CONTENTS

Preface

1. The Nature of Landscapes in Human Geography: Purposes Underlying the Organization of Terrestrial Space
   The Argument 1
   Types of Military Landscapes 3
   Sacerdotal Landscapes 8
   Juridical Landscapes 11
   Contrasting Effects on Landscapes of Administrative Control over Land and People 14
   The Role of a Hierarchy of Markets in the Organization of Economic Landscapes 18

2. The Early Organization of Space in Countries now Considered "Developed"
   The Thesis 28
   England in the Sixteenth Century 30
   The Rise of the Belgian Towns 40
   The Japanese Rural Transformation 47
   The Rationalization of American Midwestern Landscapes 58

3. Market Systems and Spatial Design
   Limitations of Village-Structured Economies 72
   Types of Rural Landscape Design: Dendritic Market Systems 83
   Types of Rural Landscape Design: Intermeshed Market Systems 92
   Types of Rural Landscape Design: Contrived Market Systems 101
   Market Systems as Incentives for Output and Productivity 114
CONTENTS

4. Central-Place Theory and Regional Organization of Space
   The Beginnings of Locational Theory: Von Thünen's Concept of Functional Concentricity 117
   Christaller's Symbiotic System of Central Places 123
   The Economic Landscapes of August Lösch 131
   The Utility of Classical Central-Place Theory as a Guide to Developmental Policy 136
   Central-Place Analysis from Rural Points of View: The Social Topography of Galpin, Sanderson, and Kolb 138
   Recent Trends in Central-Place Studies 149

5. Great Cities and the Macroeconomic Consequences of Dual Economies
   Political and Economic Polarizing Forces 152
   Some Social and Economic Consequences of Polarized Urbanization 157
   Spatial Aspects of Economic Dualism 162
   Alternatives to Polarized Dualism 167
   Central-Place Inadequacy in Underdeveloped Countries 171

6. The Critical Role of Market Towns in Modernizing the Landscapes of Underdeveloped Countries
   Basic Aspects of Agrarian Economies 178
   The Inseparability of Agrarian and Industrial Development in Progressive Economies 183
   Incentives for Farmers: Their Essential Nature and How They Can Be Changed and Strengthened 185
   Spatial Aspects of the Farmer Incentive Problem Illustrated in an Indian Sample Area 191
   Structural Choices in Rural Reconstruction 198

7. Spatial Reconstruction: Some Policy Aspects
   The Need for Planning and Prescriptive Intervention 208
   Creating an Investment Climate in Rural Areas 212
   Choosing Promising Growth Points 217
   Coagulating Investments into Punctiform Clusters 223
   Markets and Submarkets as Town-Building Agencies 228
   Planning Subregional Polarization by Proper Transport Design 235

8. Functional Economic Areas as Spatial Entities
   Contrasts between Developed and Less-Developed Countries 242
   Advantages and Disadvantages of Industrial Dispersion 248

xii
CONTENTS

Large Enterprises as Urban Nuclei 256
The Politics and Economics of Energy Distribution 264
Change-Inducing and Development-Directing Institutions 274

9. Spatial Experiments: Areas of Progress 281
   The Yugoslav Communes as Functional Economic Entities 281
   The Israeli Social Policy Underlying Spatial Design 296
   The Puerto Rican Program of Areal Transformation 310

10. Spatial Experiments: Tentative and Partial 326
    Efforts at Spatial Reform in Mainland China 326
    Contrasts in Spatial Planning among the Indian States 335
    Two African Efforts at Spatial Innovation: Djoliba and the Volta River Resettlement 342
    The International Labour Office Pilot Project in Nigeria: An Exploration of Some Spatial Aspects of Rural Employment Promotion 350
    The Swedish Program of Spatial Reform and of Locational Aid to Disadvantaged Areas 362

11. Some Guidelines for Spatial Policy 372
    Rejecting Myths and Obsolete Doctrines 372
    Finding the Spatial Architects 382
    Mobilizing the Needed Capital 387
    Surveying the Elements of Spatial Problems 393
    Releasing Creativity 399
    Directing Creative Talents to Spatial Problems 413

Appendix. Location Questionnaire Used by Puerto Rico Industrial Development Company 421

Works Cited 425

Index 443