

## LIST OF ILLUSTRATIONS

Figure	Page
2.1. Three-channel flow model .....	22
2.2. Four-channel flow model.....	23
2.3. Eight-channel flow model.....	25
3.1. Proposed flow model in the context of a virtual tour Web site for nature tourism interpretation.....	29
4.1. Flow chart of the research process.....	36
4.2. Geographical location of the Great Texas Coastal Birding Trail .....	37
4.3. First page of the online survey Web site for this research.....	44
4.4. Structure of the online survey system.....	46
4.5. Structural equation model for the proposed flow model .....	51
4.6. Full structural equation model (modified from Byrne 1998).....	52
5.1. The index page of the Birding Trail site.....	64
5.2. The main page of the TPWD's Web site. ....	65
6.1. Distribution of responses for gender.....	70
6.2. Respondents' age distribution.....	71
6.3. Distribution of responses for education. ....	72
6.4. Respondents' geographical distribution.....	74
6.5. Weighted mean of responses to the survey items in Likert scale .....	76

7.1.	Original flow model specified as structural equation model to be estimated .....	84
7.2.	Initial measurement model for confirmative factor analysis. ....	96
7.3.	Structural model part of the flow model .....	97
7.4.	Revised measurement model A for confirmative factor analysis. ....	107
7.5.	The initial flow model with modifications on the measurement variables. ....	113
7.6.	Revised structural model A.....	127
7.7.	Revised structural model B.....	135
7.8.	Revised structural model C.....	141
7.9.	Revised measurement model B for confirmative factor analysis .....	145
7.10.	Revised measurement model C for confirmative factor analysis. ....	148
7.11.	Revised structural model D.....	153
7.12.	Revised structural model D with estimations of parameters. ....	158
8.1.	Measurements of flow construct.....	166
8.2.	Factors that affect flow experience. ....	178
8.3.	Factors that affect learning about a place. ....	179
8.4.	Factors that affect changes of attitude and behavior.....	180