

# Contents

Introduction	iii
Contents	v
Acknowledgments	ix
<b>Part 1: Historical and Philosophical Foundations of Outdoor Environmental Education</b>	<b>1</b>
Agricultural Revolution	2
Educational Revolution	5
Nature Study Movement	10
Camping Movement	18
Early Beginnings	18
<b>The Development of Organized Camps</b>	<b>20</b>
Causes of Renewed Interest in Living Outdoors	20
The Effect of Urbanization	21
Education through Camping: Providing Children with Wider Experiences	27
Escape from the Traditional Curriculum	27
The Need for a Realistic Approach to Education	28
Origin of the Various Types of Organized Camps	29
Sponsorship of the Various Types of Camps	31
Private Camps	31
Agency Camps	32



Church Camps	35
Institutional Camps	36
Influence of Life Camps on Public School Camping	39
First Experiment in Public School Camping	45
New York City Experiment in Outdoor Education	52
School Camping and Outdoor Education Post-War Development	62
The Shift in Terminology and Focus on Environmental Education	78
Experiential Education	83
The Environmental Education Act	91
<b>Summary</b>	<b>93</b>
The Evolution of the Outdoor Environmental Education Chart	96
<b>Part 2: Organizing for Outdoor Environmental Education</b>	<b>97</b>
Origins of Outdoor Education Curriculum Design	97
Dr. Lloyd B. Sharp: A Curriculum-Centered Approach	97
Dr. Julian W. Smith: An Activity-Centered Approach	102
Dr. William B. Stapp: An Environmental Encounter Approach	104
Definitions Related to Outdoor Environmental Education	110
Beyond the Classroom Walls	117
Getting Started	117
Master Plan Development	118
Uses of the Master Plan	119
Steps in Developing an Environmental Master Plan	119
Establishment of Guiding Principles	121
Development of the Outdoor Environmental Education Program	122
The Significance of Outdoor Environmental Education	126
Preparation for an Outdoor Environmental Education Program	131
Guiding Principles for Planning an Outdoor Environmental Education Program	131
Steps to Implement a Program of Outdoor Environmental Education	132
Administrative Guidelines for Outdoor Environmental Education	133
The Curriculum Factor	134
The Resource Factor	137
The Financial Factor	138



Who Should Be Involved?	139
What More Is Needed?	141
Objectives of Residential Outdoor Environmental Education Programs	142
Program Planning	144
Criteria for the Selection of Activities for the Outdoor Environmental Education Program	144
Guiding Principles for Planning Outdoor Environmental Education Activities	145
Approaches to Outdoor Environmental Education	147
Curriculum Correlation Approach	147
Textbook Correlation Approach	148
Basic Themes and Understandings Approach	148
Modular Approach	148
Methods of Teaching Outdoor Environmental Education	149
Association Method or Analogy Method	149
Teleological Method	149
Clue Chart Method	149
Socratic Method	149
Discovery Method	150
Suggested Objectives of Outdoor Environmental Education	150
<b>Summary</b>	<b>152</b>
<b>References for Parts 1 &amp; 2</b>	<b>153</b>
Index	161
About the Author	169