

**DETERMINATION OF THE CARRYING CAPACITY ESTIMATES OF
ECOTOURISM ATTRACTION OF MT. 387**

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BIOGRAPHICAL SKETCH

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The researchers would like to express their deepest gratitude to the panelists, Dr. Celyrah Castillo, Ms. Kristelle Lamson, and Mr. Remar Jay Neypes who are the key

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TABLE OF CONTENTS

TITLE	Page
APPROVAL SHEET	ii
LIST OF FIGURES	iv
LIST OF TABLES	x
LIST OF APPENDICES	xii
ABSTRACT	xiii
INTRODUCTION	1
Background of the Study	2
Statement of the Problem	3
Objectives of the Study	4
Significance of the Study	4
Scope and Limitation of the Study	5
Conceptual Framework	7
Operational Definition of Terms	8
REVIEW OF RELATED LITERATURE	9
Carrying Capacity Estimation	10
Importance of Visitor Management Plan in the Ecotourism Industry	11
Challenges in the Visitor Management Plan of Nature-based Tourism	15
METHODOLOGY	17
Research Method	17
Research Design	17
Research Instrument	18
Data Analysis	18
Ethical Consideration	20
RESULTS AND DISCUSSIONS	22
Table 1. Total Number of Visitors per month (2023 only)	22
Table 2. Trail Length and Number of Hours per Area Visited by Tourists (from jump-off points to the different locations)	24
Table 3. Summary of Carrying Capacity Estimates for each Attraction	25
SUMMARY, CONCLUSION, AND RECOMMENDATION	30
Summary	30
Conclusion	30
Recommendation	31
LITERATURE CITED	32
APPENDICES	36

LIST OF FIGURES

Figure		Page
1	Conceptual Framework of the Study	7
2	Campsite/ Lover's Tree	41
3	Aloha Falls	41
4	Chocolate Hills of the North	42
5	Log Book of Visitors in Mt. 387	43
6	Researchers together with KaPuncan founder Assistant	43

LIST OF TABLES

TABLE		PAGE
1	Total Numbers of Visitors Per Month (2023 only)	22
2	Trail Length and Number of Hours Per Area Visited by Tourist (from jump-off point to different attractions)	24
3	Summary of Carrying Capacity Estimates for Each Attraction	25

LIST OF APPENDICES

Appendix		Page
A	Computation of the Carrying Capacity Estimates	37
B	Attractions in Nueva Ecija	41
C	<i>Documentation</i>	43
D	Approved ERC Letter	44
E	Certificate of English Critic	45

ABSTRACT

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“DETERMINATION OF THE CARRYING CAPACITY ESTIMATES OF ECOTOURISM ATTRACTION OF MT. 387”

Adviser: CELESTE D. DELA CRUZ, MSCA

This study aimed to determine the carrying capacity of Mt. 387, in Punca, Carranglan, and Nueva Ecija, specifically the different areas of attraction like the summit where captivating hills can be viewed, Aloha Falls where the water is very cold, the Lover’s Tree and the fascinating View Decks. A quantitative method was employed using secondary data. The descriptive design of the research was also used to describe the average number of visitors per day and month. Carrying capacity estimates were computed using Boullon’s carrying capacity equations. The result showed that the daily average visitors of Mt. 387 is 13. The basic carrying capacity of the summit can accommodate 2000 visitors, Aloha Falls have also 2000 visitors, 67 visitors for the Camp Site/Lover’s Tree, and 200 visitors for the View Deck. For the potential carrying capacity of Mt. 387, The Summit has 1846 groups, 769 groups for the Aloha Falls, 82 groups for the Campsite/ Lover’s Tree, and 123 groups for the View Decks. Despite the indication that carrying capacity estimates of the areas of attraction are not consistently being reached throughout the year in Mt. 387, the implementation and management of these carrying capacity estimates can be a base value for the existing ecotourism attractions in Mt. 387. The balance between the protection of natural and cultural resources, quality of

visitation experience, and economic sustainability can be established and achieved through comprehensive carrying capacity management.

Keywords: *protected area, tourism management, visitor management*

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