antaya March⁴ and Pierre Failler^{4,7,*}

- ¹ Coastal and Ocean Management Institute (COMI), Xiamen University, Xiamen, China
- ² Third Institute of Oceanography (TIO), Ministry of Natural Resources, Xiamen University, Xiamen, China
- ³ International Centre for Ocean Governance (ICOG), Faculty of Earth & Environmental Sciences, University of Dhaka, Dhaka-1000, Bangladesh
- ⁴ Centre for Blue Governance, University of Portsmouth, Portsmouth, P01 3DE, United Kingdom
- ⁵ Department of Oceanography, Faculty of Earth & Environmental Sciences, University of Dhaka, Dhaka-1000, Bangladesh
- ⁶ Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka-1000, Bangladesh
- ⁷ College of Management, Ocean University of China, Qingdao, China
- * Correspondence: Email: pierre.failler@port.ac.uk.

Supplementary

WTP Questionnaire

Date: ../.. /.... Time (interview starts): _____ Time interview ends: _____

- 1. First of all, I would like to get your views on Saint Martin's Island?
 - a. What do you think is the purpose of ECA
 - b. Do you think there may be any benefits?
 - c. Are there any reasons to do so?
 - d. Do you think they are suited for a place like Saint Martin's?

What are your views:

- a. Do you support the decision?
- b. What do you think are its benefits?

Variable	Description	Person	
Gender	0=Male		
	1=Female		
Nationality	0=Bangladeshi		
·	1=Foreigner		
Age	O=Under 20		
	1=20-29		
	2=30-39		
	3=40-49		
	4=50-60		
	5=over 60		
Education	0= Prim School-SSC		
	1= SSC-HSC		
	2= University		
	3 = Others		
Employment	0=Unemployed		
	1=Employed		
Household income	0= Under10000		
	1=10000-20000		
	2=20000-30000		
	3=30000-40000		
	4= 40000-50000		
	5= 50,000-100,000		
Visit to Island	0= once		
	1= twice		
	2= more then twice		
Environmental	0= concern		
concern	1= not concern		

If you could be certain that the funds obtained from the conservation fee would be used only to improve management or improvement of Saint Martine, what is the maximum amount you would be willing to pay per visit to island?

You indicated that you would be willing to pay up to as an entry fee. What is the main reason you would be willing to do so?			
You indicated that you would not be willing to pay an entrance fee. What is your main reason for this?			
DEMOGRAPHIC AND INDIVIDUAL QUESTIONS			
 In your opinion, do you think the world's coral reefs are generally deteriorating, holding steady or improving? a. Deteriorating b. Holding steady c. Improving d. Don't know 			
2. What, if any, do you think are some major threats to coral reefs? (Print exact answer. Probe fully)			
3. Do you belong to any environmental or conservation organizations? a. Yes b. No			
 4. Are you involved in any conservation projects? a. Yes □ b. No □ 			
5. Apart from membership fees, do you make donations to any environmental/conservation groups or activities?a. Yesb. No			
6. What is your nationality?			
7. What is your current country of residence?			
8. Gender a. Male			

Green Finance Volume 7, Issue 1, 1–23.

b. Female

a. Under 20	
b. 20 to 29	
c. 30 to 39	
d. 40 to 49	
e. 50 to 59	
f. 60 to 69	
g. 70 or over	
9. What is the highest level of education you have obtained?	
a. Some high school or less	
b. High school diploma	
c. Trade certificate	
d. Some university or college	
e. University or college degree, diploma or certificate	
f. Postgraduate degree	
g. Other (SPECIFY)	
10. From the following, what best describes your current work status?	
a. Employed full time/part time	
b. Unemployed	
c. Retired	
d. Full time student	
e. Home Duties	
f. Other (SPECIFY)	
44 377	
11. What is your current occupation?	
© 2025 the Author(a) lineages AIMC Du	This is an amount and
© 2025 the Author(s), licensee AIMS Press article distributed under the terms of	•

3. From this card, please tell me into which age range you fall?

ess ons Attribution License (https://creativecommons.org/licenses/by/4.0)