The editorial team at Pearson has worked closely with educators around the globe to inform students of the ever-changing world in a broad variety of disciplines. Pearson Education offers this product to the international market, which may or may not include alterations from the United States version.

International Edition

This is a special edition of an established title widely used by colleges and universities throughout the world. Pearson published this exclusive edition for the benefit of students outside the United States and Canada. If you purchased this book within the United States or Canada you should be aware that it has been imported without the approval of the Publisher or the Author.

Pearson International Edition

ISBN-13: 978-0-321-74044-1 ISBN-10: 0-321-74044-0 9 0 0 0

PEARSON

CONTENTS

Preface to the Sixth Edition ix		
	gments xi	
	ng and Learning Package xii	
	Videos Online xiii	
	Authors xv	
Dedication	xvii — Sassassassassassassassassassassassassass	
Chapter 1	Economic Geography: An Introduction 1	The Emergence and Nature of Capitalism 25
vigo vez lo	Geographic Perspectives 1	Markets 26
	Five Analytical Themes for Approaching	Class Relations 28
	Economic Geography 2	Finance 29
	Modes of Theorizing in Economic	Territorial and Geographic Changes 29
	Geography 4	Long-Distance Trade 31
	LocationTheory 4	New Ideologies 31
	Political Economy 5	The Nation-State 33
	Poststructuralist Economic Geography 6	The Industrial Revolution 35
	Capitalism 6	Inanimate Energy 35
	Economic Geography of the World	Technological Innovation 36
	Economy 9	Productivity Increases 37
	Globalization 12 Globalization of Culture and	The Geography of the Industrial Revolution 38
	Consumption 13	Cycles of Industrialization 40
	Telecommunications 13	Consequences of the Industrial
	Globalization of the Economy 13	Revolution 41
	Transnational Corporations 13	CREATION OF AN INDUSTRIAL WORKING
	Globalization of Investment 14	Class 41 Urbanization 42
	Locational Specialization 14	POPULATION EFFECTS 42
	Globalization of Services 15	GROWTH OF GLOBAL MARKETS AND
	Globalization of Tourism 15	INTERNATIONAL TRADE 43 CASE STUDY: Railroads and Geography 44
	Information Technology and Globalization 15	Colonialism: Capitalism on a World Scale 45
	Globalization versus Local Diversity 16	The Unevenness of Colonialism 45
	Problems in World Development 16	How Did the West Do It? 46
	Environmental Constraints 16	A Historiography of Conquest 47
	Disparities in Wealth and	LATIN AMERICA 47
	Well-Being 17	North America 48
	Summary and Plan 18	Africa 48 The Arab World 49
	• KeyTerms 19	South Asia 50
	Study Questions 19Suggested Readings 19	EAST ASIA 50
	Web Resources 19	SOUTHEAST ASIA 53
		OCEANIA 54
Chapter 2	The Historical Development of Capitalism 20	The Effects of Colonialism 54
	Foundation and the Dirth of Capitalian 21	Annihilation of Indigenous Peoples 54

RESTRUCTURING AROUND THE PRIMARY

FORMATION OF A DUAL SOCIETY 54

ECONOMIC SECTOR 54

Feudalism and the Birth of Capitalism 21

Characteristics of Feudalism 21

The End of Feudalism 23

Chapter 3

Chapter 4

Carrying Capacity and Overpopulation 98

Types of Resources and Their Limits 98

POLARIZED GEOGRAPHIES 54 Resources and Reserves 98 TRANSPLANTATION OF THE NATION-STATE 55 Renewable and Nonrenewable CULTURAL WESTERNIZATION 56 Resources 98 The End of Colonialism 56 Food Resources 99 Summary 56 · Key Terms 57 Population Growth 101 Study Questions 57 Poverty 102 Suggested Readings 57 Web Resources 57 Maldistribution 102 Civil Unrest and War 102 Population 58 Environmental Decline 103 Global Population Distribution 59 Government Policy and Debt 103 Population Density 60 Increasing Food Production 104 **Factors Influencing Population** Expanding Cultivated Areas 104 Distribution 62 Raising the Productivity of Existing Population Growth over Time and Space 63 Cropland 104 Population Change 63 Creating New Food Sources 105 Fertility and Mortality 64 Cultivating the Oceans 106 Malthusian Theory 64 High-Protein Cereals 107 **CASE STUDY: Population and Land** More Efficient Use of Foods 107 Degradation 68 A Solution to the World Food Supply Demographic Transition Theory 69 Situation 107 Stage 1: Preindustrial Society 69 Nonrenewable Mineral Resources 107 Stage 2: Early Industrial Society 73 Location and Projected Reserves of Key Stage 3: Late Industrial Society 75 Minerals 108 Stage 4: Postindustrial Society 76 Solutions to the Mineral Supply Contrasting the Demographic Transition Problem 108 and Malthusianism 79 **Environmental Impacts of Mineral** Criticisms of Demographic Transition Extraction 109 Theory 79 Energy 109 Population Structure 80 Energy Production and Consumption 111 The Baby Boom, an Aging Population, and Oil Dependency 111 Its Impacts 82 Production of Fossil Fuels 112 Migration 84 Adequacy of Fossil Fuels 112 Causes of Migration 84 Oil: Black Gold 113 The Economics of Migration 84 Natural Gas 113 Barriers to Migration 86 Coal 114 Characteristics of Migrants 86 **Energy Options** 115 Consequences of Migration 86 Conservation 115 Patterns of Migration 87 Nuclear Energy 117 Internally Displaced Persons (IDPs) 91 Geothermal Power 119 **CASE STUDY: The Great Depression (Baby Bust) Ahead 92** Hydropower 119 Summary 93 · Key Terms 94 Solar Energy 120 Study Questions 94 CASE STUDY: Resources: Wind Energy 121 Suggested Readings 95 Wind Power 122 Web Resources 95 Biomass 122 Resources and Environment 96 Environmental Degradation 122 Resources and Population 97 Pollution 122

Air Pollution 122

Water Pollution 123

Wildlife and Habitat Preservation 123 Regional Dimensions of Environmental Problems 124 **Environmental Equity and Sustainable**

Development 126

From a Growth-Oriented to a Balance-Oriented Lifestyle 127

Summary 127 · Key Terms 127

- Study Questions 128
- Suggested Readings 128
- Web Resources 129

Chapter 5 Theoretical Considerations 130

Factors of Location 131

Labor 132

Land 133

Capital 134

Managerial and Technical Skills 135

The Weberian Model 137

Weber in Today's World 138

Technique and Scale Considerations 140

Scale Considerations 140

Principles of Scale Economies 140

Vertical and Horizontal Integration and

Diversification 141

Interfirm Scale Economies:

Agglomeration 141

Evaluation of Industrial Location

Theory 142

How and Why Firms Grow 143

Geographic Organization of

Corporations 144

Organizational Structure 144

Administrative Hierarchies 146

Economic Geography and Social

Relations 146

Relations among Owners 146

Relations between Capital and Labor 146

Competition and Survival in Space 146

The Product Cycle 147

Business Cycles and Regional

Landscapes 148

Information Technology: The Fifth

Wave? 149

Business Cycles and the Spatial Division of

Labor 149

The State and Economic Geography 150

Summary 153 · Key Terms 154

- Study Questions 154
- Suggested Readings 154
- Web Resources 155

Chapter 6 Agriculture 156

The Formation of a Global Agricultural System 158

The Industrialization of Agriculture 159 CASE STUDY: Agro-Foods 159

Human Impacts on the Land 160

Factors Affecting Rural Land Use 161

Climatic Limitations 161

Cultural Preferences and Perceptions 161

Systems of Agricultural Production 162

Preindustrial Agriculture 163

PEASANT MODE OF PRODUCTION 164

SHIFTING CULTIVATION 164

PASTORAL NOMADISM 165

INTENSIVE SUBSISTENCE AGRICULTURE 166

Problems of Subsistence Agriculturalists 167

Commercial Agriculture 168

U.S. Commercial Agriculture: Crops and Regions 169

Commercial Agriculture and the Number of Farmers 169

Machinery and Other Resources in Farming 170

Types of Commercial Agriculture 170

MIXED CROP AND LIVESTOCK FARMING 170

Dairy Farming 171

GRAIN FARMING 171

CATTLE RANCHING 175

MEDITERRANEAN CROPPING 176

HORTICULTURE AND FRUIT FARMING 176

U.S. Agricultural Policy 177

The Farm Problem in North America 177

The U.S. Farm Subsidy Program 178

Sustainable Agriculture 180

The Von Thünen Model 181

Summary 182 · Key Terms 183

- Study Questions 183
- Suggested Readings
- Web Resources 183

Chapter 7 Manufacturing 184

Major Concentrations of World

Manufacturing 185

North America 185

Europe and Russia 189

East Asia 192

Deindustrialization 193

The Dynamics of Major Manufacturing Sectors 195

Textiles and Garments 195

Chapter 8

Interregional Trade in Producer

Services 233

anto		
Steel 196		International Trade in Services 233
Automobiles 200		Electronic Funds Transfer Systems 234
Electronics 201		Offshore Banking 236
CASE STUDY: Export Processing		Back-Office Relocations 236
Zones 205		Consumer Services 239
Biotechnology 206		Tourism 239
Flexible Manufacturing 207		CASE STUDY: Medical Tourism 240
Fordism 207		Summary 241 • Key Terms 242
Post-Fordism/Flexible Production 208		Study Questions 242Suggested Readings 243
Summary 210 • Key Terms 210 • Study Questions 210 • Suggested Readings 211		• Web Resources 243
Web Resources 211	Chapter 9	Transportation and Communications 244
Services 212		Transportation Networks in Historical Perspective 245
Defining Services 213		Time-Space Convergence or
Forces Driving the Growth of Services 216		Compression 249
Rising Incomes 216	100	Transportation Infrastructure 250
Demand for Health Care and		General Properties of Transport Costs 251
Education 217		Carrier Competition 252
An Increasingly Complex Division of Labor 219		Freight Rate Variations and Traffic Characteristics 252
The Public Sector: Growth and Complexity 220		Regimes for International Transportation 252
Service Exports 220		Transportation, Deregulation and
The Externalization Debate 221		Privatization 253
Labor Markets in the Service		Hub-and-Spoke Networks 254
Economy 222		Personal Mobility in the
Characteristics of Services Labor		United States 254
Markets 222 LABOR INTENSITY 222		Automobiles 254
INCOME DISTRIBUTION 223		High-Speed Trains and Magnetic Levitation 256
Gender Composition 224 Low Degree of Unionization 225		Telecommunications 256
EDUCATIONAL INPUTS 226		Fiber-optic Satellite Systems 258
Financial Services 227		Telecommunications and Geography 259
COMMERCIAL BANKING 227 INVESTMENT BANKING 227		Geographies of the Internet 261
SAVINGS AND LOANS 227		Origins and Growth of the Internet 262
Insurance 227		Social and Spatial Discrepancies in
The Regulation of Finance 228		Internet Access 263
The Deregulation of Finance 229		CASE STUDY: Chinese Internet
The Financial Crisis of 2007–2009 230		Censorship 265
Studies of Major Producer Services by		Social Implications of the Internet 265
Sector 231		E-Commerce 266
Accounting 231		E-Government 267
Design and Innovation 231		E-Business 267
Legal Services 232		Health Care 268
The Location of Producer Services 233		Summary 268 • Key Terms 268 • Study Questions 269

Suggested Readings 269Web Resources 269

vii

hapter 10	Cities and Urban Economies 270
	The Rise of the Modern City 271
	Urban Economic Base Analysis 272
	The Urban Division of Labor 277
	Urban Residential Space 278
	The Residential Location Decision 278
	The Filtering Model of Housing 278
	Housing Demand and Supply 278
	The Sprawling Metropolis: Patterns and Problems 279
	Out to the Exurbs 281
	ATOS 드라이티 HUNSEN 및 PSISU 디션이 워크스 트로스 트로그

Suburbanization and Inner-City Decline 282 Gentrification 282

Problems of the U.S. City 283

Urban Decay 285

The Crisis of the Inner-City Ghetto 285 Employment Mismatch 289

Global Cities 289

Urban Sustainability 292

CASE STUDY: Environmental Impacts of Cities 293

Summary 295 · Key Terms 295

- Study Questions 296
- Suggested Readings 296
- Web Resources 297

Chapter 11 Consumption 298

The Historical Context of Consumption 299

Theoretical Perspectives on Consumption 302

Sociological Views of Consumption 302 Neoclassical Economic Views 304

Marxist Views of Consumption 305

Geographies of Consumption 305

CASE STUDY: Commodity Chains 307

Environmental Dimensions of Consumption 308

Summary 310 · Key Terms 311

- Study Questions 311
- Suggested Readings 311
- Web Resources 311

Chapter 12 International Trade and Investment 312

International Trade 313

Trade by Barter and Money 314

Comparative Advantage 315

Transport Costs and Comparative Advantage 316

Heckscher-Ohlin Trade Theory 316

Inadequacies of Trade Theories 317

Fairness of Free Trade 317

Worsening Terms of Trade 317

Competitive Advantage 319

International Money and Capital Markets 321

International Banking 321

Euromarkets 321

Exchange Rates and International Trade 321

Why Exchange Rates Fluctuate 322

U.S. Trade Deficits 323

Results of the U.S. Trade Deficit 324

Capital Flows and Foreign Direct Investment 324

World Investment by Transnational Corporations 324

Investment by Foreign Multinationals in the United States 325

Effects of Foreign Direct Investment 327

Barriers to International Trade and Investment 330

Management Barriers 330

Government Barriers to Trade 331

Tariffs, Quotas, and Nontariff Barriers 332

Effects of Tariffs and Quotas 332

Government Stimulants to Trade 333

Reductions of Trade Barriers 333

General Agreement on Tariffs and Trade 333

World Trade Organization 334

Government Barriers to Flows of

Production Factors 335

Multinational Economic

Organizations 335

International Financial Institutions 336

Regional Economic Integration 337

The European Union 338

THE EU'S SINGLE CURRENCY 339

North American Free Trade Agreement 339 **CASE STUDY: North American Free Trade**

Agreement (NAFTA) 342

Summary 344 · Key Terms 345

- Study Questions 345
- Suggested Readings 345
- Web Resources 345

Chapter 13 International Trade Patterns

OPEC 343

World Patterns of Trade 347

The United States 348

U.S. MERCHANDISE TRADE 349

viii Contents

U.S. SERVICES TRADE 351

Canada 352

The European Union 352

Latin America 353

MEXICO 353

SOUTH AMERICA 354

East Asia 354

Japan 355

China 357

Taiwan 358

South Korea 358

Australia 358

India 359

South Africa 360

Russia 360

The Middle East 360

Major Global Trade Flows 361

Microelectronics 361

Automobiles 361

Steel 362

Textiles and Clothing 363

Grains and Feed 363

Nonoil Commodities 363

Summary 364 · Key Terms 364

- Study Questions 364
- Suggested Readings 364
- Web Resources 365

Chapter 14 Development and Underdevelopment in the Developing World 366

What's in a Word? "Developing"

How Economic Development Is

Measured 368

GDP PER CAPITA 368

ECONOMIC STRUCTURE OF THE LABOR

FORCE 369

EDUCATION AND LITERACY OF A

POPULATION 369

HEALTH OF A POPULATION 372

CONSUMER GOODS PRODUCED 375

URBANIZATION IN DEVELOPING

COUNTRIES 376

CASE STUDY: Remittances 379

Geographies of Underdevelopment 380

Latin America 381

Southeast Asia 382

East Asia (Excluding Japan) 383

South Asia 383

Middle East and North Africa 383

Sub-Saharan Africa 384

Characteristic Problems of Less Developed

Countries 384

Rapid Population Growth 384

Unemployment and

Underemployment 385

Low Labor Productivity 385

Lack of Capital and Investment 386

Inadequate and Insufficient

Technology 386

Unequal Land Distribution 387

Poor Terms of Trade 387

Foreign Debt 388

Restrictive Gender Roles 390

Corrupt and Inefficient Governments 390

Trends and Solutions 392

Major Theoretical Perspectives

on Global Patterns of Development 392

Modernization Theory 392

Dependency Theory 395

World-Systems Theory 396

Regional Disparities within Developing

Countries 397

Development Strategies 397

Expansion of Trade with Less Developed

Countries 398

Private Capital Flows to Less Developed

Countries 398

Foreign Aid from Economically Developed

Countries 399

Industrialization in the Developing

World 399

Import-Substitution Industrialization 400

Export-Led Industrialization 400

Sweatshops 401

The East Asian Economic Miracle 401

Sustainable Development 404

Summary 406 · Key Terms 407

- Study Questions 407
- Suggested Readings 407
- Web Resources 408

Glossary 411

References 421

Credits 423

Index 425