Contents

Foreword xvii Preface xix Acknowledgments xxv Contributors xxvii Abbreviations xxxi

Section I Context and concepts: density, distance, and division 1

1 Regional integration, agglomeration, and income distribution in East Asia 1

Nobuaki Hamaguchi

Production networks in East Asia4Regional income inequality11Discussion14Notes15References16

Annex: Data for analysis of the China-Japan border effect 18

2 Geography of cluster-based industrial development 19

Keijiro Otsuka and Tetsushi SonobeA theory of cluster-based industrial development20Evidence from case studies22Evidence of changing industrial locations25Policy implications30Notes30References31

Rural clustering at incipient stages of economic 3 development: hand-weaving clusters in Lao PDR 33 Akihiko Ohno

Market segregation at an incipient stage of development 34 Hypotheses on the emergence of traders 35 Profile of the Lao PDR hand-loom industry 36 Marketing and contractual arrangements 37 Weaving clusters and traders 40 Decline of trust 44 Retailers as urban-based traders 45 Conclusions 45 46 Notes References 46

Spatial networks, incentives, and the dynamics of village 4 economies: evidence from Indonesia 48

Futoshi Yamauchi, Megumi Muto, Reno Dewina, and Sony Sumaryanto

49 Data Descriptive analyses 50 **Empirical framework** 58 Empirical results 59 Policy discussion 63 Conclusions 63 Notes 64 References 64

5 The Iskandar Development Region and Singapore 66 Manu Bhaskaran

Background 66 Key factors driving the relationship between the two regions 67 Potential synergies between Singapore and the IDR 71 The way forward 75 Conclusion: can these obstacles be overcome? 78 Notes 78 References 78

Spatial integration and human transformations in the 6 Greater Mekong subregion 79

Jonathan Rigg and Chusak Wittayapak

The GMS: an idea becomes a subregion 79 Openness, progress, and inequality in the GMS 81

Scales and sites: the empirics of spatial transformations in the GMS83Agents, agency, and impacts of spatial transformation in the GMS86Policies and politics of spatial transformation92Notes95References96

Section II Southeast Asia: Vietnam, the Philippines, Indonesia, and Thailand 100

7 Rural development and issues in Vietnam: spatial disparities and some recommendations 100

Dang Kim Son

Current spatial disparities and policy issues100Disparities between rural and urban areas101Regional disparities103Causes of disparities109Recommendations112Notes113References113

8 Economic geography of Indonesia: location, connectivity, and resources 115

Hall Hill, Budy P. Resosudarmo, and Yogi Vidyattama

Economic geography 116 Regional economic growth and change 121 Regional inequality and convergence 125 Conclusions 132 Notes 133 References 134

9 Spatial considerations on decentralization and economies of concentration in Indonesia 135

Francisco Javier Arze del Granado

Decentralization of expenditures, urban-to-rural migration, and urban density in congested regions 136 Agglomeration economies 143 Room for further decentralization and policy implications 146 Conclusions 148 Notes 149 References 151

Annex: Definition of the variables and estimation results 154

10 Spatial agglomeration, firm productivity, and government policies in Indonesia: concentration and deconcentration in the manufacturing sector 156

Ari Kuncoro

Evolution of the manufacturing industry's spatial configuration in Java 156 Choice of firm location 158 Empirical methodology: externalities and firm decentralization 162 Results 164 Conclusions 166 Notes 167 References 168

11 Spatial disparities and development policy in the Philippines 169

Arsenio M. Balisacan, Hal Hill, and Sharon Faye Piza

Regional development patterns171Determinants of local growth and poverty reduction177Conclusions179Notes180References181

Annex: Determinants of growth and poverty reduction in the Philippines: descriptive statistics 183

12 Spatial disparities in Thailand: does government policy aggravate or alleviate the problem? 184 Nitinant Wisaweisuan

Growth and spatial disparities 185 Explaining spatial disparities 186 Attempts to alleviate the problem 190 Conclusions 194 Notes 194 References 194

Section III Northeast Asia: China and the Republic of Korea 196

13 Reshaping economic geography in China196Yukon Huang and Xubei Luo196

China's historic and geographic legacy 196 Accelerating growth: coordinating structural, incentive, and fiscal policies 198 Spatial factors and government policies: growth and equity implications 199 Looking to the future 213 Notes 216 References 216

14 The political economy of government policies toward regional inequality in China 218

Yang Yao

Regional disparities in China 218 The path to the uneven development model 223 Preferential government policies and economic geography 226 Recent government initiatives to reduce regional disparities 230 Alternative ways to address regional disparities 235 Conclusions 238 Notes 238 References 238

15 Is China sacrificing growth when balancing interregional and urban-rural development? 241

Zhao Chen and Ming Lu

Industrial agglomeration and city development 242

China's urban-rural and interregional development: is there a tradeoff between efficiency and equality? 247

Interregional and urban-rural economic development: policy adjustment and fiscal transfer 250

Conclusions and policy implications 253

Notes 255

References 255

16 Industrial agglomeration and economic performance in transitional China 258

Canfei He

Theoretical understanding of industrial agglomeration in China258Industrial agglomeration and industrial specialization in China261Industrial agglomeration and labor productivity in China273Industrial clusters in China: a county-level analysis277Conclusions279Note280References280

17 Capital allocation, regional specialization, and spillover effects in China 282

Chong-En Bai and Xu Lin Returns to capital across provinces 283 Regional specialization 285 Spatial factors behind productivity growth 289 Conclusions 291 Notes 292 References 292

18 Coastal China's urban-rural spatial restructuring under globalization 294

Yue-man Yueng and Jianfa Shen

Guangdong and the Pearl River delta296Shanghai and the Yangtze River delta304The Bohai Bay region310Conclusions315Notes317References317

19 A history of the Republic of Korea's industrial structural transformation and spatial development 320
Sam Ock Park

Industrial policies, structural changes of industry, and spatial transformation 321 Spatial development and change 327 Policy implications 334 Note 336 References 336

Section IV Conclusion: lessons from experience

20 Lessons from experience: reshaping economic geography in East Asia 338

Yukon Huang and Alessandro Magnoli Bocchi

Context: the rise of regionalism and the role of production-sharing networks 338

Accompanied by increasing disparities 339

The new economic geography 339

Vietnam and Lao PDR: emerging spatial patterns at low income levels 341

Indonesia, the Philippines, and Thailand: diverse settings and varied outcomes in three middle-income ASEAN countries 342
China: agglomeration, rapid growth, and major spatial consequences 346
Korea: from developing to developed status and eventual equalization in living standards 349
Lessons learned 350
Notes 356
References 357
Index 359