Copyright is owned by the Author of the thesis. Permission is given for a copy to be downloaded by an individual for the purpose of research and private study only. The thesis may not be reproduced elsewhere without the permission of the Author.

Evaluation of the Potential of Ecotourism to Contribute to Local Sustainable Development:

A Case Study of Tengtou Village, China

A thesis presented in partial fulfillment of the requirements for the degree of Master of Philosophy in Development Studies at Massey University, New Zealand

Jingjing Jiang

2008

ABSTRACT

In the last few decades, "ecotourism" has emerged as a much talked about topic that is frequently linked to the term "sustainable development". Despite the fact that the definition of ecotourism has been expanded from primarily pristine nature-based areas to modified areas, relatively few studies have been devoted to evaluating the relationship between "ecotourism" and "sustainable development" in those destinations. To address this research need, this thesis attempts to analyse the potential of ecotourism as a strategy for sustainable development, where it does not depend only on nature-based opportunities. Relevant literature on the topics of ecotourism and sustainable development was examined to develop a framework to assess ecotourism in a case study area.

The case study employed was Tengtou village, China, which is one of the earliest national eco-villages. Tengtou hosted 76,200 tourists in 2006. Data was collected using qualitative methods, which included semi-structured interviews, informal discussions, focus groups, participant observation and questionnaire surveys. The research revealed that ecotourism has brought a variety of favourable impacts, and the local people hold optimistic attitudes about ecotourism, which indicate the feasibility of the ecotourism industry and the comparative success it has achieved. On the other hand, the research also found several potentially adverse effects, which suggest that ecotourism does not yet make a full contribution to local sustainable development.

This thesis concludes that effective regulation and sound planning play a significant role in enabling the sustainability of ecotourism. Meanwhile, the importance of local people's active involvement at different levels of ecotourism development in ensuring ecotourism's success, in the long term, was also revealed. This issue of local participation, strongly pushed in the international ecotourism literature, is not something which has characterised most ecotourism initiatives in China to date. Further, considering the increasing number of tourists, the management of tourists and the expansion of physical infrastructure need to be strengthened in the research area.

This thesis is dedicated to

my beloved grandmother Xiubao Ge,

and to my loving parents, Guozhen Jiang and Sanyi Zhang

ACKNOWLEDGEMENTS

The research and writing of this thesis has been a frustrating experience, but also exciting and a rewarding period. During this year's study, I have not only gained a deeper understanding of academic knowledge, but also have obtained valuable social experience. There have been a number of people who have helped me with this thesis in one way or another. First and foremost, I would like to thank all the participants in Tengtou village for taking the time to talk to me and in responding to my questions, especially the leader of the village, Fu Qiping, who allowed me to conduct research in this village, and introduced me to the villagers.

I wish to express my warmest thanks to my hostess, Xuefeng Chen, and her husband, who treated me as a member of their family, and enthusiastically assisted me in conducting interviews with their neighbours and friends. My thanks also to Yangde Lin, Huachun Wang, Shifa Fu, and many other local residents, for sharing their personal experiences and knowledge with me, to Jianping Lan, Chris, and other tourists, for helping me with data gathering process.

I am filled with sincere thanks to the ex-manager of the Tengtou Travel Company and his assistant, who provided me with crucially valuable information relating to my study. I also feel incredibly thankful to Aunty Aizhen Jiang and her husband, Huanian He, who put me in contact with their friends in Tengtou village.

At the New Zealand end, I would like to express my gratitude to my chief supervisor, Dr Regina Scheyvens, for providing me with academic guidance and constructive comments. Thank also to my second supervisor, Dr Keith Ridler, for his enthusiasm and valuable input. Their encouragement and constant faith in my work built my self-confidence and developed my skills. Special thanks to my dear friend, San san, and the staff of Massey Student Learning Centre: Natilene, John, and Robin, for their encouragement, and constant support in assisting me with difficult grammar questions. Thanks also to my friends, Yan Chen and Yuan Qu, who became so close to me in the last three months of this study.

Finally, I would like to express my deepest love and gratitude to my dear parents for providing ongoing financial and emotional support for my study, as well as for putting up with all the weird hours and angst involved in writing this thesis. Thanks to them for giving me selfless and unquestionable love and understanding, as well as making pertinent suggestions concerning my studies. Without them, this study would not have been possible. There is no way to thank them adequately for what they have offered to me.

TABLE OF CONTENTS

ABSTRACT	ii
ACKNOWLEDGEMENTS	iv
TABLE OF CONTENTS	v
LIST OF TABLES AND FIGURES	viii
1. CHAPTER ONE: INTRODUCTION	1
1.1. Background to the study	2
1.2. Study objectives and key questions	5
1.3. Organisation of the thesis	6
2. CHAPTER TWO: ECOTOURISM AND SUSTAINABLE DEVELOPMENT	10
2.1. Introduction	10
2.2 The evolution of tourism theory in relation to development theory	12
2.2.1 Modernisation theory and the advocacy platform	12
2.2.2 Dependency theory and the cautionary platform	12
2.2.3 Alternative theory and the adaptancy platform	13
2.2.4 People-led theory and the knowledge-based platform	14
2.3 Theoretical discussion around sustainable development	15
2.3.1 Sustainable development: A contradictory term?	15
2.3.2 The strength of sustainable development	17
2.3.3 Possible strategies for sustainable development	19
2.4 An overview of ecotourism	21
2.4.1 The nature of ecotourism: definitions, characteristics	21
2.4.2 Potential benefits of ecotourism	24
2.4.3 Critique of ecotourism: Operational problems	26
2.5 Can ecotourism contribute to sustainable development	30
2.6 Summary	35
3. CHAPTER THREE: TOURISM AND ECOTOURISM DEVELOPMENT IN CHINA	37
3.1 Introduction	37
3.2 Overview of government-led development in China	37
3.2.1 The purpose of development in China	38
3.2.2 The process of China's recent development and emergence of sustainable develop	ment. 40
3.2.3 Problems with market-oriented reforms	42
3.3 Overview of tourism development in China	44
3.3.1 Tourism before 1978	44
3.3.2 Growth of domestic and international tourism in China since 1978	46
3.3.3 Problems of tourism development in China	50
3.4 Ecotourism development in China	52

3.4.1 The nature of ecotourism in China	52
3.4.2 Rural ecotourism	
3.4.3 The potential roles of ecotourism in China	56
3.4.4 Problems in developing ecotourism in China	59
3.5 Research context	63
4. CHAPTER FOUR: METHODOLOGY	65
4.1 Introduction	65
4.1.1 Personal motivation in conducting this research	65
4.1.2 Fieldwork preparation	66
4.1.3 Ethical considerations	68
4.1.4 Access to the field	69
4.2 Data collection process	70
4.2.1 Qualitative methodology and methods	70
4.2.2 Data collection	71
4.3 Analysis of data	77
4.4 Reflections on methodology	79
4.4.1 Some difficulties with aspects of the data collection process	80
4.4.2 Limitations of research	84
4.5 Summary	84
5. CHAPTER FIVE: TENGTOU VILLAGE AND ITS ECOTOURISM DEVELOPMENT.	86
5.1 Site of research: General description of case study area and its people	87
5.1.1 Introduction of Tengtou village	87
5.1.2 Development of three industries in Tengtou village	92
5.2 Ecotourism development in Tengtou village	
5.2.1 The emergence of ecotourism in Tengtou village	94
5.2.2 Management issues of ecotourism in Tengtou village	97
5.2.3 Tengtou village's ecotourism development and its characteristics	99
5.2.4 Ecotourism activities in Tengtou	101
5.2.5 Profiling the tourists in Tengtou village	102
5.3 Local people's perceptions and impressions of tourists and ecotourism	106
5.3.1 Local people's understanding of ecotourism	106
5.3.2 Local people's involvement in ecotourism activities	107
5.3.3 Local people's impressions and attitudes towards ecotourism	110
5.4 Conclusion	111
6. CHAPTER SIX: ECOTOURISM AND SUSTAINABLE DEVELOPMENT IN TE	NGTOU
VILLAGE	
6.1 Interpretations of "ecotourism" in Tengtou village	
6.2 Does ecotourism contribute to local sustainable development?	
6.2.1 Economic sustainability of ecotourism in Tengtou village	
6.2.2 Environmental sustainability of ecotourism in Tengtou village	
6.2.3 Social-cultural sustainability of ecotourism	

6.3 Factors in the comparative success of Tengtou.	134
6.3.1 Characteristics of ecotourism in Tengtou village	135
6.3.2 Attributes of local officials	138
6.3.3 Attitudes and endeavours of local people	139
6.4 Limitations of sustainable ecotourism development in Tengtou village	141
6.5 Summary	143
7. CHAPTER SEVEN: CONCLUSION	146
7.1 Summary of the research findings	146
7.2 Recommendations	151
REFERENCES:	154
APPENDICES	171

LIST OF TABLES AND FIGURES

List of Tables:

Table 2-1: Three systems of sustainability in ecotourism development	32
Table 3-1: International tourists in China (1978-2006)	46
Table 3-2: Total number of domestic tourists from 1994 – 2006.	49
Table 4-1: Interviews conducted in May/June, 2007	73
Table 5-1: Statistics about the number of tourists and economic earnings from 1999 to 2006.	96
Table 6-1: Impacts of ecotourism identified by local participants	119
List of Figures	
Figure 1-1: Outline of the thesis.	7
Figure 4-1: The qualitative data analysis procedure.	78
Figure 5-1: Map of the location of Tengtou village within China	88
Figure 5-2: Map of the location of Tengtou village within Zhejiang Province	89
Figure 5-3: An institutional diagram of departments involved in ecotourism project	98
Figure 5-4: The proportions of tourists from different regions	103
Photo Pages	
Photo page 1: Tengtou village and touist attractions within the ecotourism zone	113
Photo page 2: Images of agricultural related tourist attractions within Tengtou village	114