

TABLE OF CONTENTS

AUTHOR’S DECLARATION.....	1
ACKNOWLEDGMENTS	2
ABSTRACT.....	3
TABLE OF CONTENTS.....	1
LIST OF TABLES	6
LIST OF FIGURES	6
CHAPTER 1. INTRODUCTION	7
1.1. Problem statement	7
1.2. Research questions.....	8
1.3. Specific Objectives	9
1.4. Scope and limitations	9
1.4.1. Scope.....	9
1.4.2. Limitations	9
1.5. Conceptual framework	9
1.6. Thesis structure	11
CHAPTER 2. LITERATURE REVIEW	12
2.1. Seed system: definitions, and approaches in literature reviews	12
2.2. Supply Chain Management: definitions, approaches, and trends in agriculture product	16
2.3. Understanding Challenges and Opportunities toward Sustainable Rice Seed Supply chain: Research Gaps	19
2.4. Overview of Mekong Delta rice farming productivity and rural livelihoods	23
CHAPTER 3. METHODOLOGY	25
3.1. Research design	25
3.2. Data collection	26

3.2.1. Secondary data	26
3.2.2. Primary data	26
3.3. Data analysis	28
3.3.1 Qualitative research.....	28
3.3.2 Thematic analysis	29
3.3.3. Validity and reliability	30
CHAPTER 4. RESULTS AND DISCUSSION.....	31
4.1. Mapping the Mekong Delta's seed supply system.....	31
4.1.1 Seed distribution and marketing channels.....	32
4.1.2. Formal seed system	33
4.1.3. Farmer's seed system	37
4.1.4. Influence of seed system actors.....	38
4.2. Seed supply status and the contributions of seed clubs and farmer participation: A case study from An Giang province	39
4.2.1 Brief discussion of the case study area	39
4.2.2. Impacts on seed production volume and the involvement of farmer-led institution	40
4.2.3. Impacts on varietal development and contribution to crop diversity for sustainable adaptation	44
4.3. Challenges and opportunities facing the rice seed system in Vietnam. 45	
4.3.1. Challenges facing the seed supply chain.....	45
4.3.2. Opportunities related to the sustainable seed supply chain from exiting capacities	50
4.4. Policy implications for building sustainable seed supply chain in the Mekong Delta.....	55
4.4.1. Need for a comprehensive system for all actors in the seed supply system	55
4.4.2. Groundwork for the genuine development of the farmers' seed system ..	57



4.4.3. Adopt a sui generis plant variety protection law.....	57
CHAPTER 5. CONCLUSION	59
REFERENCES.....	61
APPENDIX	69