

South Korea

PATRICIA M. BARTZ

Contents

List of Maps xi

List of Plates xiii

List of Tables and Figures xv

PART I GENERAL GEOGRAPHY

1. Physical Dimensions and Economic Horizons

South Korea: A Modern Frontier	1
Korea: North and South	2
The Korean War and the Current Armistice	3
The D.M.Z.	4
The Peace (Rhee) Line and the Joint Fishing Zone	5
The Sea of Japan and the Eastern Coastline	5
The Yellow Sea and the Western Coastline	5
The South Coast: A Maze of Islands	6
Expanding the Frontiers of Trade	7

2. Geology and Topography

An Ancient Landmass with Youthful Topography	8
Geologic History	9
Topography	13
Mountain Ranges	13
Rivers and River Basins	17
Seasonal Flow of Rivers and Problems of Water Supply	19
Lowlands and Mountains	20
Natural Vegetation	20
Soils	23
Physiographic Regions	23

3. Climate and Weather

Climatic Elements (<i>Temperature, Precipitation, Typhoons, The Jet Stream, Ocean Currents</i>)	25
The Four Seasons (<i>Winter, Spring, Summer, Autumn</i>)	30
Climatic Regions	37

4. Historical Background and Administrative Framework

- A Homogeneous and Unique Culture 39
- Historical Resume (*The Tribal Leagues, The Three Kingdoms, Silla Dynasty, Koryo Dynasty, Yi Dynasty, The Japanese Occupation, The Post-Liberation Period*) 43
- The Administrative Framework (*National Government, The Special Cities and the Provinces, Administrative Subdivisions within the Provinces, Differentiating Rural from Urban, Trends in Population Growth*) 48

5. Agriculture, Forestry, and Fishing

- Agriculture and Industry (*The 'Food Gap' and the 'Rural-Urban Gap', Rural Handicrafts, Size of Farms and Rural Population Density, Farm Ownership, Semi-Subsistence rather than Subsistence Farming, Paddy Rearrangement, The Beginnings of Mechanization, Paddy Land, Upland and Double-Cropping, Rice Production and Price, Barley, Wheat, and Other Grains, Potatoes and Beans, Fruits and Vegetables, Silk, Tobacco, and Ginseng, Livestock*) 59
- Forestry 78
- Fish and Marine Products
- Slow Changes in an Age-Old Pattern 79

6. Mining and Manufacturing

- Mining is a Secondary Industry in Korea 81
- Recent Growth of Manufacturing 83
- Coal, Oil, and the Energy Industry 84
- Iron, Steel, and Machinery 87
- Cars, Shipbuilding, and Electrical Appliances 88
- Gold, Silver, and Other Metals 89
- Limestone and Cement 90
- Clay, Talc, and the Ceramics Industry 90
- Fertilizers and Chemicals 90
- Textiles, Knitted Goods, and Apparel 92
- Rubber, Paper, and Plywood 93
- Food and Beverages 93
- Regional Imbalance and Other Problems in Manufacturing Industry 94

7. Trade and Transport

- Exports: The Engine of Growth 97
- The Diversification of Exports 98
- Imports and Foreign Indebtedness 101
- External Trade and Shipping 101
- Internal Freight and Railroads 104
- Roads and Motor Transport 109
- Proposed Highways 110
- Air Transport 111
- Transport and Communications: A Key to the Future 111

8. The Special Cities: Seoul and Pusan

Administrative Subdivisions and Geographic Regions 115

Seoul (*Population and Growth, Area and Population Density, History in Seoul's Present Geography, Urban Growth Toward and Across the Han, Seoul: the 'Phoenix City', Housing and Land Values, Transport and Traffic, Commerce and Industry*) 115

Pusan (*South Korea's Second City, Historical and Geographical Setting, Land Use and Population Growth, Manufacturing Industries and Exports, Pusan as a Port, Pusan's Expanding Hinterland*) 126

9. The North: Kyonggi and Kangwon Provinces

Contrast and Complement 133

Kyonggi-Do (*Freedom Bridge and the D.M.Z., The Kyonggi Lowlands, Kanghwa and the Coast, Stownet Fishing for Chogi, Winter-bare Paddies and Vinyl Greenhouses, Eggs, Meat and Milk for Seoul, Manufacturing and Cities, Inchon, Suwon, Kyonggi and the Capital Zone*) 134

Kangwon-Do (*Kangwon No Longer Remote, The Militarized Mountainous North, The Mountainous Interior, Mining, Railroads and Roads, The East Coast, Fishing: Squid and Pollack, East Coast Cities, The Chunchon-Wonju Foothills*) 141

10. Chungchong Namdo and Chungchong Pukto

A Geographic 'Middle' 151

Chungchong Namdo (*The Charyong Hills, the Kum and Keryongsan, Rice, Hemp, and Other Crops, Taejon, Chonan and the Changhang Refinery*) 152

Chungchong Pukto (*The Charyong and Sobaek Mountains, Beans, Tobacco, and Red Peppers, Mining in Chungpuk, Chongju and Chungju, The Chechon-Chungju-Chongju Transport Axis*) 155

11. The South-East: Kyongsang Pukto and Kyongsang Namdo

A Geographic and Historic Entity 160

Kyongsang Pukto (*The Sobaek and Taebaek Mountains, The Naktong River Basin, Crop Rotations: Winter Barley, Wheat, and Soybeans, Tobacco, Silk, and Apples, Taegu, Kyongju, Pohang, Andong, and Kimchon*) 162

Kyongsang Namdo (*Kyongsang Namdo and Kyonggi Compared, The South Coast East of Chirisan, Primary Industries, Kyongnam's Six Cities*) 172

12. The South-West: The Chollas and Cheju-Do

The Chollas' Lowly Reputation Masks their Diversity 181

Cholla Pukto (*The Honam Plain and the Mountainous East, The Nation's Rice Basket, Chonju, Iri, and Kunsari*) 181

Cholla Namdo (*Chirisan to the Tadohae, Rice, Naked Barley, and Chindo Dogs, Fishing, Kwangju, Mokpo, Yosu, and Suncheon*) 185

Cheju-Do (*Province and Island, Volcanoes and Coral, Anthropological Interest, Dry-Cropping, Oranges and Horses, Fishing and Harbours, Cheju, An Exotic Outpost*) 193

Glossary of Korean Terms 198

Indexes: Place names and proper names 199; Topics 202