# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIST OF EXHIBITS</td>
<td>xv</td>
</tr>
<tr>
<td>PREFACE</td>
<td>xvii</td>
</tr>
<tr>
<td>USING THIS BOOK</td>
<td>xix</td>
</tr>
<tr>
<td><strong>I. INTRODUCTION</strong></td>
<td>1</td>
</tr>
<tr>
<td>Overview</td>
<td>1</td>
</tr>
<tr>
<td>I.A. MEASURING DEVELOPMENT</td>
<td>5</td>
</tr>
<tr>
<td>Note I.A.1. The Evolution of Measures of Development</td>
<td>5</td>
</tr>
<tr>
<td>Selection I.A.1. Why Are Services Cheaper in the Poor Countries?</td>
<td>13</td>
</tr>
<tr>
<td>Comment I.A.1. The Productivity and Factor Proportions Explanations Again</td>
<td>17</td>
</tr>
<tr>
<td>Selection I.A.2. Burden of Poverty</td>
<td>18</td>
</tr>
<tr>
<td>Comment I.A.2. Capabilities and Entitlements</td>
<td>30</td>
</tr>
<tr>
<td>I.B. ECONOMIC PERFORMANCE OF LESS DEVELOPED COUNTRIES:</td>
<td>35</td>
</tr>
<tr>
<td><strong>THE RECENT PAST</strong></td>
<td></td>
</tr>
<tr>
<td>Selection I.B.1. The East Asian Miracle</td>
<td>36</td>
</tr>
<tr>
<td>Selection I.B.2. East Asian Crisis: An Overview</td>
<td>42</td>
</tr>
<tr>
<td>Selection I.B.3. Completing China’s Move to the Market</td>
<td>48</td>
</tr>
<tr>
<td>Selection I.B.5. The Launching of the Reforms</td>
<td>58</td>
</tr>
<tr>
<td>Selection I.B.6. Indian Economic Reforms: Background, Rationale,</td>
<td>61</td>
</tr>
<tr>
<td>Achievements, and Future Prospects</td>
<td></td>
</tr>
<tr>
<td>Note I.B.1. The Triumph of Laissez-Faire?</td>
<td>64</td>
</tr>
<tr>
<td>Selection I.B.7. Explaining Africa’s Development Experiences</td>
<td>65</td>
</tr>
<tr>
<td>I.C. THE DISCIPLINE OF DEVELOPMENT ECONOMICS</td>
<td>69</td>
</tr>
<tr>
<td>Note I.C.1. Evolution of Development Economics</td>
<td>69</td>
</tr>
<tr>
<td>Comment I.C.1. Classical Growth Theory</td>
<td>72</td>
</tr>
<tr>
<td>Comment I.C.2. Development Economics as a Special Subject</td>
<td>73</td>
</tr>
<tr>
<td>Note I.C.2. New Endogenous Growth Theory</td>
<td>75</td>
</tr>
</tbody>
</table>
II. HISTORICAL PERSPECTIVE

Overview: The Division of the World 77

Selection II.1. The Spread of Economic Growth to the Third World: 1850–1980 80
  Comment II.1. State-owned Enterprises and Privatization 96
Selection II.2. The Division of the World and the Factoral Terms of Trade 97
Note II.1. Why Not Export First? 102
Note II.2. The Lewis Model of the World Economy 104
Selection II.3. Agricultural Productivity, Comparative Advantage, and Economic Growth 107
  Comment II.2. Income Elasticity of Demand for Food in the Matsuyama Model 110
Selection II.4. Income Distribution, Market Size, and Industrialization 111
  Comment II.3. Minimum Market Size in the Murphy–Shleifer–Vishny Model 113
Selection II.5. Divergence, Big Time 114

III. SAVINGS AND INVESTMENT

Overview: Savings—The Engine of Growth? 119

Note III.1. The AK Model 123
Selection III.1. Is Fixed Investment the Key to Economic Growth? 126
Selection III.2. Interest Rates in the Organized Money Markets of Underdeveloped Countries and Interest Rates Outside the Organized Money Markets of Underdeveloped Countries 129
Selection III.3. Financial Liberalization in Retrospect: Interest Rate Policies in LDCs 133
  Comment III.1. Financial Liberalization 136
Selection III.5. Financial Development and Economic Growth: Views and Agenda 141
Selection III.6. Good Policy or Good Luck? Country Growth Performance and Temporary Shocks 147
  Comment III.2. Policies Versus Shocks: A Closer Look 153

IV. INTERNATIONAL TRADE AND TECHNOLOGY TRANSFER

Overview 155

IV.A. TRADE

Selection IV.A.1. Natural Resource Abundance and Economic Growth 161
Note IV.A.1. Import-substituting Industrialization and the Infant-Industry Argument 168
Selection IV.A.2. Typology in Development Theory: Retrospective and Prospects 170
Selection IV.A.3. An Exposition and Exploration of Krueger’s Trade Model 175
  Comment IV.A.1. Moving Up the Ladder and Changes in Relative Costs of Factors of Production 178
Selection IV.A.5. Exchange Control, Liberalization, and Economic Development 187
Selection IV.A.6. Trade Policy Reform 191
Comment IV.A.2. Stabilization-cum-Liberalization Programs 193
Selection IV.A.7. Getting Interventions Right: How South Korea and Taiwan Grew Rich 195
Note IV.A.2. Tradeability of Intermediate Goods, Linkages, and Bottlenecks 202

IV.B. FOREIGN CONTACT AND TECHNOLOGY TRANSFER 204
Note IV.B.1. Learning in International Production Networks 204
Selection IV.B.1. Technology Gaps Between Industrial and Developing Countries: Are There Dividends for Latecomers? 206
Selection IV.B.2. The Benefits of FDI 209
Note IV.B.2. Trade as Enemy, Handmaiden, and Engine of Growth 211

V. HUMAN RESOURCES 213
Overview 213

V.A. EDUCATION 216
Note V.A.1. Three Views of the Contribution of Education to Economic Growth 216
Selection V.A.2. Economic Impact of Education 223
Comment V.A.1. Ability Differences, Spillovers, and the Returns to Education 226
Comment V.A.2. Education and Development 227
Selection V.A.3. Interpreting Recent Research on Schooling in Developing Countries 229
Selection V.A.4. Schooling Quality in a Cross Section of Countries 234
Selection V.A.5. Creating Human Capital 237

V.B. POPULATION 241
Note V.B.1. The Size of the World’s Population and the Size of the Average Family 241
Selection V.B.1. Economic Approaches to Population Growth 242

V.C. HEALTH AND NUTRITION 249
Selection V.C.1. Health and Nutrition 254
Selection V.C.2. Investing in Health 257

V.D. GENDER AND DEVELOPMENT 263
Selection V.D.1. Women’s Education in Developing Countries: An Overview 263
<table>
<thead>
<tr>
<th>Selection V.D.2.</th>
<th>Women in the Labor Force</th>
<th>271</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selection V.D.3.</td>
<td>Women, Poverty, and Development in the Third World</td>
<td>275</td>
</tr>
<tr>
<td>Selection V.D.4.</td>
<td>Women in Developing Countries</td>
<td>280</td>
</tr>
<tr>
<td>Selection V.D.5.</td>
<td>Missing Women</td>
<td>283</td>
</tr>
<tr>
<td>Comment V.D.1.</td>
<td>The Grameen Bank and &quot;Empowerment&quot; of Women</td>
<td>287</td>
</tr>
<tr>
<td>Comment V.D.2.</td>
<td>Gender-Aware Analysis</td>
<td>288</td>
</tr>
</tbody>
</table>

**VI. MIGRATION AND THE URBAN INFORMAL SECTOR**

- **Overview:** The Evolving View of Urban Underemployment, the Informal Sector, and Their Connection with Rural-Urban Migration
- **Selection VI.1.** Urban Growth in Developing Countries: A Demographic Reappraisal
- **Selection VI.2.** Economic Development with Unlimited Supplies of Labor
- **Selection VI.3.** A Model of Labor Migration and Urban Unemployment in Less Developed Countries
- **Note VI.1.** The Lewis Versus the Harris–Todaro View of Underemployment in Less Developed Countries
- **Selection VI.4.** Wage Spillover and Unemployment in a Wage-gap Economy: The Jamaican Case
- **Note VI.2.** Econometric Studies of Migration
- **Selection VI.5.** The Informal Sector
- **Selection VI.6.** A Reassessment of Kenya’s Rural and Urban Informal Sector
- **Selection VI.7.** Labour Market Modelling and the Urban Informal Sector: Theory and Evidence
- **Selection VI.8.** The Role of the Informal Sector in the Migration Process: A Test of Probabilistic Migration Models and Labour Market Segmentation for India

**VII. AGRICULTURE**

- **Overview**
- **VII.A.** The Importance of Agriculture for Economic Development
- **Selection VII.A.1.** Development Strategy in a Limping World Economy
- **Note VII.A.1.** Food, Hunger, Famine
- **VII.B.** Designing an Agricultural Strategy
- **Selection VII.B.1.** Some Theoretical Aspects of Agricultural Policies
- **Selection VII.B.2.** Criteria for the Design of Agricultural Development Strategies
- **Comment VII.B.1.** The Green Revolution
CONTENTS

Comment VII.B.2. Land Reform 346
Selection VII.B.3. The Agricultural Transformation 347
Note VII.B.1. Induced Technical and Institutional Change 350

VII.C. MICROECONOMICS OF THE RURAL SECTOR 352
Selection VII.C.1. The New Development Economics 352
Selection VII.C.3. The New Institutional Economics and Development Theory 359
Selection VII.C.4. Rural Credit Markets and Institutions in Developing Countries: Lessons for Policy Analysis from Practice and Modern Theory 361
Selection VII.C.5. A Survey of Agricultural Household Models: Recent Findings and Policy Implications 364
Comment VII.C.1. Supply Functions and Price Responsiveness 366

VII.D. AGRICULTURAL PRICING POLICY AND URBAN BIAS 368
Note VII.D.1. Agricultural Pricing Policy 368
Selection VII.D.1. Urban Bias 370
Comment VII.D.1. Rural–Urban Terms of Trade 373
Comment VII.D.2. The Rural–Urban Divide 373

VIII. INCOME DISTRIBUTION 375
Overview 375
Note VIII.1. Measurement of Income Inequality 379

VIII.A. THE IMPACT OF DEVELOPMENT ON INCOME DISTRIBUTION 382
Selection VIII.A.1. Economic Growth and Income Inequality 382
Selection VIII.A.2. Inequality, Poverty, and Development 387
Selection VIII.A.3. Growth and Income Distribution 391
Selection VIII.A.4. A Note on the U Hypothesis Relating Income Inequality and Economic Development 394
Selection VIII.A.5. Economic Development, Urban Underemployment, and Income Inequality 395
Comment VIII.A.1. The Informal Sector, Intrarural Inequality, and the Inverted U 399

VIII.B. THE IMPACT OF INCOME DISTRIBUTION ON DEVELOPMENT 401
Selection VIII.B.1. Distributive Politics and Economic Growth 401
Selection VIII.B.2. Income Distribution, Political Instability, and Investment 404
## VIII.C. CASE STUDIES

<table>
<thead>
<tr>
<th>Selection</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIII.C.1.</td>
<td>Economic Growth and Income Distribution in Taiwan, 1953–64</td>
<td>409</td>
</tr>
<tr>
<td>VIII.C.2.</td>
<td>Brazilian Size Distribution of Income</td>
<td>417</td>
</tr>
</tbody>
</table>

## IX. POLITICAL ECONOMY

<table>
<thead>
<tr>
<th>Selection</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>IX.A.1.</td>
<td>Public Policy and the Economics of Development</td>
<td>426</td>
</tr>
<tr>
<td>IX.A.2.</td>
<td>Governing the Market</td>
<td>432</td>
</tr>
<tr>
<td>IX.B.1.</td>
<td>What Are Rents?</td>
<td>434</td>
</tr>
<tr>
<td>IX.B.2.</td>
<td>The Political Economy of the Rent-Seeking Society</td>
<td>437</td>
</tr>
<tr>
<td>IX.B.3.</td>
<td>India</td>
<td>446</td>
</tr>
<tr>
<td>IX.B.4.</td>
<td>Governments and Agricultural Markets in Africa</td>
<td>450</td>
</tr>
<tr>
<td>IX.C.2.</td>
<td>The State as Problem and Solution: Predation, Embedded Autonomy, and Structural Change</td>
<td>476</td>
</tr>
<tr>
<td>IX.C.3.</td>
<td>Taking Trade Policy Seriously: Export Subsidization as a Case Study in Policy Effectiveness</td>
<td>495</td>
</tr>
<tr>
<td>IX.C.4.</td>
<td>Bureaucratic Structure and Bureaucratic Performance in Less Developed Countries</td>
<td>508</td>
</tr>
</tbody>
</table>

## X. DEVELOPMENT AND THE ENVIRONMENT

<table>
<thead>
<tr>
<th>Selection</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>X.1.</td>
<td>Development and the Environment</td>
<td>517</td>
</tr>
<tr>
<td>X.2.</td>
<td>North–South Trade and the Global Environment</td>
<td>531</td>
</tr>
</tbody>
</table>
Comment X.2. Empirical Studies of the Impact of International Trade on the Environment in Less Developed Countries 533
Selection X.3. Deforestation and the Rule of Law in a Cross Section of Countries 535
Selection X.4. Determinants of Pollution Abatement in Developing Countries: Evidence from South and Southeast Asia 544
Selection X.5. Sustainable Development: Ecology and Economic Progress 554
Comment X.3. Weak Sustainability, Genuine Savings, and Green National Accounting 559

APPENDIX: HOW TO READ A REGRESSION TABLE 561
INDEX OF SELECTION AUTHORS 567
INDEX 569
EXHIBITS

Exhibit I.A.1. Basic Indicators 8
Exhibit I.A.2. Exchange-Rate-Deviation Index in Relation to Real GDP per Capita, Thirty-four Countries, 1975. 12
Exhibit I.A.3. The Human Development Index 21
Exhibit I.A.4. Similar Income, Different Human Development, 1993 23
Exhibit I.A.5. Human Development Index Rankings 24
Exhibit I.B.1. Balance Sheet of Human Development—Developing Countries 35
Exhibit III.1. Economic and Social Indicators in Fast and Slow Growth Economies 122
Exhibit IV.A.1. Share of Primary Products in Merchandise Exports and Index of Export Concentration 159
Exhibit V.C.1. Health Indicators 249
Exhibit V.C.2. Life Expectancies and Health Expenditures in Selected Countries 262
Exhibit VI.1. Self-employment and Unpaid Family Workers Circa 1990 295
Exhibit VII.D.1. Rural and Urban Poverty in the 1980s 373
Exhibit IX.A.1. Market Failure and State Intervention 431
PREFACE

The economics of development is one of the most exciting subjects in social science. Why, two centuries after the Industrial Revolution, are poverty and its attendant ills so prevalent in most of the world? And what can be done about it? Nobel Prize–winning economist Robert Lucas wrote of the questions addressed by development economics, “Once one starts to think about them, it is hard to think about anything else” [“On the Mechanics of Economic Development,” Journal of Monetary Economics 22 (July 1988), p. 5].

Development economics is also a very frustrating subject. Unlike most areas within economics, there exists no consensus on what the student should know. Two scholars can with equal justification write two completely different textbooks.

The aim of this book is to convey as much of the excitement of development economics and as little of the frustration as possible. To this end we have avoided writing the ordinary type of textbook, instead culling the most insightful readings from the diffuse field of development and bringing them into conceptual order. By using this distinctive approach we allow for a variety of perspectives while keeping in sight the most important overarching themes. The section “Using This Book” (p. xix) describes our strategy of combining excerpted readings (“Selections”) with our own “Overviews,” “Notes,” “Comments,” and “Exhibits.”

After being responsible for the previous six editions of Leading Issues in Economic Development over the past 35 years, Professor Meier has now selected Professor Rauch to upgrade and modernize this seventh edition and to perpetuate subsequent editions. This edition is mainly Professor Rauch’s effort. It reflects his desire to strengthen the analytical and quantitative dimensions of development economics and to illuminate contemporary—and future—problems of development policymaking. In all, it provides fresh and serious attention to the interplay between development experience, changing views of economists, and policy.

While this seventh edition maintains the format of previous editions, the inclusion of a new author has brought many changes relative to the sixth edition:

- New chapters on income distribution and on development and the environment have been added while other chapters have been consolidated.
- Most of the Selections and Notes are new.
- The representation in the Selections of articles from leading professional journals has increased.
- The Selections make greater use of statistical analysis, and an Appendix, “How to Read a Regression Table,” has been added to ensure that these Selections are easily accessible to all readers.

We wish to express our appreciation to the authors and publishers who have granted permission to use excerpts from publications for which copyrights exist. Specific acknowledgment is given with each Selection. Some parts of the original versions of the excerpted materials have been omitted out of consideration for relevance and to avoid repetition. In some instances, tables and diagrams have been renumbered and the footnotes have been deleted or renumbered.

We would like to thank a number of extremely busy people who generously took time out to provide advice or to comment on portions of the manuscript: Richard Carson, Graham Elliott, Peter Evans, and Dani Rodrik. We would also like to acknowledge the valuable research assistance of Neville Francis, Timothy Kane, Paula Lindsay, and Donald McCubbin. James Rauch wishes to thank his wife, Doris
Bittar, for making room in her life for this book during its final months of preparation. Kenneth MacLeod has been a very helpful and patient editor. Finally, we are grateful to the entire profession of social scientists whose writings on development provide the foundation for this volume.
USING THIS BOOK

Instructors and students can use this book more like a main text or more like a supplementary reader. To facilitate the latter approach, the contents have been designed to allow individual freedom of choice in deciding what chapters and Selections to read and in what sequence. If the former approach is taken, the organizational and thematic guidance of the chapter Overviews can be followed and the chapters can be read in numerical order.

The chapters include the following materials:

**Overviews:** These are introductory essays that show how the subsequent chapter materials fit together and elucidate one or more overarching themes. They sometimes contain ideas that are not explicitly presented by the other chapter materials.

**Selections:** These are the core of the book. They present a broad sample of the major contributions by scholars and practitioners on the central issues in economic development. Each Selection has been edited for the sake of brevity and to highlight the points of greatest relevance for the chapter in which it appears.

**Notes:** These serve two purposes. One is to expound important ideas that are extant in the literature but are not presented as clearly or simply as we would like. The other is to present more original material that complements the Selections.

**Comments:** Like the Notes, these serve two purposes. One is to clarify or expand upon the immediately preceding Selection. The other is to suggest additional readings on the subject of the immediately preceding Selection.

**Exhibits:** These are tables and charts that provide empirical illustrations and data on topics under discussion. Starting with Selection III.1, some Selections include regression tables. Readers without econometric training are urged to refer to the Appendix to get the most insight from these Selections.
INDEX OF SELECTION AUTHORS

Ahlawalia, Montek S., 387–90
Alesina, Alberto, 401–3, 404–8
Balassa, Bela, 180–86
Banerjee, Biswajit, 323–27
Barbier, Edward, 554–59
Bardhan, Pranab, 359–60, 446–49
Barro, Robert J., 234–36
Bates, Robert H., 450–55
Behrman, Jere R., 254–56
Benhabib, Jess, 218–22
Bhagwati, Jagdish N., 13–17, 187–90
Binswanger, Hans P., 356–58
Birdsall, Nancy, 242–48
Blomström, Magnus, 126–28
Braverman, A., 361–63
Deacon, Robert T., 535–43
Deardorff, Alan V., 175–78
Deolalikar, Anil B., 254–56
Easterly, William, 147–53, 456–70
Edwards, Sebastian, 58–60
Evans, Peter B., 476–94, 508–15
Fei, John C. H., 409–16
Fields, Gary S., 318–22, 391–93
Fishlow, Albert, 52–57, 417–20
Guasch, J. L., 361–63
Hanushek, Eric A., 229–33
Harrison, Ann, 209–10
Hettige, Hemamala, 544–53
Hill, M. Anne, 263–70
Huq, Mainul, 544–53
ILO Mission, 313–15
International Labour Office, 271–74
Johnston, Bruce F., 340–45
Keeler, Philip, 471–75
Khalily, Basqui, 285–87
Khan, Zahed, 285–87
Khandker, Shahidur R., 285–87
Knack, Stephen, 471–75
Kremer, Michael, 147–53
Krueger, Anne, 187–90, 437–40
Kuo, Shirley W. Y., 409–16
Kuznets, Simon, 382–86
Lee, Jong-Wha, 234–36
Levine, Ross, 141–46, 456–70
Lipsey, Robert E., 126–28
Lipton, Michael, 370–72
Livingstone, Ian, 316–17
Lycette, Margaret A., 275–79
McKinnon, Ronald L., 133–36
Markandya, Anil, 554–59
Matsuyama, Kiminori, 107–9
Murphy, Kevin M., 111–13
Overseas Development Institute, 65–68
Pack, Howard, 206–8
Pargal, Sheoli, 544–53
Patrick, Hugh T., 138–40
Pearce, David, 554–59
Perkins, Dwight, 48–51
Perotti, Roberto, 404–8
Preston, Samuel H., 293–94
Pritchett, Lant, 114–18, 147–53
Psacharopoulos, George, 223–26
Ranis, Gustav, 170–74, 409–16
Rauch, James E., 395–99, 508–15
Reynolds, Lloyd G., 80–95
Robinson, Sherman, 394
Rodrik, Dani, 195–201, 401–3, 495–507
Rosenzweig, Mark R., 356–58
Sachs, Jeffrey D., 161–67
Sen, Amartya, 283–84
Shleifer, Andrei, 111–13
Singh, Inderjit, 364–66
Spiegel, Mark M., 218–22
Squire, Lyn, 364–66
Srinivasan, T. N., 61–63, 442–45
Stern, Nicholas, 426–30
Strauss, John, 364–66
Summers, Lawrence, 147–53
Tidrick, Gene M., 307–11
Timmer, C. Peter, 347–49
Todaro, Michael P., 300–301
Vishny, Robert W., 111–13
Wai, U Tun, 129–32
Warner, Andrew M., 161–67
Wheeler, David, 544–53
Zejan, Mario, 126–28
<table>
<thead>
<tr>
<th>INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquired immune deficiency syndrome (AIDS), 257, 260</td>
</tr>
<tr>
<td>Adverse selection effect, 362</td>
</tr>
<tr>
<td>Afghanistan, 88, 91, 263, 536</td>
</tr>
<tr>
<td>Africa, 104. See also East Africa; North Africa; South Africa; Sub-Saharan Africa; West Africa; agriculture and, 97, 100, 333; divergence and, 115; economic environment in, 430; economic growth in, 84–85, 86–87, 89, 91, 92, 94; education in, 219, 225; environment and, 526, 528; health in, 258; industrialization and, 98, 99, 451–52; population of, 244; poverty in, 18; rural-urban migration in, 293, 294; state intervention in agricultural markets, 450–55; typology of development in, 170–74; unemployment in, 310; women in, 274, 275, 276, 281</td>
</tr>
<tr>
<td>Agency for Marginal Farmers and Agricultural Labour (MFAL), 447</td>
</tr>
<tr>
<td>Agricultural household models, 331, 346–66</td>
</tr>
<tr>
<td>Agricultural productivity: comparative advantage, economic growth and, 107–9; factorial terms of trade and, 99–101; in Lewis model of world economy, 104–6; soil, water and, 522–23; strategies for increasing, 343</td>
</tr>
<tr>
<td>Ahluwalia, Montek, 209</td>
</tr>
<tr>
<td>Air quality, 521–22, 525</td>
</tr>
<tr>
<td>AK model, 120, 121, 123–25, 151, 178</td>
</tr>
<tr>
<td>Amakudari, 481</td>
</tr>
<tr>
<td>Amazon Basin, 332</td>
</tr>
<tr>
<td>Argentina, 99, 406; agriculture and, 108; economic development in, 52; economic growth in, 86, 92, 94, 473; economic reforms in, 58; industrialization and, 98, 182, 183; poverty in, 55; trade and, 192, 202</td>
</tr>
<tr>
<td>Asia, 2, 104. See also East Asia; South Asia; Southeast Asia; agriculture and, 97, 100, 333, 344; economic growth in, 80, 84, 86, 93; education in, 429; environment and, 526; industrialization and, 99; interest rates in, 129, 134; population of, 242; rural-urban migration in, 294; women in, 271, 272–73, 274, 275, 276, 283, 284</td>
</tr>
<tr>
<td>Assassinations, 458, 540</td>
</tr>
<tr>
<td>Association of Southeast Asian Nations (ASEAN), 43</td>
</tr>
<tr>
<td>Australia, 88, 99, 101, 105, 183</td>
</tr>
<tr>
<td>Automobile industry, 202, 500–501</td>
</tr>
<tr>
<td>Autonomy. See Embedded autonomy; State autonomy</td>
</tr>
<tr>
<td>Backwash, 98</td>
</tr>
<tr>
<td>Bahrain, 166</td>
</tr>
<tr>
<td>Balanced growth, 69–70</td>
</tr>
<tr>
<td>Bangladesh: economic growth in, 88; family planning programs in, 247; famine in, 335; foreign direct investment and, 210; Grameen Bank of, 215, 285–88; infrastructure of, 429; pollution abatement in, 544–45, 548–51; population in, 244, 245; poverty in, 18; technology transfer and, 204; women in, 271, 283, 284; women’s education in, 269</td>
</tr>
<tr>
<td>Bangladesh Chemical Industries Corporation (BCIC), 548</td>
</tr>
<tr>
<td>Banks, 139; central, 46, 142, 502; in East Asia, 36, 37, 44, 45; financial development and, 142; in India, 61; interest rates in, 129, 131, 132</td>
</tr>
<tr>
<td>BAPEdal, 547</td>
</tr>
<tr>
<td>Barbados, 297</td>
</tr>
<tr>
<td>Basic indicators, 8–11</td>
</tr>
<tr>
<td>BEFIEX program, 499–500</td>
</tr>
<tr>
<td>Belgium, 107</td>
</tr>
<tr>
<td>Benin, 264</td>
</tr>
<tr>
<td>Big push, 69</td>
</tr>
<tr>
<td>Bimodal agricultural strategy, 330, 340–42, 343, 345, 347</td>
</tr>
<tr>
<td>Biodiversity, 523–24</td>
</tr>
<tr>
<td>Bolivia, 144; education in, 237, 240; export subsidies and, 495, 503, 505; poverty in, 18; women in, 276; women’s education in, 264</td>
</tr>
<tr>
<td>Botswana, 65; economic growth in, 147, 152; ethnic diversity in, 463; political system of, 406; trade and, 156; women in, 275; women’s education in, 263, 268</td>
</tr>
<tr>
<td>Branco, Castello, 417</td>
</tr>
<tr>
<td>Brazil, 5, 6; deforestation in, 536; economic development in, 52; economic growth in, 84, 86, 91, 92, 93, 94; economic reforms in, 58, 60; education in, 230, 231, 232, 239, 419; environment and, 527, 528, 531; export subsidies and, 495, 499–501; health in, 427; income distribution in, 56, 378, 417–20; industrialization and, 98, 99; poverty in, 36, 55; state intervention in, 488–91, 493, 494; trade and, 189, 192, 202; women in, 273, 276</td>
</tr>
<tr>
<td>Bribery, 438, 461, 509</td>
</tr>
<tr>
<td>Brundtland Report, 555</td>
</tr>
</tbody>
</table>

569

Ecuador, 18, 532

Economic reforms: in India, 61–63; agriculture and, 81, 82, 83–84, 342–43; cross-country studies of, 141–45, 458–60; in East Asia, 36–41, 147, 152; education and, 216–17; environment and, 524–26; extensive, 80–85; financial development and, 138–40; fixed investment and, 126–28; functional approach to, 40–41; income distribution and, 391–93, 401–3, 409–16; income inequality and, 382–86; industrialization and, 81, 82, 183–84; institutional indicators and, 471–75; intensive, 80, 88–95; in Latin America, 52–54, 80, 84, 86, 89, 90, 93, 94; natural resources and, 156, 161–67; policies versus shocks in, 147–53; in Sub-Saharan Africa, 65–68; typology of, 237–39; underemployment and, 80, 84, 86, 89, 90, 93–94; fictitious, 503, 504; as first trade move, 102–3; foreign direct investment and, 210; India and, 61, 62; industrialization and, 183–84; Korea and, 105; Latin America and, 53; natural resources and, 162; primary products in, 155–56, 159–60; Sub-Saharan Africa and, 65, 68; Taiwan and, 105

Export subsidies, 424, 495–507; failures in, 502–3; intermediate cases, 503–6; successes in, 496–501

Export substitution: primary, 171, 173; secondary, 171–72, 173

Expropriation risk, 471, 472, 473–74

Extensive growth, 80–85

Externalities, 259, 336

Extinction, 523–24

Factorial terms of trade, 99–101

Factor prices, 175, 176, 178

Factor proportions explanations, 17

Factors of production, 178–79

Family distribution of income (FID), 409, 415–16

Family income, 244

Family planning programs, 36, 242, 246–47, 345, 348

Family size, 241

Famine, 335

Fertility rates, 242, 243, 244, 283.

See also Birth rates; economic growth and, 82, 83; education and, 226; family planning programs and, 246–47; infant mortality and, 245–46; nutrition and, 255

Fertilizer plants, 544, 548–49

Fictitious exports, 503, 504

Financial development, 138–40, 141–46

Financial liberalization, 133–37

Five-Year Plan, 431

Fixed investment, 126–28

Fixed-rate tenancy, 357, 358

Food and Agriculture Organization (FAO), 535

Food crops, 451

Food, 254–55

Food subsidy, 82–84, 88–89, 91

Foreign direct investment (FDI), 90, 102, 157–58; benefits of, 209–10; China and, 50–51; East Asia and, 39, 44; Latin America and, 53, 58; technology transfer and, 209–10

Formal sector, 313, 317, 319; mobility from informal sector to, 323–26; relation between informal sector and, 314–15, 321

Four Tigers, 3, 36. See also Hong Kong; Korea; Singapore; Taiwan

France, 90, 97, 138, 283

Franc Zone, 65
Free-rider problem, 168, 442, 443, 445
Freighters, 97
Full income, 365
Functional approach to economic growth, 40–41
Gabon, 166
Gabon, 481
Gabon, 62
Gabriel, 62
Gender. See Women
Gender-aware analysis, 288
General Agreement on Tariffs and Trade (GATT), 192, 500
General Motors, 182
Genuine savings, 559
Germany, 2, 97; environment and, 532; income distribution in, 375–76, 382–3, 386; interest rates in, 124
Ghana: divergence and, 115; economic growth in, 86, 87, 94; environment and, 533–34; ethnic diversity in, 462–63; health in, 257; import substitution and, 180; industrialization and, 99; state intervention in agricultural markets, 453, 454, 455; trade and, 189; women in, 273
Gini coefficient, 376, 380, 392, 395, 401–2, 416, 417
Gini indices, 56, 57
Global warming, 521
Gold Coast, 298
Goldenberg (firm), 502–3
Goldman Sachs, 481
Goldman Sachs, 481
Government. See Policies; State intervention
Government failure, 336, 348, 422–24
Granger-causes growth, 120, 126
Great Bengal Famine, 335
Great Britain/United Kingdom, 90, 97, 98, 100, 101, 105, 107, 168, 170. See also England; divergence and, 115; environment and, 531; import substitution and, 184; income distribution in, 375–76, 382–3, 384, 386, 419; industrialization and, 180; Jamaican emigration to, 307; women in, 283, 298
Great Depression, 52, 87, 170
Greece, 191
Greenhouse warming, 517, 524
Green national accounting, 559
Green Revolution, 109, 272–73, 330, 333, 340, 345–46, 430
Gross domestic product (GDP): absorption in form of services and commodities, 14; agriculture and, 368; in AK model, 123, 125; bureaucracy and, 508; calculating a lower bound for, 114–16; of China, 48, 49; of East Asia, 36; economic growth and, 84–95, 142–45; education and, 234, 235; environment and, 523; exchange-rate deviation in relation to, 6, 12; fixed investment and, 126; of India, 61, 62, 63; interest rates and, 134–36; investment and, 406, 407; of Latin America, 52, 53; natural resources and, 161, 162, 163–65
Gross national product (GNP), 2; as a lower bound for, 114–16; of China, 48, 49; of East Asia, 36; industrialization and, 84; population and, 23; of Taiwan; Singapore
Gulf War, 62
Haiti, 58, 307, 310, 529, 536
Handicrafts, 81, 84, 89
Hangzhou, 58
Hans-Goerres, 191
Hans, 191
Harris-Todaro model, 423; rent seeking in, 440; of underemployment, 291, 302–6, 396, 399
Headcount index, 19
Health insurance, 258, 259
High-income economies: basic indicators in, 11; development measures in, 5; Gini coefficient in, 392; health indicators in, 252–53; population and labor force in, 34; self-employment and unpaid family workers in, 295–96
High-performing East Asian Economies (HPAEs), 3, 36–41, 237–39, See also Hong Kong; Indonesia; Korea; Malaysia; Singapore; Taiwan; Thailand
Historical perspective, 77–118; on division of the world, 97–99; on factorial terms of trade, 99–101; on spread of economic growth, 80–96
Honduras, 55, 276, 473
Hong Kong, 3, 51, 460, 466; economic crisis in, 43; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 94, 147; education in, 237; family planning programs in, 246; import substitution and, 184; industrialization and, 180; natural resources and, 164; trade and, 184; women’s education in, 270
Hot Oil Act, 532
Household model, 243, 244
Household production, 80–81
Human capital: creating, 237–39; economic development and, 218–22; knowledge acquisition, 207–10; life expectancy and, 219; rate deviation in relation to, 6, 12; fixed investment and, 126; of India, 61, 62, 63; interest rates and, 134–36; investment and, 406, 407; of Latin America, 52, 53; natural resources and, 161, 162, 163–65
Human development: balance sheet of, 35; income and, 23
Human Development Index (HDI), 2, 7, 21–22, 24–29, 119, 123
Human resources, 213–88. See also Education; Health; Nutrition; Population; Women
Hungary, 182–83, 184, 185, 529
Hunger, 335
Hyundai, 196–98
Ibadan, 81–82
Illiteracy, 7, 68, 240. See also Literacy
Imperfect information, 336, 353, 355, 357–58, 359–60, 361
Import subsiding, 440; of textiles and apparel, 440
Imports, 54, 89, 90, 157
Import-substituting industrialization, 156, 168–69
Import substitution, 92–93, 170, 185, 189, 499; export promotion versus, 187–88; first stage of, 180–81; India and, 61, 181; Latin America and, 52, 53, 54, 181, 185; primary, 171, 173; secondary, 171–72, 173; second stage of, 181–83, 184, 186, 202; Sub-Saharan Africa and, 67
INBIO, 532
Income: balance sheet of, 35; deforestation and, 538–39; education and, 221–22; environment and, 524–26; family, 244; family distribution of, 409, 415–16; full, 365; human development and, 23; in India, 61, 448–49; per capita. See Per capita income; secular levels of, 382, 383, 384, 386; subsistence, 115
subsidies and, 495, 505; health in, 429; informal sector in, 313–15, 316–17, 318; labor migration and unemployment in, 300–301; poverty in, 18; state intervention in agricultural markets, 451; typology of development in, 170–74; women in, 275, 276, 277, 282, 285
Kenya
Kenyatta administration, 462
Korea, 3, 102, 466, 480; economic crisis in, 42, 44, 45, 47; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 41, 87, 89, 91, 93, 94; education in, 225, 237; export subsidies and, 495, 496–99, 502–3; family planning programs in, 246; foreign direct investment and, 210; income distribution in, 403; interest rates in, 124; natural resources and, 164, 166; state intervention in, 157, 195–201, 482–84, 485, 487; technology and, 204, 206–8; trade and, 184, 185, 188, 192; women’s education in, 268
Korup National Park, 532
Krevis-Heston-Summers productivity explanation, 13–15
Krueger’s trade model, 175–78, 179
Kuwait, 166
Kuznets, Simon, 375–76, 387, 391, 395
Kuznets environmental curve, 517, 529–30
Laissé-faire, 64
Land ownership, 401–3
Land reform, 330, 332, 344–45, 346, 403, 409–12, 446
Land use model, 539
Latin America, 1, 3, 4, 104; agriculture and, 97, 100; economic and social indicators in, 56; economic development: 1950–1980, 52–57; economic growth in, 52–54, 80, 84, 86, 89, 90, 93, 94; economic reforms in, 58–60; education in, 219, 222, 238, 429; environment and, 526, 533; health in, 258; import substitution, 52, 53, 54, 181, 185; income distribution in, 54–57, 403, 407; income inequality in, 390, 397; industrialization and, 98, 99, 182; interest rates in, 129, 134, 137; poverty in, 19; rural-urban migration in, 293, 294; Sub-Saharan Africa compared with, 456, 458, 459, 464; trade and, 53, 202; typology of development, 170–74; women in, 271, 272, 275, 276, 277; women’s education in, 263, 266
Law for Dealing with Illicit Wealth, 497
Law of Large Numbers, 396
Law of one price, 5
Lead, 521–22
Learning-by-doing, 75, 78, 161, 168, 311, 343
Lerner diagrammatic technique, 13
Lesotho, 529
Lewis model of underemployment, 291, 302–6
Lewis model of world economy, 104–6
Libya, 263
Life expectancy, 7; in China, 427; divergence and, 115; health expenditures and, 262; in India, 61; in Latin America, 56; poverty and, 18, 19; in Sub-Saharan Africa, 456; of women, 283, 284
Literacy, 56, 218, 263, 266
Low-income economies: basic indicators in, 11; health indicators in, 252; population and labor force in, 34
Low-middle-income economies: basic indicators in, 9–10; health indicators in, 250–51; income inequality in, 397; self-employment and unpaid family workers in, 295; women’s education in, 265, 267
Low-income economies: basic indicators in, 8–9; development measures in, 5; Gini coefficient in, 392; health indicators in, 249–50; health systems in, 258; income inequality in, 389; population and labor force in, 31–32; self-employment and unpaid family workers in, 295; women’s earnings in, 276–77; women’s education in, 263–64, 265, 267
Lucky-Goldstar, 196–98
Ludhiana, 318
Macroeconomics: in Caribbean, 59; in East Asia, 43–44; education and, 225; health and, 254, 255; in informal sector, 316; in Latin America, 52, 59, 60
Madagascar, 529
Mahalanobis Committee on Distribution of Income and Levels of Living, 61
Maharashtra, 429
Mahaweli scheme, 528
Malawi, 267–68, 273, 282
Malaya, 86
Malaysia, 3; economic crisis in, 42, 44, 47; economic growth in, 36, 39, 40, 89, 91, 94; informal sector in, 319–21; natural resources and, 165; population in, 245; women in, 271, 273, 275; women’s education in, 268–69
Malthus, Thomas, 73
Manmaded Fibers Association, 485
Manufacturing. See also
Industrialization: agriculture and, 333–34; economic growth and, 89–90, 92–93; in Krueger’s trade model, 175–78
Mao Zedong, 48, 50
Market failure, 426; agriculture and, 336, 348, 356; environment and, 524; import-substituting industrialization and, 168–69; state intervention and, 431
Market policy approach to agriculture, 348
Markets, 432–33; agricultural, 336; China’s move to, 48–51; commodity, 450–51; health care, 259–60; population and, 244–45; size of, 111–13
Marshallian inefficiency, 357
Marxist theory, 298, 442, 445, 477
Maternal mortality, 257, 258
Mauritania, 273
Mauritius, 65, 165, 529
McKenzie-Chipman diversification cone, 15
Merck and Company, 532
Mexico: bureaucracy in, 482; economic environment in, 430; economic growth in, 86, 89, 91, 92, 93, 94; economic reforms in, 58; environment and, 533; foreign direct investment and, 157–58, 210; political system of, 404; poverty in, 18, 55; trade and, 202; typology of development, 170–74; women in, 273
Microeconomics: education and, 223–25; health and, 254; in Latin America, 52; in rural sector, 330, 352–67
Middle class, 377, 407
Middle East, 2; economic growth in, 80; environment and, 524; natural resources and, 165; poverty in, 19; women in, 272; women’s education in, 264, 266
### INDEX

Middle-income economies: basic indicators in, 9–11; development measures in, 5; health indicators in, 250–52; health systems in, 258–59; income inequality in, 389–90; population and labor force in, 32–34; self-employment and unpaid family workers in, 295; women’s education in, 263–64

Migrant. See Rural-urban migration

Mill, John Stuart, 73

Minerals, 79, 86, 164, 165, 241

Minimum wage, 448

Minerals, 79, 86, 164, 165, 241

Mill, John Stuart, 73

Myrdal, Gunnar, 496

Murphy-Shleifer-Vishnev model, 113

Myrdal, Gunnar, 496

National Development Bank (BNDE), 489

Nationalization potential, 472

National Renewal Fund, 62

National Resources Commission (NRC), 484

Natural capital stock, 519, 554, 555–58, 559

Natural habitats, 65, 88, 115

Multinational enterprises (MNEs), 209–10

Murphy-Shleifer-Vishnev model, 113

Myrdal, Gunnar, 496

Neoclassical economics, 152, 423, 477; development economics and, 70, 71, 73; East Asian economic growth and, 39; income inequality and, 387; state, economic development and, 442–45

Neoutilitarian economics, 476, 477

Nepal, 88, 91, 95, 263, 264, 268, 275, 526

Netherlands, 107, 115

New institutional economics, 359–60

New Zealand, 99, 101, 509–10, 526

NGPF, 549

Nicaragua, 52, 230

Nigeria, 65, 450, 460; bureaucracy in, 514; economic growth in, 86, 87; environment and, 529; ethnic diversity in, 464; women in, 273

Nkrumah, Kwame, 462

Nongovernmental organizations (NGOs), 258, 259

North Africa, 1; economic growth in, 80; poverty in, 19; women in, 272, 275, 283, 284; women’s education in, 264, 266

North America, 97, 98, 225, 283

Nutrition, 214–15, 254–56, 344, 348; balance sheet of, 35; famine and hunger, 335; policies on, 427–29; women’s earnings and, 277

Off-shore companies, 44, 45

Oil and petroleum, 7, 50, 54, 165, 185, 532

Old-age security, 244–45

Open economies, 108

Organization for Economic Cooperation and Development (OECD), 54, 87, 94, 406, 485; agriculture and, 347; economic growth in, 147; environment and, 527, 548; income distribution in, 401

Organized money markets, 129–32

Outward-oriented industrial development, 184–86

Ozal, Turgut, 503, 504

Ozone layer depletion, 521

Pakistan: economic growth in, 85, 88, 91, 92, 93; education in, 237; family planning programs in, 246; women in, 283

Panama, 273

Park Chung Hee, 197, 497, 482–83, 484, 497, 498, 499

Paternalism, 426

Petrobas, 491

Penn World Tables, 114, 115, 116, 117

Per capita income, 3. See Gross domestic product (GDP); Gross national product (GNP); in AK model, 123–25; as development measure, 5–7; divergence and, 114–18

Peru: economic growth in, 89, 91; economic reforms in, 58; health in, 258–59; poverty in, 18; women in, 276, 278

Petite bourgeoisie, 423, 449

Petite bourgeoisie, 423, 449

Petroleum, 7, 50, 54, 165, 185, 532

Pollution abatement, 544–53

Pollonoreste projects, 528

Population, 2, 214, 241–48; agriculture and, 332, 333; deforestation and, 536–38, 541–42; of East Asia, 36; economic approaches to, 242–48; economic growth and, 82–84, 88–89, 91; environment and, 521; labor force and, 31–34; size of, 241

POSCO, 200

Poverty: balance sheet of, 35; burden of, 18–35; capabilities and entitlements in, 30; decline in, 36; environment and, 521; extent of, 19–20; health and, 259; income inequality, economic development and, 387–90; in India, 18, 36, 61; in Latin America, 54–57; women and, 18, 215, 275–79

Poverty gap, 19

Poverty line, 6, 18, 19, 54–55, 115

Prebisch, Raul, 52

Predation, 476, 479–80, 481, 487, 491

Price controls, 451

Price distortions, 36–37, 526

Prices: agricultural, 331, 337–38, 366–67, 368–69, 448; factor, 175, 176, 178; food, 254–55; in India, 448–449; service, 13–17

Primary export substitution (PES), 171, 173

Primary import substitution (PIS), 171, 173

Primary products, 155–56

Primary school education, 234, 237–39, 240, 263–64, 265, 266

Primary sector surplus, 180

Principle-agent approach, 508, 509

Privatization, 96

Probabilistic migration model, 292, 323–27

Pluralist theory, 453–54

Poland, 527, 529


Policy coherence, 496

Political stability/instability: deforestation and, 539–41; income distribution, investment and, 404–8; institutional indicators of, 472, 473, 474–75; in Sub-Saharan Africa, 458, 464–66

Pollution abatement, 544–53

Polonoreste projects, 528

Poland, 527, 529

Population, 2, 214, 241–48; agriculture and, 332, 333; deforestation and, 536–38, 541–42; of East Asia, 36; economic approaches to, 242–48; economic growth and, 82–84, 88–89, 91; environment and, 521; labor force and, 31–34; size of, 241

POSCO, 200

Poverty: balance sheet of, 35; burden of, 18–35; capabilities and entitlements in, 30; decline in, 36; environment and, 521; extent of, 19–20; health and, 259; income inequality, economic development and, 387–90; in India, 18, 36, 61; in Latin America, 54–57; women and, 18, 215, 275–79

Poverty gap, 19

Poverty line, 6, 18, 19, 54–55, 115

Prebisch, Raul, 52

Predation, 476, 479–80, 481, 487, 491

Price controls, 451

Price distortions, 36–37, 526

Prices: agricultural, 331, 337–38, 366–67, 368–69, 448; factor, 175, 176, 178; food, 254–55; in India, 448–449; service, 13–17

Primary export substitution (PES), 171, 173

Primary import substitution (PIS), 171, 173

Primary products, 155–56

Primary school education, 234, 237–39, 240, 263–64, 265, 266

Primary sector surplus, 180

Principle-agent approach, 508, 509

Privatization, 96

Probabilistic migration model, 292, 323–27
INDEX

Producer-driven chains, 204
Productivity. See also Agricultural productivity: factor proportions explanations, 17; growth accounting with human capital stocks in, 220–22; Kravis-Heston-Summers explanation for, 13–15
Profit effect, 366
Programa de Integracao Nacional (PIN), 418
Programa de Integracao Social, 418
PROKASHI, 545
Property rights, 442, 444, 518, 526, 527, 532, 535, 539–41
Prussia, 383
Public choice school, 443
Puerto Rico, 307, 310
Pulp and paper plants, 544, 549–51
Punjab, 523
Putting-out system, 84, 85, 271
Quantitative restrictions, 157, 188–90, 191
Railroads, 85–86, 90, 97, 98
Rao-Mannohar Singh, 62–63
Rationality hypothesis, 354, 355
Rao-Manmohan Singh, 62–63
Rent seeking, 422–24, 427, 444, 476; engine of growth, 119–22; financial liberalization and, 133–37; genuine, 559; in India, 63; women and, 280–81
Rent control, 448–49
Rent control, 448–49
Ricardian equivalence, 395–96
Rule of law, 471, 535–43
Rule of law, 471, 535–43
Rule of law, 471, 535–43
Rule of law, 471, 535–43
Rural-urban divide, 373–74
Rural-urban divide, 373–74; demographic reappraisal of urban growth and, 293–94; econometric studies of, 312; informal sector role in, 292, 323–27; model of urban unemployment and, 300–301; unlimited labor supply and, 297–99
Russia, 139
Sanitation, 521
Saudi Arabia, 165, 166
Savings: in AK model. See AK model; in East Asia, 36, 42; as engine of growth, 119–22; financial liberalization and, 133–37; genuine, 559; in India, 63; women and, 280–81
Savings clubs, 280
Saxony, 383
Schulz, Theodore, 300
Secondary export substitution (SES), 171–72, 173
Secondary import substitution (SIS), 171–72, 173
Secondary school education, 237–39, 265, 266
Second best solutions, 337
Second Indian Plan, 371
Secular levels of income, 382, 383, 384, 386
Seemingly-unrelated-regression (SUR) technique, 234
Self-employment, 295–96, 313, 318, 319, 397
Semi-democracies, 404
Service prices, 13–17
Shaman Pharmaceuticals, 532
Shifts, 147–53
Sierra Leone, 254
Singapore, 2, 3; economic crisis in, 426; in health care, 259–60; in Korea, 157, 195–201, 482–84, 485, 487; market failure and, 431; neoclassical economics and, 442–45; as problem and solution, 476–94; in Taiwan, 157, 195–201, 482, 484–86, 487
State-owned enterprises (SOEs), 96, 485, 493, 551
Strong states, 496
Strong sustainability, 555, 559
Structuralist analysis, 70
Structural transformation, 478–79, 489–90
Sub-Saharan Africa, 2, 3, 4, 422–24; economic development in, 65–68; economic growth in, 80, 456–70; education in, 65, 68, 237, 238, 429; environment and, 523, 527; ethnic diversity in, 423–24, 456–58, 460–66; income distribution in, 407; personal rule effects in, 67; poverty in, 18, 19; women in, 271, 272, 283, 284; women’s education in, 263, 266, 269
Subsistence income, 115
Sudan, 65, 88, 95, 263, 273
Suez Canal, 86
Sukarno administration, 88
Sukhatme-Srinivasan-Seckler-Payne hypothesis, 255
Sulfur dioxide, 522
Sun Yat Sen, 484
Supply elasticity of agricultural production, 366–67
Supply-leading phenomenon, 139–40
Suspended particulate matter, 521
Sustainable development, 519, 554–59

576
INDEX

577

Todaro paradox, 396

33/50 program, 548

Todaro paradox, 396

Thailand, 3; agriculture and, 342, 344, 348, 412–14; economic crisis in, 43, 45; economic development in, 52; economic environment in, 430; economic growth in, 36, 39, 86, 87, 89, 91, 93, 94, 403, 409–16; income distribution in, 378, 403, 409–16; industrialization and, 111, 414–16; interest rates in, 124, 133; state intervention in, 157, 195–201, 482, 484–86, 487; technology and, 206–8; trade and, 184, 185, 202; typology of development in, 170–74; women in, 275

Taiwan Agriculture and Forestry Development Corporation, 415

Taiwan Cement Corporation, 415

Taiwan Industrial and Mining Development Corporation, 415

Taiwan Pulp and Paper Corporation, 415

Taiwan Sugar Corporation, 410

Tanganyika, 86, 87

Tanzania, 18, 115, 280, 451

Tariff Refund Certificate (CRA), 503

Tariffs, 435–36, 437; agricultural trade and, 338; concertina approach to, 192; industrialization and, 180, 182; Latin America and, 54; reforming, 191–92; replacing quantitative restrictions, 191

Taxes, 406, 500; in Africa, 450–51; agricultural, 368; carbon, 527; direct, 368, 386, 418; income, 124, 125, 386; in India, 448–49; indirect, 368, 449

Technology: agriculture and, 332, 350–51, 352, 353–54; economic growth and, 152; gaps between countries, 206–8

Technology transfer and, 204; pollution abatement in, 548; technology transfer and, 204; trade and, 183, 184, 202; women in, 283

Unorganized money markets, 129–31

Unpaid family workers, 295–96, 319, 397

Upper-middle-income economies: basic indicators in, 10–11; health indicators in, 251–52; income inequality in, 397; population and labor force in, 33–34; self-employment and unpaid family workers in, 295; women’s education in, 265, 267

Urban bias, 331, 370–74

Urban sector, 395–99. See also Informal sector; Rural-urban migration

Urban traditional sector, 291, 300

Uruguay, 52, 55, 58, 192

Venezuela: economic development in, 52; economic growth in, 86, 87, 89, 91; economic reforms in, 58; education in, 237; environment and, 533; foreign direct investment and, 157, 209–10; political system of, 406

Vietnam, 42, 48

Wage-gap model, 308–9

Wage-earnings, 308–9

Wage-earnings, 308–9

Casual workers, 297; for women, 243, 266, 271, 275–77

Water quality, 521, 522–23, 524, 525, 532, 545–47, 551

Weak states, 496, 504, 506

Weak sustainability, 555, 559

Weber, Max, 477–78, 481, 494, 508

Weberian state hypothesis, 508, 509, 510, 511–14

West Africa, 81–82, 273

Western Europe, 97, 98, 99, 104; agriculture and, 333; divergence and, 115; economic growth in, 81; income distribution in, 417

Wigs, 184

poverty and, 18, 215, 275–79; role models for, 281; savings and, 280–81
Women-headed households, 215, 273, 275
Women’s education, 263–70, 277, 279, 280; benefits at work and home, 269–70; costs, benefits and gender differentials, 264–67; economic impact of, 225–26; financial, opportunity, and psychic costs of, 267–69; health and, 254, 255; labor force participation, wages and, 243
Wood pulp plants, 544, 548–49
World Conservation Strategy, 555

Yunus, Muhammad, 285
Zaire, 65, 88, 95, 263, 479–80
Zambia, 87, 275
Zimbabwe (Southern Rhodesia), 86, 87, 258